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Materia Medica and Drug Therapy

A MONTHLY JOURNAL FOR THE PRACTICING PHYSICIAN

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approximately indicated below:

<table>
<thead>
<tr>
<th>Analysis</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sputum, for tuberculosis bacilli</td>
<td>$3.00</td>
</tr>
<tr>
<td>Urine, for tuberculosis bacilli</td>
<td>3.00</td>
</tr>
<tr>
<td>Milk, for tuberculosis bacilli</td>
<td>3.00</td>
</tr>
<tr>
<td>Urine, qualitative, for one constituent</td>
<td>1.50</td>
</tr>
<tr>
<td>Urine, qualitative, for each additional constituent</td>
<td>1.00</td>
</tr>
<tr>
<td>Urine, quantitative, for each constituent</td>
<td>3.00</td>
</tr>
<tr>
<td>Urine, sediment, microscopical</td>
<td>1.50</td>
</tr>
<tr>
<td>Blood, for ratio of white to red corpuscles</td>
<td>2.00</td>
</tr>
<tr>
<td>Blood, for Widal's typhoid reaction</td>
<td>2.00</td>
</tr>
<tr>
<td>Water, for general fitness to drink</td>
<td>10.00</td>
</tr>
<tr>
<td>Water, for typhoid germs</td>
<td>25.00</td>
</tr>
<tr>
<td>Water, quantitative determination of any one constituent</td>
<td>10.00</td>
</tr>
<tr>
<td>Pus, for gonococci</td>
<td>3.00</td>
</tr>
</tbody>
</table>

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PHYSICIAN AND SURGEON

CONTAINING

NAMES AND CHIEF SYNONYMS, PHYSICAL FORM AND APPEARANCE, SOLUBILITIES, PERCENTAGE STRENGTHS AND PHYSIOLOGICAL EFFECTS, THERAPEUTIC USES, MODES OF ADMINISTRATION AND APPLICATION, REGULAR AND MAXIMUM DOSAGE, INCOMPATIBLES, ANTIDOTES, PRECAUTIONARY REQUIREMENTS, ETC., ETC., OF THE CHEMICALS AND DRUGS USUAL IN MODERN MEDICAL PRACTICE;—A COMPREHENSIVE COLLECTION OF PRESCRIPTIONS, EMBRACING ALSO THE NEWER REMEDIES OF ESTABLISHED MERIT;—A CLASSIFICATION OF MEDICAMENTS;—AND MISCELLANY, COMPRISING POISONING AND ITS TREATMENT, METRIC SYSTEM AND TABLES, ETC.

Compiled from the most recent authoritative sources and published by

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NEW YORK AND CHICAGO
PHYSICIANS are earnestly requested to communicate to Merck & Co., University Place, New York, any suggestions that may tend to improve this book.

Whatever the Publishers can do to make MERCK'S MANUAL of still greater service to the Medical Profession will be gladly undertaken for all subsequent editions.

Therefore, any Physician who will propose improvements in the subject-matter (especially as regards the Newer Materia Medica), or in the arrangement, style, and form of this work, will thus be rendering valuable service, not only to its Publishers, but to the entire Profession as well.
MERCK'S MANUAL for 1899 was accorded by physicians everywhere such unqualified praise that the publishers have been encouraged thereby to do their best to make the present edition still more acceptable. The numerous valuable suggestions, offered in response to the request for ideas and criticisms, were the chief guides to the changes made and have resulted in the production of this compact volume, which we sincerely hope and firmly believe will prove of value to every practicing physician. The solubilities and incompatibilities of the various drugs and chemicals, and all the important new remedies of the year have been added to Part I. A Formulary of well-selected prescriptions, gleaned from standard medical works, from medical journals, and from the formularies of leading hospitals, has taken the place of the Therapeutic Indications of the former edition. The prescriptions are arranged in accordance with the conditions which indicate their uses, thus enabling the reader to see at a glance the purpose each is intended to serve. The object in presenting them is to show how other medical men have treated the various diseases and to thereby suggest to the reader how from his own store of knowledge he may construct prescriptions exactly adapted to the requirements of his patients. Part IV. (new) will be found full of valuable additions, not the least of which is the article on Poisoning and Its Treatment. Here for the first time the reader will find a statement of the quantities of the antidotes that should be used, together with explanations as to why and when to use them.

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PART FIRST.—THE MATERIA MEDICA, as in actual use to-day by American Physicians. Alphabetically arranged.

This part embraces all those simple medicinal substances (that is, drugs and chemicals) which are in current and well-established use in the medical practice of this country; or which, if too recently introduced to be as yet in general use, are vouched for by eminent authorities in medical science; also, the medicinally employed pharmaceutical preparations recognized by the United States Pharmacopoeia.

Added thereto, for the convenience of those practitioners who prescribe them, are medicamentous mixtures advertised only to the profession, but whose composition or mode of manufacture has not been made known with sufficient completeness or exactness.

There has also been included, under the title of "Foods and Dietetic Products," a list of such preparations as are frequently prescribed for infants' diet, or for the sick or convalescent.

Omitted from the Materia Medica Part are: Medicaments that have become obsolete, or that are too rarely used to be of general interest; and such new remedies as are not yet safely accredited on reliable authority; also those galenic preparations (syrups, extracts, pills, essences, elixirs, wines, emulsions, etc.) which are not standardized according to the U. S. Pharmacopoeia; likewise all articles that are put up and advertised for self-medication by the lay public.

Separate Titles in the alphabetic series are accorded, as a rule, to the botanical drugs and
other pharmaceutical mother-substances, to proximate principles (alkaloids, glucosides, organic acids, etc.), and to chemical compounds (salts, "synthetics," etc.); while the official galenic preparations, solutions and dilutions, derived from them, are mostly mentioned under the titles of their respective mother-substances. Thus, for instance, "Dover's Powder" will be found under "Opium," while "Morphine" is described under its own title.

Part Second.—PRESCRIPTION FORMULAS, for the use of the Materia Medica. Arranged alphabetically under the titles of the various Pathologic Conditions.

This part has been compiled from the latest editions of standard works on therapeutics; from the formularies of the leading hospitals of the United States; and from the periodic medical literature of the day. It comprises over 16,000 formulas in actual use by medical practitioners and covering also the newest remedies of recognized merit.

Part Third.—CLASSIFICATION OF MEDICAMENTS, according to their Physiological Actions. Arranged alphabetically under the titles of the actions.

This part recapitulates, for ready survey, such statements as are already given in Part I, as to the modes of action of the various medicaments.

Part Fourth.—MISCELLANY. A few useful hints and reminders of every-day applicability.

This part comprises a comprehensive essay on Poisoning and its Treatment; a description of the Metric System, with tables of equivalents; a chart showing the diagnostic points of difference between the Eruptive Fevers; a new Obstetrical Chart; and a table showing the frequency of the Pulse and Respiration at Different Ages.
INDEX TO CONTENTS

THE MATERIA MEDICA, as in actual use to-day by American Physicians .............................................. 7 to 98

APPROVED FORMULAS for the use of the Materia Medica ................................................................. 99 to 255

CLASSIFICATION OF MEDICAMENTS according to their Physiologic Actions ................................... 256 to 263

MISCELLANY ............................................................................................................................................. 263 to 282

(For Details, see Descriptive Table of Contents, on pages 4 and 5.)

ABBREVIATIONS

abbr. = about  ext. = extract  oz. = ounce or ounces
alm. = almost  extern. = externally  Ph. G. III. = German Phar-
alter. = alternative  F. E. or fl. ext. = fluid extract  macopoeia (Ed III)
amorph. = amorphous  fl. dr. = fluid dram  powd. = powder
arom. = aromatic  gran. = grain or grains  q. v. = which see (quod vide)
caps. = capsule  gm. = gramme  sol. = soluble or solubility
comp. = compound  infus. = infusion  solut. = solution
cryst. = crystals or crystalline  inject. = injection  spirit
D. = dose  insol. = insoluble

decoc. = decoction  intern. = internally

decompl. = decomposed or decomposition

deliq. = deliquescent  lin. = liniment

diaphor. = diaphoretic  liq. = liquid or liquor

dil. = dilute or diluted  max. D. = maximum dose

diss. = emulsion  min. or Ml. = minim or minims

N. F. = National Formulary

odorn. = odorless

olint. = ointment

U. S. P. = United States Pharmacopoeia

wh. = white

3 t., 4 t. = 3 times, 4 times
Acetanilid.

Phenyl-acetamide; Antifebrin.—Wh. scales or powd.: odorl.; burning taste.—Sol. in abt. 200 parts water, 5 alcohol, 18 ether, very sol. in chloroform.—Antipyretic, Analgesic, Antirheumatic; Antiseptic.—Uses: Intern., fever, rheumatism, headache, alcoholism, delirium, neuralgia, sleeplessness in children, etc.; extern., like iodoform, and as a preservative of hypodermic solutions (1:500).—Dose: 3—10 grn., in powd., alcoholic solut., or hot water cooled down and sweetened to taste.—Max. D.: 15 grn. single, 60 grn. daily.—Incompatibles: With nitrous ether acetanilid yields a solution becoming yellow, then red, on standing. With alkali bromides or iodides, in aqueous solution, it forms insoluble compounds. When triturated with chloral hydrate, carbolic acid, resorcin, or thymol, a liquid or a soft mass results.—Antidotes: Stimulants; atropine; strychnine; oxygen. See also “Poisoning and its Treatment,” p. 263.—Caution: Avoid large doses in fever! When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Acetanilid, Phenacetin, Citrophen, Kryofine, Lacto-phenin, Phenocoll Hydrochlorate, and Triphenin.

Acetyl-para-amidophenol Salicylate.—see Salophen.
Acetyl-para-oxyphenyl-urethane Merck.

Neurodin.—Colorl., odorl. cryst.—Sol. sl. in water.—For Ac-

tion, Dose, etc., see Neurodin.

Acid, Acetic, Merck.—Glacial.—99.5%.—Highest Purity,

Medical.

Caustic (in warts or corns) and Vescant. Not used internally.—
Antidotes: Magnesia; chalk; soap and water, lime-water; milk,
oil, etc. See also "Poisoning and its Treatment," p. 263.

Acid, Acetic.—36% (U. S. P.).

Dose: 15—40 ml, well diluted.

Acid, Acetic, Diluted.

6 per cent.—Dose: 2—4 fl. drs.

Acid, Arsenic, Merck.—Highest Purity, Medicinal.

White powd. or lumps; odorl.; tastel.—Sol. in abt. 100 parts
water, 8 glycerin, 6 hydrochloric acid; very sl. in alcohol;
aqueous solubility increased by tartaric or hydrochloric acids.—
Antiperiodic, Antiseptic, Alterative.—Uses: Intern., malarial
fever, skin diseases, chorea, neuralgia, gastralgia, uterine dis-
orders, diabetes, phthisis; extern., to remove warts, cancers, etc.—
Dose: 1/2—1 grn. 4 t. daily.—Max. D.: About 1/2 grn. single;
about 1/2 grn. daily.—Preparation: Solut. (1%).—Extern. on
neoplasms in large amounts to get quick results; otherwise it is
dangerous. Keep from healthy tissues, lest dangerous absorp-
tion may occur.—Antidotes: Emetics; stomach tube if seen im-
mediately; hot milk and water with zinc sulphate or mustard.
After vomiting, give milk or eggs, and magnesia in milk. If
saccharated oxide of iron or dialyzed iron is handy, use it. If
tincture of iron and ammonia water are within reach, precipitate
former with latter, collect precipitate on a strainer, and give it
wet. Always give antidotes, be the case ever so hopeless. See
also "Poisoning and its Treatment," p. 266.—Incompatibles:
Lime-water; salts of aluminium, antimony, barium, calcium,
chromium, copper, lead, magnesium, mercury, silver, zinc;
potassium iodide; tannic acid; infus. cinchona and other
vegetable astringent infusions and decoctions.

Acid, Benzoic, Merck.

Pearly plates, or needles; aromatic odor; warm, acid taste.—Sol.
in abt. 2 parts alcohol, 3 ether, 7 chloroform, 10 glycerin, 500
water. (Borax, or sod. phosphate, increases sol. in water.)—Anti-
septic, Antipyretic, Expectorant.—Uses: Intern., to acidify
phosphatic urine, reduce acidity of uric-acid urine, control urinary
incontinence, also in chronic bronchitis and jaundice; Extern.,
wound dressing (1:100), in urticaria, etc.—Dose: 10—30 grn. 6
t. daily.—Incompatibles: Corrosive sublimate, lead acetate,
ferric salts, free bromine or chlorine.

Acid, Boric.—Cryst., Powd., or Impalpable Powder.

Sol. in abt. 26 parts water, 10 glycerin, 15 alcohol.—Dose: 5—
15 grn.
Acid, Cacodylic, Merck.

DIMETHYL-ARSENIC, OR KAKODYLIC, ACID.—Odorl., sl. sour crystalline. —Soln. in water or alcohol.—Alterative, Hematinic, like arsenious acid.—Uses: Chiefly in obstinate psoriasis and leucocytopenia.—Dose (usually subcut.): 1—3 grn. once daily or every other day. —See also Sodium Cacodylate.

Acid, Camphoric, Merck.—Highest Purity, Medicinal.

Colorless needles or scales; odorl.; feebly acid taste.—Soln. in alcohol, ether; very slightly in water; 50 parts fats or oils.—Antihistodic, Antiseptic, Anticatarrhal.—Uses: Extern., 2—6% aqueous solut., with 11% of alcohol to each 1% of acid, in acute skin diseases; as gargoyle or spray in acute and chronic affections of the respiratory tract; intern., night-sweats, chronic bronchitis, gonorrhoea, cystitis, etc.—Dose: 8—30 grn., in powd.

Acid, CarboHydrate, Merck.—“Silver Label”; Cryst.

PHENOL.—Soln. in abt. 15 parts water, 2 olive oil; freely in alcohol, chloroform, ether, glycerine.—Dose: 1/2—2 grn., well diluted or in pills.—Preparations: Glycerite (20%); Oint. (5%).—Incompatibles: Carbolic acid coagulates collodion. Triturated with acetonilid, butyl-chloral hydrate, camphor, monobromated camphor, chloral hydrate, diuretin, euphorin, exalgin, lead acetate, menthol, naphtalin, naphtol, phenacetin, pyrogallol, resorcin, salol, sodium phosphate, thymol, urethane, chloralamide or terpin hydrate, carbolic acid yields a liquid or a soft mass.—Antidotes: Alcohol or whisky; saccharated lime; raw white of egg. See also “Poisoning and its Treatment,” p. 263. (Merck’s “SILVER LABEL” Carbolic Acid is guaranteed not to redden under proper precautions of keeping.)

Acid, Carbolic, Iodized.

IODIZED PHENOL.—Solution of iodine in carbolic acid.—Antiseptic, Escharotic.—Uses: Uterine dilatation.—APPLIED pure.

Acid, Caryophyllic, Merck.—See Eugenol.

Acid, Chromic, Merck.—Cryst., or Fused (Pencils).

Small, dark, purplish-red, deliq. needles, or pencils.—Soln. freely in water.—Incompatibles: Alcohol, ether, glycerin, spirit of nitrous ether, arsenious acid, and nearly every organic substance; bromides, chlorides, iodides; hypophosphites, oxalates, sulphides, sulphites, tartrates.—Antidotes: Emetics, then magnesia or chalk; demulcents. See also “Poisoning and its Treatment,” p. 264. —CAUTION: Avoid cork stoppers and other organic substances.

Acid, Chrysophanic, Medicinal, so-called.—See Chrysarobin.

Acid, Cinnamic, Merck.—Highest Purity, Medicinal.

CINNAMYLIC ACID.—White scales; odorl.; Soln. in alcohol, ether; very slightly in water.—Antitubercular, Antiseptic.—Uses: Tuberculosis and lupus, parenchymatously and intravenously.—APPLIED in 5% emulsion or alcoholic solut.—INJECTION (intravenously): 1/2—2 grn., in 5% oily emulsion, with 0.7% solut. sodium chloride, twice a week. —See also Sodium Cinnamate.

THIS MANUAL IS A GENERAL COMPRENDIUM OF THE MATERIA MEDICA. SUCH ARTICLES AS MAY BE HAD OF THE MERCK BRAND ARE ESPECIALLY SO DESIGNATED THROUGHOUT THE BOOK. WHEN ORDERING OR PRESCRIBING THESE, PLEASE SPECIFY: MERCK
Acid, Citric.—Cryst. or Powd.
Sol. freely in water, alcohol, or glycerin.—Antiseptic, Antiscorbutic, and Refrigerant.—Uses: Extern., post-partum hemorrhage; pruritus; diphtheria, angina or gangrenous sore mouth; intern., cooling beverage to assuage fever, and remedy in scurvy.—Dose: 10—30 grn.—Incompatibles: Potass. tartrate; alkaline carbonates, acetates, and sulphides; mineral acids. Preparation: Syr. (1%).—Extern., for painting throat, 5—10% solut. in glycerin; gargle, 1—2%; cooling drink, 80 grn. to 1 quart.

Acid, Gallic, Merck.
Whitish, interlaced needles; odorl.; astringent, sl. acidulous taste.—Sol. in abt. 100 parts water, 5 alcohol, 12 glycerin, 40 ether. —Dose: 5—20 grn.—Incompatibles: Ferric salts, potass. chlorate or permanganate; ammonia; lead acetate, opium in solut., silver salts.

Acid, Hydrobromic.—Diluted.—10%.
Dose: 30—90 ml, in sweetened water.

Acid, Hydrochloric.
31.9 per cent. HCl.—Dose: 5—10 minims, well diluted.—Antidotes: Chalk, whiting, magnesia, alkali carbonates, and albumen. See also “Poisoning and its Treatment,” p. 264.—Incompatibles: Alkalies, silver salts, chlorates, chromates, oxides, permanganates; tartar emetic; salts of lead, etc.

Acid, Hydrochloric, Diluted.
10 per cent. HCl.—Dose: 10—30 ml, well diluted, in sweetened water.

Acid, Hydrocyanic, Diluted.
2 per cent. HCN.—Dose: 2—5 min.—Max. Dose: 10 min.—Extern. 1: 8—16 as lotion, only on unbroken skin.—Incompatibles: Salts of copper, iron, silver.—Antidotes: Emetics, warmth; hydrogen peroxide freely per os and subcut.; ammonia, atropine; ferrous sulphate followed by potass. carbonate. See also “Poisoning and its Treatment,” p. 264.—Caution: Very liable to decomposition. When brown in color it is unfit for use.

Acid, Hydriodic, Merck.—Sp. Gr. 1.5.—47%.
Deep-brown, fuming liq.—Antirheumatic, Alterative.—Uses: Rheumatism, bronchitis (acute or chronic), asthma, syphilis, obesity, psoriasis, to eliminate mercury or arsenic from the system, etc.—Dose: 5—10 ml, well diluted with sweetened water, after meals.

Acid, Hypophosphorous.—Diluted.—10%.
Dose: 10—60 ml.—Incompatibles: Arsenical salts, chromates; cupric or ferric salts; iodine; permanganates; sulphuric or sulphurous acid.

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Acid, Lactic, Merck.
75%.—Caustic, Astringent, Digestive.—Uses: Mostly extern. in carcinoma, croup, etc.; intern., dyspepsia, diarrhea, diabetes, etc. —Dose: 15—30 mL, well diluted.—APPLIED EXTERN.: 50—80% paint.—INCOMPATIBLES: Albumen, milk; oxidizers.

Acid, Nitric.
68 per cent. HNO₃.—APPLIED (as an Escharotic) pure.—Antidotes: Same as of Hydrochloric Acid.

Acid, Nitric, Diluted.
10 per cent. HNO₃.—Dose: 5—30 minims, well diluted.

Acid, Nitro-hydrochloric, Diluted.
One-fifth strength of concentrated, which is not used therapeutically.—Uses: Intern., jaundice, biliary calculi, dyspepsia, chronic rheumatism, etc.; extern., diluted, as sponge- or foot-bath, 2 or 3 t. a week.—Dose: 5—20 minims, well diluted.—Antidotes and Incompatibles: Same as of Hydrochloric Acid.

Acid, Osmic,—see Acid, Perosmic.

Acid, Oxalic.
Transparent cryst.; very acid taste.—Sol. in water, alcohol; slightly in ether.—Emmenagogue, Sedative.—Uses: Functional amenorrhea, acute cystitis.—Dose: ½—1 grn. every 4 hours, in sweet water.—Antidotes: Calcium saccharate, chalk, lime-water, magnesia. See also "Poisoning and its Treatment," p. 264.—Incompatibles: Metallic salts in general (except those of aluminium, chromium or magnesium); arsenates; calcium salts; alkalies.

Acid, Oxy-naphtoic, Alpha-, Merck.—Pure.
White or yellowish powd.; odorl.; sternutatory.—Sol. in alcohol, chloroform, fixed oils, aqueous solut’s of alkalies and alkali carbonates; insol. in water.—Antiparasitic, Antizymotic.—Uses: Intern., disinfectant intestinal tract (reported 5 times as powerful as salicylic acid); extern., in parasitic skin diseases (in 10% oint.), coryza, etc.—Dose: 1½—3 grn.

Acid, Perosmic, Merck.
Perosmic Acid.—Yellowish needles; very pungent odor.—Sol. in water; in alcohol or ether depco, ensues.—Antineuralgic, Dis- cutient, Anti-epileptic.—Uses: Intern., muscular rheumatism, neuralgia; extern., remove tumors, and in sciatica (by injection).—Dose: ¼ grn. several t. daily.—Injection: ½—¾ grn., as 1% solut. in aqueous glycerin (40%).—Antidote: Sulphurretted hydrogen.—Incompatibles: Organic substances; phosphorous; ferrous sulphate; iodides.—Caution: Vapor exceedingly irritating to the air-passages.

Acid, Phosphoric (Ortho-), Merck.—Syrupy.—85%.
Dose: 2—6 mL, well diluted.—Antidotes: Same as of Nitric Acid.

THIS MANUAL IS A GENERAL COMPLEMENTARY OF THE MATERIA MEDICA. SUCH ARTICLES AS MAY BE HAD OF THE MERCK BRAND ARE ESPECIALLY SO DESIGNATED THROUGHOUT THE BOOK. WHEN ORDERING OR PRESCRIBING THESE, PLEASE SPECIFY: MERCK!
Acid, Phosphoric (Ortho).—Diluted.—10%.

**Dose**: 20—60 ml.—**Incompatibles**: Ferric chloride; lead acetate; silver nitrate; solut. soluble iron phosphate or pyrophosphate.

Acid, Picric.

Picronitric, Picrinic, or Carbazotic, Acid.—Yellow cryst; odorl.; intensely bitter.—Sol. in alcohol, ether, chloroform; sl. in water.—Antiperiodic, Antiseptic, Astringent.—**Uses**: Intern., in malaria, trichiniasis, etc.; extern., in erysipelas, eczema, burns, fissured nipples, etc.—**Dose**: ½—2 grn., in alcoholic solut.—**Max. D.**: 5 grn.—**Extern.**: Burns, ½—1% hydro-alcoholic solut. for 5 minutes, then dressing with cotton (to be renewed only every 3—7 days); sore nipples, 10% solut.; eczema, etc., ½—3% ethero- aqueous solut. as paint.—**Antidote**: Albumen.—**Incompatibles**: All oxidizable substances; albumen, gelatin, alkaloids. Dangerously explosive with sulphur, phosphorus, etc.—**Caution**: Do not apply in substance or in oint., lest toxic symptoms appear!

Acid, Pyrogallic, Merck.—Resublimed.

**PyrogalloL**: Sol. in abt. 2 parts water, 1 alcohol, 2 ether.—Used only extern., usually in 5—10% oint.—**Incompatibles**: Alkalies, ammonia, antipyrine, camphor, carbolic acid, ferric chloride, iodine, lead acetate, lime-water, menthol, potass. permangan.

Acid, Salicylic, Merck.—Cryst.; and Natural (from Oil Wintergreen).

Sol. in abt. 500 parts water, 2½ alcohol, 2 ether, 80 chloroform, 120 olive oil, 200 glycerin; 20 grn. are rendered soluble in 1 fl. oz. water by adding 25 grn. borax or 40 grn. potass. citrate. Solubility also increased by sodium phosphate or sulphite.—**Dose**: 10—40 grn.—**Incompatibles**: Iron salts; spt. nitrous ether; exalgin; lead acetate; potass. iodide; quinine salts; urethane.

Acid, Sulphanilic, Merck.—Cryst.

White efflorescent needles.—Sol. slightly in alcohol; 112 parts water.—Anticatarrhal, Analgesic.—**Uses**: Intern., coryza, catarrhal laryngitis, etc.—**Dose**: 10—20 grn. 1 or 2 t. daily, in aqueous sol. with sodium bicarb.

Acid, Sulphuric, Aromatic.

20 per cent. H₂SO₄.—Best form for administration.—**Dose**: 10—20 min.

Acid, Sulphuric, Diluted.

10 per cent. H₂SO₄.—(Concentrated Sulphuric Acid is not used medicinally.)—**Uses**: Intern., gastro-intest. disorders, phthisical sweats, exophthalmic goiter, etc.; also as solvent for quin. sulph., etc.—**Dose**: 15—30 min., well diluted.—**Antidotes**: Same as of hydrochloric acid.—**Incompatibles**: Alcohol; salts of barium, calcium, lead, mercury, silver, strontium; sulphides.

Acid, Sulphurous.

6.4 per cent. SO₃.—Antiseptic, Antizymotic.—**Dose**: 15—60 min., well diluted. **Extern.**: 10—25 per cent. solut.

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**THIS MANUAL IS A GENERAL COMPREHEND OF THE MATERIA MEDICA. SUCH ARTICLES AS MAY BE HAD OF THE MERCK BRAND ARE ESPECIALLY 80 DESIGNATED THROUGHOUT THE BOOK. WHEN ORDERING OR PRESCRIBING THESE, PLEASE SPECIFY: MERCK!**
Acid, Tannic, Merck.—Superior; Highest Purity, Medicinal; Light, Clearly Soluble.

Sol. in abt. 1 part water or alcohol, 3 glycerin; insol. in ether or chloroform.—**Dose:** 2—20 grn.—**Preparations:** Styptic Colloidion (20%); Glycerite (20%); Oint. (20%); Troches (1 grn.).—**Incompatibles:** Salts of antimony, copper, iron, lead, mercury, and silver; lime-water, alkaloids, albumen, gelatin; starch; iodine, iodoform; permanganates, chlorates and other oxidizers; spt. nitrous ether.

Acid, Tartaric.—Cryst. or Powd.

Sol. in abt. 1 part water, 3 alcohol, 5 glycerin; alm. insol. in chloroform.—**Dose:** 10—30 grn.—**Incompatibles:** Salts of calcium, lead, and mercury; vegetable astringents.

Acid, Thymic,—see THYMOL.

Acid, Trichlor-acetic, Merck.—Pure, Cryst.

Deliquescent cryst. ; pungent, suffocating odor ; caustic. Sol. freely in water, alcohol, ether.—Escharotic, Astringent, Hemostatic.—**Uses:** Venereal and cutaneous warts, papillomata, vascular naevi, pigment patches, corns, nosebleed, obstinate gleet, gonorrhea, nasopharyngeal affections and indolent ulcers.—**Applied:** As escharotic, pure, or in concentrated solut.; astringent and hemostatic, 1—3% solut.—**Antidotes:** Same as for mineral acids.—**Caution:** Keep in glass-stoppered bottle.

Aconite Root.

**Preparations:** Ext. (D., ¼—½ grn.); F. E. (D., ¼—1 min.); Tr. (D., 1—3 min.).

Aconitine (Alkaloid), Potent, Merck.—Cryst.—(Do not confound with Aconitine [Alkaloid], Mild; or with the eclectic “Aconitin.”)

Alkaloid from Aconite, prepared according to process of Duques nel.—White cryst.; feebly bitter taste. —Sol. in alcohol, ether, chloroform; insol. in water. —Anti-neuralgic, Diuretic, Sudorifice, Anodyne.—**Uses:** Intern., neuralgia, acute or chronic rheumatism, gout, toothache, etc.; extern., rheumatism, other pains.—**Dose:** ⅛—⅓ grn. several t. daily, in pill or solut., with caution.—**Max. D.:** ⅛ grn. (0.001 Gm.) single, ⅛ grn. daily.—**Extern.:** 1:200—500 parts lard.—**Antidotes:** Small repeated doses of stimulants; artificial respiration, atropine, digitalis, ammonia. See also “Poisoning and its Treatment,” p. 265.—**Caution:** Never use on abraded surfaces. Danger of absorption! 10 times as toxic as the mild amorph. aconitine (below)!

Aconitine (Alkaloid), Mild, Merck.—Amorph.—(Do not confound with Aconitine [Alkaloid], Potent; or with the eclectic “Aconitin.”)

**Uses:** As aconitine, potent, cryst.; but only ¼ as powerful.—**Dose:** ⅛—⅓ grn., very carefully increased.—**Extern.** ¼—2% oint. or solut.

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This manual is a general compendium of the materia medica. Such articles as may be had of the Merck brand are especially so designated throughout the book. When ordering or prescribing these, please specify: Merck.
Aconitine Nitrate Merck.—Cryst.
**Dose**: Same as of Aconitine, Potent.

Adeps Lanæ Hydrosus Merck.—U. S. P.
[IANUM.—Yellowish-white, unctuous mass. Freely takes up water and aqueous solut’s.—For INDICATIONS, ETC., see LANKUM.

Adonidin Merck.
ADONIN.—Yellowish-brown, very hygroscopic, odorl. powd.; intensely bitter.—Sol. in water, alcohol; insol. in ether, chloroform.—Cardiac Stimulant, mild Diuretic.—Uses: Heart disease, especially mitral and aortic regurgitation, and relieving precordial pain and dyspnea.—**Dose**: \( \frac{1}{4} \)–4 grn. 4 t. daily, in pill, tablet triturate, or solut. in chloroform water with ammonium carbonate.—Max. D.: 1 grn.

(Procurable also in Merck’s \( \frac{1}{12} \)-grn. Tablets.)

Agaricin Merck.
Yellowish powd.; sweet, with bitter after-taste.—Sol. in alcohol; slightly in water, ether, or chloroform.—Antihidrotic.—Uses: Pithisical night-sweats, sweating from drugs.—**Dose**: \( \frac{1}{4} \)–1 grn.

Airol.
BISMUTH OXYIODOGALLATE Roche.—Grayish-green, odorl., tastel. powd.—Insol. in water, alcohol, etc. On exposure, or when mixed with water directly, airol partially decomposes and turns red; but with glycerin and little water it yields a mixture that long remains unaltered.—Vulnerary, Siccative Antiseptic; also Antigonorrhic.—Uses: Wounds, burns, skin diseases; gonorrhea, bubo; eye diseases; gynecology; nose, throat and ear affections.—Extern. pure 10% suspension in equal parts glycerin and water, or 10–20% oint.—**INCOMPATIBLE**: Calomel.

Alcohol.
91 per cent.—Sp. Gr. 0.820.—**INCOMPATIBLES**: Acacia, albumen; bromine, chlorine; chromic acid, permanganates.

Aletris Cordial.
Composition not completely divulged.—(Stated: "**Dose**: 1 fl. dr. 3 or 4 t. daily."")

Alkalithia.
Composition not completely divulged.—(Stated: "**Dose**: Heaping teaspoonful 3 or 4 t. daily, in warm water.")

Almond, Bitter.
Preparations: Oil (D., \( \frac{1}{2} \) to \( \frac{1}{4} \) min.); Spt. (10 per cent oil; used as flavoring); Water (which see).

Almond, Sweet.
Preparations: Emuls. (as vehicle); Oil (D., 2–8 fl. drs.); Syr. (as vehicle).

Aloes, Barbadoes.
**Dose**: 2–20 grn.—**INCOMPATIBLES**: Mercury nitrate, silver nitrate.

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Aloes, Purified.

From Socotrine Aloes.—**Dose**: 1-10 grn.—*Preparations*: Pills (2 grn.); Pills Aloes and Asafetida; Pills Aloes and Iron; Pills Aloes and Mastic; Pills Aloes and Myrrh; Tr. (D., 15-60 min.); Tr. Aloes and Myrrh (D., ½-2 fl. drs.).

Aloes, Socotrine.

**Dose**: 2-10 grn.—*Preparation*: Ext. (D., 1-5 grn.).

Aloin Merck.

**Barbaloin**.—Sol. in abt. 60 parts water, 20 alcohol, 500 ether.—**Dose**: ½-2 grn.—*Max D.*: 4 grn. single, 10 grn. daily.—*Injection*: ½ grn. dissolved in formamide.—*Incompatibles*: Alkali hydrates; bromine water; ferric chloride; tannic acid.

*Merck's Aloin, Superior, is clearly soluble, and meets all the other requirements of U. S. P.*

**Alums**:—Ammonio-ferric; Potassium,—see Iron and Ammonium Sulphate, Ferric; and Aluminium and Potassium Sulphate.

Aluminium Acetate Merck.—*Basic*.

Gummy mass of granular powd.—Insol. in water.—*Uses*: Intern., diarrhea and dysentery; extern., washing foul wounds.—**Dose**: 5-10 grn. 3 t. daily.

Aluminium Aceto-tartrate Merck.

Lustrous, yellowish granules; sour-astringent taste.—Sol. freely but very slowly in water, becoming less sol. with age; insol. in alcohol, ether, glycerin.—Disinfectant and Astringent.—*Uses*: Chiefly in diseases of the air-passages.—**Applied in** ½ to 2% solutions; or as snuff, with ½ its weight of powdered boric acid.

Aluminium Sulphate.

White lumps or powd.; odorl.; sweet-astringent taste.—Sol. in abt. 1½ parts water; insol. in alcohol.—Antiseptic, Caustic, Astringent.—*Uses*: Fetic ulcers, fetic discharges; enlarged tonsils, scrofulous and cancerous ulcers; endometritis; nasal polypi, etc.—**Applied in** 1:20 to 1:100 solut., or concentrated solut.

Aluminium & Potassium Sulphate.—Cryst. or Powd.; or in Pencils (Plain or Mounted). Also, Dried (Burnt or Exsiccated).

**Alum**.—Sol. in abt. 10 parts water, 3 warm glycerin; insol. in alcohol.—**Dose**: 5-15 grn.; *emetic*: 1-2 teaspoonfuls.—*Incompatibles*: Alkali hydrates; borax; carbonates; galls; kino; lead acetate, lime-water; magnesia; mercury salts; phosphates; tartaric acid; potass. chlorate.

Aluminum, etc., —see Aluminium, Etc.
Ammonia Water.
10 per cent. NH₃.—Dose: 10—30 min.—Preparations: Lin. (3 per cent. NH₃); Arom. Spt. (D., 1—2 fl. drs.).

Ammonia Water, Stronger.
28 per cent. NH₃.—Dose: 4—10 min., well diluted.—Antidotes: Vinegar; vapor of acetic acid or chlorine water by inhal. See also "Poisoning and its Treatment," p. 265.—Incompatibles: Iodine, bromine; chlorine water; alkaloids; acids; mercurials and most other metallic salts.—Preparation: Spt. (D., 10—30 min.).

Ammonium Benzoate Merck.
Sol. in abt. 6 parts water, 28 alcohol, 8 glycerin.—Dose: 10—30 grn. 3 or 4 f. daily, in syrup or water.—Incompatibles: Ferric salts, potassa solut., acids.

Ammonium Bromide.
Sol. in abt. 2 parts water, 30 alcohol.—Dose: 15—30 grn.—Incompatibles: Acids, alkaloids; salts of antimony, bismuth, copper, lead, mercury, and silver.

Ammonium Carbonate Merck.—Highest Purity, Medicinal.
Sol. in abt. 5 parts water, 5 glycerin, 200 alcohol; decomp. by hot water.—Dose: 5—20 grn.—Incompatibles: Salts of copper, iron, lead, silver, and alkaloids; acids and acid salts; alum; magnesia, magnes. carbonate; calomel, mercury bichloride; potass. bitartrate or bisulphate; tartar emetic; zinc sulphate.

Ammonium Chloride.
Sol. in abt. 3 parts water, 5 glycerin; sl. in alcohol; insol. in ether.—Dose: 5—20 grn.—Incompatibles: Alkalies and their carbonates; salts of lead and silver.—Preparation: Troches (1½ grn.).

Ammonium Embelate Merck.
Red, tastel. powd.—Sol. in diluted alcohol.—Uses: Tape-worm.—Dose: Children 3 grn., adults 6 grn., in syrup or honey, or in wafers, on empty stomach, and followed by castor oil.

Ammonium Fluoride Merck.—Highest Purity, Medicinal.
Very deliquescent, colorl. cryst.; strong saline taste.—Sol. in water; slightly in alcohol.—Antiperiodic, Alterative, Antizymotic.—Uses: Hypertrophy of spleen, flatulent dyspepsia, goiter, etc.—Dose: 1/4—2 grn. after meals, in water.

Ammonium Ichthyol-sulphonate,—see Ammonium Sulpho-ichthyolate.

Ammonium Iodide.
Deliquescent, unstable powd.—Sol. in abt. 1 part water, 9 alcohol, 1/6 glycerin; insol. in ether.—Alterative, Resolvent.—Dose: 3—10 grn.
Ammonium Phosphate, Dibasic, Merck.—Highest Purity, Medicinal.
Colorl. prisms; odorl.; cooling, saline taste—Sol. in abt. 4 parts water; insol. in alcohol. Uses: Rheumatism, gout.—**Dose:** 5—20 grn., 8 or 4 t. daily, in water.

Ammonium Salicylate Merck.
Colorl. prisms.—Sol. in water.—Antirheumatic, Antipyretic, Germicide, Expectorant.—Uses: In febrile conditions, bronchitis, etc.—**Dose:** 2—10 grn. in wafers.

Ammonium Sulpho-ichthyolate.
**Ichtthyl.**—Thick, brown liq.; bituminous odor.—Sol. in water, mixture equal parts alcohol and ether; miscible with glycerin and fatty oils; insol. in pure alcohol or ether.—For Action, Uses, etc., see Ichththyl.

Ammonium Valerianate Merck.—White, Cryst.
Sol. freely in water or alcohol; also sol. in ether.—**Dose:** 2—8 grn.

Ammonium & Iron Tartrate.
Sol. in water; insol. in alcohol.—**Dose:** 10—30 grn.

Ammonol.
Composition not completely divulged.—(Stated: “**Dose:** 5—20 grn., 3—6 t. daily.”)

Amyl Nitrite Merck.—Pure, or in Pearls (1-3 drops).
Very volatile, unstable liq.—Sol. in alcohol, ether, chloroform; insol. in water.—**Dose:** 2—5 drops, in brandy. Used mostly by inhal.—**Incompatibles:** Alcohol, antipyrine, potassa.—**Antidotes:** Atropine, ergotin or strychnine, hypodermically. See also “Poisoning and its Treatment,” p. 271.

Amylene Hydrate Merck.
Colorl., oily liq.; ethereal, camphoric taste.—Sol. in abt. 8 parts water; all proportions alcohol, ether, chloroform, glycerin.—Hypnotic, Sedative.—Uses: Insomnia, alcoholic excitement, epilepsy, whooping-cough, etc.—**Dose:** Hypn., 45—90 ml; sedat., 15—30 ml; in beer, wine, brandy or syrup, or in capsules.

Antifebrin,—see Acetanilid.

Antikamnia.
Composition not completely divulged.—(Stated: “**Dose:** 5—15 grn.”)

Antimonial Powder.—U. S. P.
**James's Powder.**—33% antimony oxide, 67% calcium phosphate,—Alterative, Diaphoretic, Antipyretic.—**Dose:** 2—10 grn.

Antimony Oxide, Antimonous.
Insol. in water, alcohol, etc.—Expectorant.—**Dose:** 1—3 grn.
—Preparation: Antimonial Powder (33%).
Antimony Sulphide, Black, Merck.—Pure.

Purified Antimony Sulphide.—Diaphoretic, Alterative.—

**Dose:** 10—30 grn.—**Incompatibles:** Chlorates and other oxidizers.

Antimony Sulphide, Golden, Merck.

Antimony Pentasulphide.—Insol. in water, alcohol, etc.—

Alterative, Diaphoretic, Emetic, Expectorant.—**Dose:** 1/2—1 grn.—**Incompatibles:** Sour food, acid syrups, metallic salts.

Antimony, Sulphurated, Merck.

Kermes Mineral.—Alterative, Diaphoretic, Emetic.—Uses: Cutaneous diseases and syphilis; alterative generally.—**Dose:** 1—2 grm., in pill; as emetic, 5—20 grn.—Preparation: Pills Antimony Compound (0.6 grn.).

Antimony & Potassium Tartrate.—Cryst. or Powd.

Tartrar Emetic.—Sol. in abst. 17 parts water, 20 glycerin; insol. in alcohol.—**Dose:** alter., 1/4—1/2 grn.; diaphor. and expect., 1/3—1/2 grn.; emetic, 1/4 grn. every 20 minutes.—**Incompatibles:** Tannic acid; alkalis and their carbonates; lead salts; astringent infusions (cinchona, rhubarb, etc.); acacia, antipyrene, mercuric bichlor.—Preparation: Wine Antimony (D, expect., 10—30 min.; emet., 2—4 fl. drs.).—Antidotes (as for antimonial compounds in general): Tannic acid in solut., freely; stimulants and demulcents. See also "Poisoning and its Treatment," p. 265.

Antinosine.

Sodium salt of nosophen.—Greenish-blue powd., of faint iodine odor.—Sol. in water.—Antiseptic.—Uses: Chiefly in vesical catarrh.—**Extern.** in 1/5—1/3 per cent. solut.

Antipyrene.

Phenyl-dimethyl-pyrazolone; Phenazine; Dimethyl-oxyquinizine.—Sol. in abst. 1 part water, 2 alcohol, 2 chloroform, 50 ether.—**Dose:** 10—30 grn.—Applied (as Styptic) in 20 per cent. solut. or pure.—**Incompatibles:** Alum; ammonia water; amyl nitrite; benzoates; beta-naphthol; bromine; carbolic acid; calomel; chloral hydrate; copper sulphate; chromic acid; cinchona alkaloids; euphorin; ferric chloride; ferrous sulphate; hydro-cyanic acid; iodides; iodine; lead subacetate; mercuric chloride; potassium permanganate; pyrocatechin; pyrogallol; resorcin; sodium bicharbonate; sodium salicylate (in powder); solution arsenic and mercury iodide; spirit nitrous ether (unless prescribed with sodium bicharbonate); syrup ferrous iodide; tartar emetic; tannic acid; thymol; urethane; infusions of catechu, cinchona, rose leaves, and uva ursi; tinctures of catechu, ferric chloride, cinchona, hamamelis, iodine, kino, and rhubarb; orthoform.—Antidotes: Same as Acetanilid.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Antipyrene, Ferropyrine and Salipyrine.

Antipyrene Salicylate,—see Salipyrine.
Antispasmin.

NARCEINE-SODIUM and SODIUM SALICYLATE MERCK.—Reddish, slightly hygroscopic powd.; 50% narceine.—Sol. in water.—Antispasmodic, Sedative, and Hypnotic.—Uses: Whooping-cough, influenza, irritating coughs, etc.—Dose: (3% solut., 3–4 t. daily): under ½ year 3–5 drops, between ½ year 5–8 drops, 1 year 8–10 drops, 2 years 10–13 drops, 3 years 15–20 drops, older children, 20–40 drops.—Caution: Keep from air!

Antitoxin, Diphtheria.

From serum of blood that has been subjected to poison of diphtheria.—Limpid liq., generally preserved with ½% carabolic acid or other preservative.—Dose (children): Prophylactic, 200–250 antitoxic units; ordinary cases, 600–1000 units; severe cases (or those seen late, or of nasal or laryngeal type), 1500–3000 units; given hypodermically, and repeated in about 8 hours if necessary. Adults receive twice as much. Caution: The various brands differ in strength.

Apiol, Green, Merck.—Fluid.

Greenish, oily liq.—Sol. in alcohol, ether.—Emmenagogue, Antiperiodic.—Uses: Dysmenorrhea, malaria.—Dose: 5–10 ml 2 or 3 t. daily, in capsules; in malaria 15–30 ml.

Apioine.

Composition not completely divulged.—(Stated: "Dose: 2 or 3 capsules.”)

Apomorphine Hydrochlorate Merck.—Cryst. or Amorphous.

Sol. in abt. 60 parts water, 100 glycerin, 50 alcohol; alm. insol. in chloroform or ether.—Dose: Expected, 1/16–1/8 grn.; emetic, 1/8–1/4 grn.—Inject.: Emetic, 1/8–1/4 grn.; hypnotic, 1/8–1/2 grn.—Antidotes: Strychnine, chloral, chloroform.—Incompatibles: Alkalies, iodides; ferric chloride; picric acid; tannic acid; silver nitrate.—Caution: Keep dark and well-stoppered!

Apyonine,—see PYOKTANIN, YELLOW.

Aqua Levico, Mild, and Strong.

NATURAL ARSENO-FERRIC WATER, from the springs at Levico, Tyrol.—ALTERANT TONIC.—Uses: Anemic, chlorotic, neurasthenic, and neurotic conditions; in scrofulous, malarial, and other cachexias; and in various chronic dermatoses.—Dose: Tablespoonful of Aqua Levico Mild, diluted, after meals, morning and night. After a few days, increase dose gradually, up to 3 tablespoonfuls. After one or two weeks substitute for the two doses a single daily dose of one tablespoonful of Aqua Levico Strong, best with principal meal. Some days later, augment this dose gradually as before. Constitutional effects and idiosyncrasies are to be watched, and dosage modified accordingly. Decreasing dosage at conclusion of treatment, with a return to the "Mild," is usual.

Arecoline Hydrobromate Merck.

White cryst.—Sol. in water, alcohol.—Myotic.—Applied in 1% solut.
Argentamine.

8% solut. silver phosphate in 15% solut. ethylene-diamine.—Alkaline liq., turning yellow on exposure.—Antiseptic and Astringent, like silver nitrate.—Uses: Chiefly gonorrhea.—Inject. in 1:4000 solut.

Argonin.

Silver-casein compound; 4.25 per cent. silver.—Wh. powd.—Sol. in hot water; ammonia increases solubility.—Antiseptic.—Uses: Chiefly in gonorrhea, in 1—2 per cent. solut.; also in blennorrhea neonatorum, in 3% solut.

Argonin, Soluble.

Light-yellow powd.; 10% silver.—Sol. readily in water.—Action and Uses: Same as the preceding.

Aristol.

DITHYMOL DI-IODIDE; ANNIDALIN.—Reddish-brown, tasteful powd.; 46% iodine.—Sol. in chloroform, ether, fatty oils; sparingly in alcohol; insoluble in water or glycerin.—Succedaneum for iodophor externally.—Applied like the latter.—Incompatibles: Ammonia, corrosive sublim., metallic oxides, starch, alkalies or their carbonates; also heat.—Caution: Keep from light!

Arsenauro.

Composition not completely divulged.—(Stated: “Dose: 5—15 min.; in water, after meals.”)

Arsen-hemol Merck.

Hemol with 1% arsenous acid.—Brown powd.—Alterative and Hematinic; substitute for arsenic, without untoward action on stomach.—Dose: 1½ grn., in pills, 2 to 3 t. daily, adding one pill to the daily dose every fourth day until 10 pills are taken per day.

Arsenic Bromide Merck.

Colorless, deliquescent prisms; strong arsenic odor.—Decomp. by water. Uses: Diabetes.—Dose: 0½—1 grn.—Max. D.: 1 grn.—Antidotes: Same as of Arsenous Acid.—Caution: Keep well-stopped!

Arsenic Chloride Merck.

Colorless, oily liq.—Decomp. by water.—Sol. in alcohol, ether, oils.—Dose: 0½—1 grn.

Arsenic Iodide Merck.

Sol. in abt. 10 parts water, 30 alcohol; grad. decomp. by water.—Dose: 0½—1½ grn., in pills.—Max. D.: 1½ grn.—Caution: Keep from air and light!

Asafetida.

Dose: 5—15 grn.—Preparations: Emuls. (D., 2—6 fl. drs.); Pills (3 grn.); Tr. (D., 20—60 min.).

Aspidosperma.

QUEBRACHO.—Preparation: F. E. (D., 30—60 min.).
PART I.

MAT. MED.

Aspidospermine Merck.—Amorph.
Brown-yellow plates; bitter taste.—Sol. in alcohol, ether, chloroform; sl. in water.—Respiratory Stimulant, Antispasmodic.—Uses: Dyspnea, asthma, spasmodic croup, etc.—Dose: 1—2 grn., in pills.

Aspirin.
ACETYL-SALICYLIC ACID.—Wh. needles.—Sol. in 100 parts water.—Uses and Dose: Same as of sodium salicylate.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Resorcin, Salol, Aspirin, Salophen, Creosote and their compounds, and Thiocol.

Atropine (Alkaloid) Merck.—(Not the eclectic “Atropin.”)
Sol. freely in alcohol, ether, chloroform; in abt. 52 parts glycerin; sl. in water.—Dose: 1/30—1/6 grn.—Incompatibles: (common to all alkaloids): Alkalies, tannin, salts of mercury or gold; vegetable decoctions or infusions; borax; bromides, benzoates, cyanides, iodides; oxalic acid, picric acid.—Antidotes: Morphine, pilocarpine, eserine. See also “Poisoning and its Treatment,” p. 266.

Atropine Sulphate Merck.
Sol. in abt. 6 parts alcohol, 3 glycerin, ½ water; alm. insol. in chloroform or ether.—Uses and Dose: Same as of alkaloid.

(Other salts of Atropine are not described because used substantially like the above.)

Balsam Peru.
Sol. in absol. alcohol, chloroform; insol. in water.—Dose: 10—30 min.—Incompatibles: Iodoform in substance; hydrogen peroxide.

Belladonna Leaves.
Preparations: Ext. (D., ¼—½ grn.); Tr. (D., 5—20 min.); Plaster (20 per cent. ext.); Oint. (10 per cent. ext.).—Incompatibles: Alkali hydrates or acids with heat; tannin; vegetable decoctions or infusions.

Belladonna Root.
Preparations: F. E. (D., ¼—2 min.); Lin. (95 per cent. F. E., 5 per cent. camphor).

Benzene, from Coal Tar, Merck.—Highest Purity, Medicinal.
BENZOL.—Miscible with alcohol, ether, chloroform, oils.—Antispasmodic and Anticatarrhal.—Uses: Whooping-cough, influenza, etc.—Dose: 2—10 mI every 3 hours, in emulsion, or on sugar or in capsules.—Max. D.: 45 mI.

Benzoin.
Preparations: Tr. (D., 20—40 min.), Comp. Tr. (D. 30—60 min.).

Benzolyptus.
Composition not completely divulged.—(Stated: “Dose: 1 fl. dr., diluted.—Extern. in 10—30% solut.”)
Benzosol.

**Benzoyl-Guaiacol; Guaiacol Benzoate.**—Wh., odorl., alm. tastel., cryst. powd.—Sol. in alcohol, chloroform, ether; insol. in water.—Antitubercular, Intest. Antiseptic, Anticatarrhal.—Uses: Phthisis, bronchitis, intest. disorders, etc.—**Dose:** 3—15 grn. in pill, or powd. with peppermint-oil sugar.

**Benzoyl-pseudotropeine Hydrochlorate,**—see TROPACOCaine HYDROCHLORATE.

**Benzoylsulphonic Imide.**

Garantose; Saccharin; Gluside.—Wh. powd.; intensely sweet.—Sol. in abt. 350 parts water, 30 alcohol, 50 ether.—For further information, see Garantose.

**Berberine Carbonate Merck.**

Yellowish-brown cryst. powd.; bitter taste.—Sol. in diluted acids.—Anti-periodic, Stomachic, Tonic.—Uses: Malarial affections, amenorrhea, enlargement of spleen, anorexia, chronic intestinal catarrh, vomiting of pregnancy, etc.—**Dose:** Anti-пер. 8—15 grn.; *stomachic and tonic*, \( \frac{1}{3} - \frac{1}{2} \) grn. 3 t. daily; in pills or caps.

**Berberine Phosphate Merck.**

Yellow powd.—Sol. in water.—Most sol. salt of berberine, and easiest to administer, in pills, hydro-alcoholic solut., or aromatic syrup.—Uses and Dose: Same as of Berberine Carbonate; best given in solut. flavored with syr. orange or syr. cinnamon.

**Berberine Sulphate Merck.**—Soluble.

Yellow needles.—Sol. in water, alcohol.—Uses and Dose: Same as of Berberine Carbonate.

**Bismal.**

**Bismuth Methylene-digallate Merck.**—Gray-blue powd.—Sol. in alkalies; insol. in water or gastric juice.—Intestinal Astringent (especially in diarrheas not benefited by opiates.)—**Dose:** 2—5 grn. every 3 hours, in wafer or powd.

**Bismuth Benzoate Merck.**—Highest Purity, Medicinal.

White, tastel. powd.—27% of benzoic acid.—Sol. in mineral acids; insol. in water.—Antiseptic.—Uses: Intern., gastro-intestinal diseases; *extern.*, like iodoform.—**Dose:** 5—15 grn.

**Bismuth Beta-naphtolate.**

Orphol.—Brown, insol. powd.—Intestinal Antiseptic.—**Dose:** 5—15 grn., 3—5 t. daily, in tabl. or powd.; children, 2—5 grn. —**Caution:** When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Beta-naphtol, Benzonaphtol, and Orphol.

**Bismuth Citrate Merck.**

White powd.; odorl.; tastel.—Sol. in ammonia water and solut’s of alkali citrates; insol. in water, alcohol.—Stomachic and Astringent.—Uses: Diarrhea, dyspepsia, etc.—**Dose:** 1—3 grn.

**Bismuth Methylene-digallate Merck.**—see BISMAL.

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Bismuth Nitrate.—Cryst.

**Bismuth Ter-nitrate or Trinitrate.**—Colorl. hygroscopic cryst.; acid taste.—Changed to subnitrate by water.—Sol. in acids, glycerin.—Astringent, Antiseptic.—Uses: Phthisical diarrhea, etc.—**Dose**: 5—10 grn. dissolved in glycerin and then diluted with water.

Bismuth Subiodide.

**Bismuth Subiodide.**—Brownish-red, amorph., insol. powd.; odorl., tastel.—Antiseptic.—Uses: Extern., on suppurating wounds, ulcers, in skin diseases, gonorrhea, etc., intern., gastric ulcers, typhoid fever, and diseases of mucus membranes.—**Dose**: 3—10 grn. 3 t. daily, in mixture, powd., or capsule.—Extern. like iodoform; in gonorrhea in 1% injection.

Bismuth Oxyiodogallate,—see **AIROL**.

Bismuth Subcarbonate.

Wh., insol. powd.—**Dose**: 5—30 grn.

Bismuth Salicylate Merck.—Basic.—64% Bi₂O₃.

White, odorl., tastel. powd.; insol. in water or alcohol.—External and Intestinal Antiseptic and Astringent.—Uses: Acute gastric or intestinal catarrh.—**Dose**: 3—8 grn.

Bismuth Phosphate, Soluble, Merck.

White powd.—Sol. in abt. 3 parts water.—Intestinal Antiseptic and Astringent.—Uses: Acute gastric or intestinal catarrh.—**Dose**: 3—8 grn.

Bismuth Subgallate Merck. (Identical with Dermatol.)—Odorl., yellow, insol. powd.; 55% Bi₂O₃.—Siccative Antiseptic, and substitute for bismuth subnitrate internally.—Uses: Extern., on wounds, ulcers, eczemas, etc.; intern., in gastro-intestinal affections.—**Dose**: 4—8 grn., several t. daily.—Extern. like iodoform.—**Incompatibles**: Acids.

Bismuth Subiodide,—see **BISMUTH OXYIODIDE**.

Bismuth Subnitrate.

Wh., heavy, insol. powd.—**Dose**: 5—40 grn.—**Incompatibles**: Effervescence ensues when mixed with alkaline bicarbonates in water; with potass. iodide double decomp. slowly sets in; gallic acid; calomel; salicylic acid; tannin; sulphur.

Bismuth and Ammonium Citrate.

Sol. in water; sl. in alcohol.—**Dose**: 2—5 grn.—**Incompatibles**: Acids.

Black Haw.

**Viburnum Prunifolium.**—Nervine, Oxytocic, Astringent.—**Preparation**: F. E. (D., 30—60 min.).

Borax,—see **SODIUM BORATE**.
Borolyptol.
Composition not completely divulged.—(Stated: "Dose: ½—1 fl. dr., diluted.—Extern. in 5—50% solut.")

Brayerin.—see Koussein.

Bromidés (Peacock’s).
Composition not completely divulged.—(Stated: "Dose: 1—2 fl. drs., in water.")

Bromidia.
Composition not completely divulged.—(Stated: "Dose: 1—2 fl. drs.")

Bromine.
Sol. in alcohol, ether (with gradual decomp.); chloroform, solut. bromides; also in abt. 30 parts water.—Dose: 1—3 min. well diluted. Extern. ½—1 per cent. washes or oily paints; as caustic, pure or 1:1 alcohol.—Incompatibles: Alkali hydrates; arsenites; ferrous salts; hypophosphites; hydriodic acid; mercurous salts. —Antidotes: Stomach irrigation; albumen, sodium carbonate; inhalation of ammonia. See also "Poisoning and its Treatment," p. 267.

Bromipin.
10% Brominized Sesame Oil, Merck.—Bromine addition-product of sesame oil.—Yellow oily fluid, of purely oleaginous taste; contains 10% bromine.—Nerve and Sedative.—Dose: Tea to tablespoonful 3 or 4 t. daily, in emulsion with peppermint water and syrup; or pure, flavored with oil peppermint.—[Further information in "Merck’s Digest" on Bromipin, containing clinical reports.]

Bromoform Merck.—Highest Purity, Medicinal.
Heavy liq., odor and taste similar to chloroform; darkens on exposure.—Sol. in alcohol, ether; in abt. 80 parts glycerin; insol. in water.—Antispasmodic, Sedative.—Uses: Chiefly whooping-cough.—Dose (3 or 4 t. daily): Under 1 year, 1—3 drops; 1—4 years, 4—5 drops; 5—7 years, 6—7 drops, in hydro-alcoholic solut. or in emulsion.—Incompatibles: Caustic alkalies; water.—Antidotes: As of Chloroform.—Caution: Keep well-stoppered!

Bromo-hemol Merck.
Hemoi with 2.7% bromine.—Brown powd.—Organic, easily assimilable Nerve- tonic and Sedative; without the deleterious effect on the blood common to the inorganic bromides.—Uses: Hysteria, neurasthenia, epilepsy.—Dose: 15—30 grn. 3 t. daily.

Brucine Merck.
White powd.—Sol. in alcohol, chloroform; sl. in water.—Nervetonic, like strychnine, but much milder.—Dose: ½—1 grn. in pills or solut.—Max D.: 2 grn.—Antidotes: Choral, chloroform, tannic acid. See also "Poisoning and its Treatment," p. 267.
Buchu.


Butyl-Chloral Hydrate Merck.

“Croton”-Chloral Hydrate.—Light, white, cryst. scales; pungent odor.—Sol. freely in alcohol, glycerin, ether; sl. in water.—Analgesic, Hypnotic.—Uses: Trigeminal neuralgia, toothache, etc., insomnia of heart disease.—Dose: Hypnot., 15—30 grn.; a—alg., 5 grn. every ½ hr. until relieved, or 15—20 grn. at longer intervals;—in mixture of water, alcohol, and glycerin; or in pills.—Max D.: 45 grn.—Extern. with equal part phenol.—Antidotes: Picrotoxin, atropine, strychnine, caffeine; artificial respiration.

Cadmium Iodide Merck.

Lustrous tables.—Sol. in water; Insol. in alcohol.—Resolvent, Antiseptic.—Uses: Scrofulous glands, chronic inflammation of joints, chilblains, and skin diseases.—Applied in oint. 1 in 81ard.

Cadmium Sulphate Merck.

White cryst.—Sol. in water, alcohol.—Antiseptic, Astringent.—Uses: Instead of zinc sulphate in eye washes (½—1% solut.).

Caffeine Merck.—Pure.

Theine; Guaranine.—Sol. in abt. 80 parts water, 35 alcohol, 7 chloroform, 500 ether.—Dose: 1—5 grn.—Max D.: 10 grn. single, 30 grn. daily.

Caffeine, Citrated, Merck.—U. S. P.

(Improperly called “Citrate of Caffeine”).—50% caffeine.—White powd.; acid taste.—Sol. in abt. 25 parts water; in mixture of 2 vols. chloroform and 1 alcohol.—Dose: 2—10 grn.

Caffeine Hydrobromate Merck.—True salt.

Glass-like cryst.; reddish or greenish on exposure.—Sol. in abt. 50 parts water, with decomp.—Uses: Chiefly as diuretic hypodermically.—Injection: 4—10 ml of solut. caffeine hydrobromate 10 parts, hydrobromic-acid 1 part, distilled water 3 parts.—Caution: Keep well stoppered, in brown bottles!

Caffeine and Sodium Benzoate Merck.

45.8% caffeine.—White powd.—Sol. in 2—5 parts water.—Uses: By injection, 3—10 grn.

Caffeine and Sodium Salicylate Merck.

62.5% caffeine.—White powd.—Sol. in 2 parts water.—Uses: By injection; in rheumatism with heart disease, and in threatened collapse of pneumonia.—Dose: 2—8 grn.

Calcium Bromide.

White granules; very deliquescent; sharp, saline taste.—Sol. freely in water, alcohol.—Nerve Sedative, like potassium bromide.—Uses: Epilepsy, hysteria, etc.—Dose: 10—30 grn., 2 t. daily.

This manual is a general compendium of the materia medica. Such articles as may be had of the Merck brand are especially so designated throughout the book. When ordering or prescribing these, please specify: Merck!
Calcium Carbonate, Precipitated.

Precipitated Chalk.—**Dose**: 10—40 grn. —Incompatibles: Acids; alum; ammonium chloride.

Calcium Carbonate, Prepared.

Drop Chalk.—Preparations: Comp. Powd. (D., 10—30 grn.); Mercury with Chalk (D., 3—10 grn.); Chalk Mixt. (D., 1—4 fl. drs.); Troches (4 grn.).

Calcium Chloride Merck.—Pure, Fused; or Pure, Cryst.

Sol. in abt. 2 parts water, 8 alcohol; insol. in ether.—**Dose**: 5—20 grn. 3 t. daily, in solut. flavored with tincture orange-peel.

Calcium Glycerino-phosphate Merck.

White cryst. powd.—Sol. in water; alm. insol. in hot water or in alcohol.—Directly assimilable Nerve-tonic and Reconstructive.—Uses: In rachitis, wasting diseases, and convalescence.—**Dose**: 2—5 grn., 3 t. daily, in syrup or solut.

Calcium Hypophosphite Merck.—Purified.

Sol. in abt. 8 parts water; insol. in alcohol.—**Dose**: 10—30 grn.

Calcium Lactophosphate Merck.—Cryst., Soluble.

White, hard crusts.—Sol. in water.—Stimulant and Nutrient.—Uses: Rachitis, and conditions of malnutrition.—**Dose**: 3—10 grn., 3 t. daily.—Preparation: Syr. (D., 1—2 fl. drs.).

Calcium Permanganate Merck.—Highest Purity, Medicinal.

Deliquescent, brown cryst.—Sol. in water.—Uses: Intern., gastroenteritis and diarrhea of children; extern., as other permanganes for mouth lotions and for sterilizing water.—**Dose**: 1—2 grn., well diluted.—(See also Potassium Permanganate.)

Calcium Phosphate, Tribasic.

Precipitated Calcium Phosphate.—Wh., insol. powd.—**Dose**: 10—20 grn.

Calcium Sulphide, so-called,—see Lime, Sulphurated.

Calcium Sulphite Merck.—Pure.

White powd.—Sol. in abt. 20 parts glycerin, 800 water.—Antizymotic.—Uses: Flatulence, diarrhea, and some dyspepsias.—**Dose**: 2—5 grn., in pastilles.

Calomel,—see Mercury Chloride, MILD.

Calumba.

Columbo.—**Dose**: 5—20 grn.—Preparations: F. E. (D., 5—20 min.); Tr. (D., 1—2 fl. drs.).—Incompatibles: Mineral acids; ammonia; infusion cinchona or nutgall; ferric salts; lead acetate; tartar emetic; silver nitrate.

Camphor.

Sol. in abt. 1 part alcohol, 1/2 chloroform, 1 ether, 4 olive oil (slowly), 2 turpentine oil; alm. insol. in water.—**Dose**: 2—5 grn. —Incompatibles: Butyl-chloral hydrate, carbolic acid, chloral.
hydrate, euphorin, menthol, naphtol, resorcin, salol, salicylic acid, thymol, or urethane, in dry trituration; potass. permanganate; water.—Antidotes: Alcohol hypoderm.; ether by inhal. See also "Poisoning and its Treatment," p. 267.—Preparations: Cerate (1:50); Lin. (1:5); Spt. (D., 20–60 min.); Water (as vehicle).

**Camphor, Monobromated, Merck.**
Sol. freely in chloroform, ether, alcohol; alm. insol. in water.—**Dose:** 2–5 grn., in pill or emulsion.—**Incompatibles:** Carbolic acid, chloral hydrate, euphorin, salol, or thymol, in trituration.

**Cannabine Tannate Merck.**
Yellow or brownish powd.; sl. bitter and strong astringent taste. —Sol. in alkaline water or alkaline alcohol; sl. in water or alcohol.—Hypnotic, Sedative.—Uses: Hysteria, delirium, nervous insomnia, etc.—**Dose:** 8–15 grn., at bedtime, with sugar.—Max. D.: 24 grn.

**Cannabis Indica.**
**INIAN HEMP.—Preparations:** Ext. (D., ¼–1 grn.); F. E. (D., 2–5 min.); Tr. (D., 5–20 min.).

**Cantharides.**
**Preparations:** Cerate (32 per cent.); Collodion; Tr. (D., 3–10 min.).—Antidotes: Emetics, flaxseed tea; opium per rectum; morphine subcut.; avoid oils. See also "Poisoning and its Treatment," p. 267.

**Capsicum.**
**CAYENNE PEPPER; AFRICAN PEPPER.—Dose:** 1–5 grn.—**Preparations:** F. E. (D., 1–5 min.); Oleores. (D., ¼–1 grn.); Plaster; Tr. (D., 15–60 min.).—**Incompatibles:** Alum; ammonia; carbonates (alkaline); copper sulphate; ferrous sulphate; infusion nutgall; lead acetate; mercuric chloride; silver nitrate; zinc sulphate.

**Carbamide,**—see UREA.

**Cardamom.**
**Dose:** 5–15 grn.—**Preparations:** Tr. (D., 1–2 fl. drs.); Comp. Tr. (vehicle).—**Incompatibles:** Acids, ferrous salts; mercury bichloride.

**Carnogen.**
Composition not completely divulged.—(Stated: "**Dose:** 2–4 fl. drs., in cold water or sherry, 3–4 t. daily; avoid hot fluids!")

**Cascara Sagrada.**
**Preparations:** F. E. (D., 15–60 min.).

**Castanea.**
**CHESTNUT.—Preparation:** F. E. (D., 1–2 fl. drs.).
Catechu.

Dose: 5–20 grn.—Preparations: Comp. Tr. (D., 1–4 fl. drs.); Troches (1 grn.).—Incompatibles: Mineral acids; albumen; alkalies; calcium salts; infusion cinchona; iron compounds; gelatin; lime-water; mercury bichloride; zinc sulphate.

Celerina.

Composition not completely divulged.—(Stated: "Dose: 1–2 fl. drs.")

Cerium Oxalate Merck.—Pure.

White powd.; odorl.; tastel.—Sol. in dil. hydrochloric acid; insol. in water, alcohol, ether.—Sedative, Nerve- tonic.—Uses: Vomiting of pregnancy, sea-sickness, epilepsy, migraine, chronic diarrhea.—Dose: 1–5 grn.

Chalk.—see Calcium Carbonate.

Chamomilla Compound (Fraser's).

Composition not completely divulged.—(Stated: "Dose: 1 fl. dr., before meals and at bedtime, with tablespoonful hot water.")

Charcoal.

Wood Charcoal.—Dose: 10–30 grn.—Incompatibles: Chlorates, permanganates and other oxidizers.

Chloralamide.

Chloral-formamide.—Colorl., bitter cryst.—Sol. in abt. 21 parts water (slowly), 2 alcohol; decomp. by hot solvents.—Hypnotic, Sedative, Analgesic.—Dose: 15–45 grn.—Incompatibles: Alkalies; silver nitrate; heat.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Trional, Sulfonal, Chloral Hydrate, Chloralamide, Chloralose, and Dormiol.

Chloral, Butyl- or Croton-,—see Butyl-Chloral Hydrate.

Chloral Hydrate Merck.—Loose Cryst.; also Crusts.

Sol. in less than 1 part water, alcohol, ether or glycerin; in abt. 1 part olive oil, 3 chloroform. —Recently recommended also in typhoid fever and in nervous dyspepsia.—Dose: 10–30 grn., in sweetened solut. well dil.; in nervous dyspepsia, 2–5 grn. after meals.—Max. D.: 60 grn.—Contra-Indicated in gastritis; large doses must not be given in heart disease; in children and the aged, use with caution.—Antidotes: Cocaine, strychnine, or atropine, hypodermically; stimulants; inhalations of oxygen or amyl nitrite. See also "Poisoning and its Treatment," p. 268.—Incompatibles: Alcohol, potassium iodide or cyanide or permanganate; borax; alkaline hydrates and carbonates; euphorin; lead acetate; monobromated camphor; diuretin; exalgin; phenacetin; quinine sulphate; salol; sodium phosphate; urea; uréthane. Liquefies when triturated with an equal quantity camphor, car- bolic acid, menthol, or thymol.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Trional, Sulfonal, Chloral Hydrate, Chloralose, Chloralamide, and Dormiol.
Chloralose Merck.
Small colorl. cryst.; bitter, disagreeable taste.—Sol. in alcohol; sl. in water or ether.—Hypnotic.—Uses: Insomnia.—Dose: 3—12 grn.—Caution: If any two or more of the following remedies are prescribed in combination, the total dose must not exceed the maximum dose of any one: Trional, Sulfonal, Chloral Hydrate, Chloralose, Chloralamide, and Dormiol.

Chloretone.
Acetone-Chloroform.—Wh. crys. of camphoraceous odor and taste.—Sol. freely in chloroform, alcohol, ether; in 100 parts water, 7 glycerin.—Local Anesthetic, Hypnotic.—Uses: Painful wounds, burns, etc.; insomnia in the aged; etc.—Dose: 6—20 grn., in tabl.—Extern. in saturated aqueous solut. or 10% oint. or dusting-powder.

Chlorine Water.
0.4 per cent. Cl.—Dose: 1—4 fl. drs.—Antidotes: Albumen; ammonia water; emesis with warm water. See also “Poisoning and its Treatment,” p. 268.—Incompatibles: Alkalies; ammonium salts; arsenous salts; bromides; ferrous salts; hypophosphites; iodides; lead salts; lime-water; mercurous salts; oxalic acid; silver compounds.

Chloroform Merck.—Superior, for Anesthesia; Repurif. and Redistilled.
Sol. in all proportions alcohol or ether; in abt. 200 parts water; freely in olive or turpentine oil.—Dose: 2—5 ml.; preferably as the spirit, dissolved in elixir orange; avoid water.—Max. D.: 20 ml.—Preparations: Emuls. (D., 1—2 fl. drs.); Lin. (3%); Spt. (D., 30—60 min.); Water (D., 1/2—2 fl. oz.).—Antidotes: Vomiting, stomach siphon, cold douche, fresh air, artificial respiration, etc.—Atropine or strychnine hypoderm.; amyl nitrite or ammonia by inhal. See also “Poisoning and its Treatment,” p. 268.—Caution: Keep in dark amber. Never administer as anesthetic near a flame, as the vapor then decomposes, evolving very irritating and perhaps poisonous gases!

Merck’s Chloroform is of the highest attainable purity. It is absolutely free from all by-products that are liable to cause untoward effects.

Chrysarobin Merck.
So-called “Chrysophanic Acid”; Purified Snakeroot.—Sol. sl. in water or alcohol.—Antiparasitic, Reducing Dermic, etc. Not used internally.—Extern. 2—10% oint. or paint.—Preparation: Oint. (5%). Caution: Very dangerous to the eyes!

Chrysarobin Tetra-acetate,—see Lenirobin.
Chrysarobin Tri-acetate,—see Eurobin.
Cicutine,—see Conine.
Cimicifuga.
Black Snakeroot; Black Cohosh.—Dose: 15—80 grn.—Preparations: Ext. (D., 2—6 grn.); F. E. (D., 15—45 min.). (D., 1—2 fl. drs.).
Cimicifugin.
MACROTIN.—Yellowish-brown, hygroscopic powd.—Sol. in alcohol.—Antispasmodic, Nervine, Oxytocic.—Uses: Rheumatism, dropsy, hysteria, dysmenorrhea, etc.—Dose: ½—2 grn.

Cinchona.
Dose: Tonic, 5—15 grn.; antiperiodic, 40—120 grn.—Preparations: Ext. (D., 1—10 grn.); F. E. (D., 5—120 min.); Infus. (D., ½—1 fl. oz.); Tr. (D., 1—2 fl. drs.).—Incompatibles: Mineral acids; alkalies; carbonates; alkaliolomedi precipitants; iron salts; lead acetate; lime-water; magnesia; mercury bichloride; infusion rhubarb; silver nitrate; tartar emetic; zinc sulphate.

Cinchonidine.
Sol. in dil. acids; insol. in water.—Dose: Tonic, 1—2 grn., in pills or syrup; antiperiodic, 15—30 grn., between paroxysms.

Cinchonidine Sulphate.
Sol. in abt. 70 parts alcohol, 150 water; alm. insol. in chloroform or ether.—Dose: Same as of Cinchonidine.

Cinchonine.
Sol. in dil. acids; insol. in water.—Dose: As of Cinchonidine.

Cinchonine Sulphate.
Sol. in abt. 10 parts alcohol, 70 water.—Dose: As of Cinchonine.

Citrophen.
PARAPHENETIDINE CITRATE.—Wh. powd.; acid taste.—Sol. in water.—Antipyretic, Antineuralgic.—Dose: 8—15 grn.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Acetanilid, Phenacetin, Citrophen, Kryofine, Lactophenin, Phenocoll Hydrochlorate, and Triphenin.

Coca.
ERYTHROXYLON.—Preparation: F. E. (D., 20—60 min.).

Cocaine Hydrochlorate Merck.—Highest Purity, Medicinal; Cryst. or Powder.
Sol. in abt. ½ part water, 3½ alcohol, 3 glycerin, 20 chloroform; alm. insol. in ether or oils.—Avoid heat in preparing soluts.—Dose: ½—1½ grn.; best given in powd. sweetened with saccharin (½ grn.), or in tabl.—Max. D.: 2 grn. single; 6 grn. daily.—Antidotes: Chloral, amyl nitrite, paraldehyde, morphone, alcohol, ammonia. See also p. 269.—Incompatibles: Calomel, chloroform water; mercuric oxide; silver nitrate; precipitants of alkaloids in general (see under Atropine).

[Merck's Cocaine Hydrochlorate strictly conforms to the U. S. P. and all other known tests for its purity.]

(Procurable also in Merck's ½-grn. Tablets for making Solutions.—1 tablet added to 30 min. water makes 4% solut.; 1 tablet added to 1 fl. dr. water makes 2% solut.; 1 tablet added to 2 fl. dr. water makes 1% solut.)

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Codeine Merck.—Pure; Cryst. or Powd.
Methyl-Morphine.—Sol. in abt. 120 parts water, 3 alcohol, 2 chloroform, 30 ether.—Dose: 1/2—2 grm.—Injection: 1/4—1 grm.
INCOMPATIBLES: Alkalies; alkaloidal precipitants; ammonium bromide, chloride or valerianate: salts of copper, iron, or lead. morphine.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Morphine or its salts, Codeine or its salts, Dionin, and Heroin.

Codeine Hydrobromate Merck.
Small, white, acicular cryst.—Sol. in water.—Uses: Especially in nervous cough; otherwise same as of Codeine pure.—Dose: Same as of Codeine pure.

Codeine Phosphate Merck.
White powd.—Sol. in 4 parts water; slightly in alcohol.—Best codeine salt for hypodermic use; most sol., least irritating.—Injection: 1/4—1 grm.

Codeine Sulphate Merck.—Cryst. or Powd.
Sol. in abt. 40 parts water.—Uses and Dose: Same as of Codeine.
(Other salts of Codeine are not described because used substantially as the above.)

Colchicine Merck.—Cryst.
Yellow cryst. powd.; very bitter taste.—Sol. in water, alcohol, ether, chloroform.—Alterative, Analgesic.—Uses: Rheumatism, gout, uremia, chronic sciatica, asthma, cerebral congestion, and rheumatic sciatica.—Dose: 1/10—1/2 grm., 2 or 3 t. daily.—Antidotes: Tannin; stimulants, strong coffee; morphine. See also ‘Poisoning and its Treatment,” p. 289.—Incompatibles: Alkalies; acids; tannin.

Colchicum Root.
Preparations: Ext. (D., 1/2—2 grm.); F. E. (D., 2—8 min.); Wine (D., 5—20 min.).—Incompatibles of Colchicum preparations: Tr. iodine, guaiac, and all astringent compounds.

Colchicum Seed.
Preparations: F. E. (D., 3—10 min.); Tr. (D., 20—60 min.); Wine (D., 20—60 min.).

Collargol.
Argentum Credé; Colloidal Silver.—Soluble metallic silver.—Antiseptic.—Uses: Sepsis, lymphangitis, cellulitis, etc.—Dose: 1/4—1 grm. 2 or 3 t. daily.—Extern. mostly in 15% oint. (“Unct. Credé”), 3 drams of this by inunction; also in 1:1000—5000 lotion.

Collodion, Cantharidal, Merck.
(Blistering, or Vesicating, Collodion).—Olive-green, syrupy liq.—Represents 60% cantharides.—Uses: Blister instead of cantharides.

Collodion, Styptic.—U. S. P.
20 per cent. tannic acid.—Uses: Bleeding wounds.
Colocynth.

**Dose:** 3–10 grn. — **Preparations:** Ext. (D., 1–3 grn.); Comp. Ext. (D. 3–10 grn.). — **Incompatibles:** Alkalies; ferrous-sulphate; lead sulphate; lime-water; mercury bichloride; silver nitrate. — **Antidotes:** Same as of Colchicine.

Colocynth (Glucoside) Merck. — *(Not the eclectic “concentration.”)*

Yellow powd. — Sol. in water, alcohol. — Cathartic (not drastic and toxic, as the extract). — **Dose:** 1/4–3 grn. — **Injection:** 1/4 grn.; rectal 4–10 Ml of 4% sol. in equal parts glycerin and alcohol.

Conchine, — see QUINIDINE.

Coniine Hydrobromate Merck.

**Cicutine, or Conicine, Hydrobromate.** — Wh. needles or powd. — Sol. in abt. 2 parts water, 2 alcohol. — Antispasmodic, Antineuralgic, etc. — Uses: Tetanus, cardiac asthma, sciatica and whooping-cough; large doses have been given in traumatic tetanus. — **Dose:** 1/8–1/8 grn. 3–5 t. daily; children, 1/80–1/80 grn. 2–4 t. daily. — **Injection (in tetanus):** 1/8–1/4 grn. — **Antidotes:** Tannin; atropine, strychnine; picrotoxin with castor oil; caffeine, and other stimulants. See also “Poisoning and its Treatment,” p. 269. — **Incompatibles:** Albumen; salts of aluminium, copper, iron, manganese, and zinc.

Conium.

**Hemlock.** — **Preparations:** Ext. (D., 1/2–2 grn.); F. E. (D., 2–5 min.). — **Incompatibles:** Vegetable acids; alkalies; tannin.

Convallaria.

**Lily of the Valley.** — **Preparation:** F. E. (D., 15–30 min.).

Copaiba.

**Balsam, Copaiba or Copaiba.** — Sol. in ether, chloroform, oils, strong alkaline soluts. — **Dose:** 20–60 grn. — **Preparations:** Mass (94 per cent.); Oil (D., 5–15 min.); Resin (D., 5–15 grn.). — **Incompatibles:** Mineral acids; caustic alkalies; calcium hydrate; magnesia; water.

Copper Acetate. Normal.

Sol. in water or alcohol. — **Dose:** 1/4–1 grn., in pills. — **Antidotes (for all copper salts):** Milk and sugar, or white of egg, treely; pure potassium ferrocyanide (10 or 15 grn.). See also “Poisoning and its Treatment,” p. 272.

Copper Arsenite Merck.

Yellowish-green powd. — Sol. in alkalies; slightly in water. — Intestinal Antiseptic, Antispasmodic, Sedative. — Uses: Cholera infantum, dysentery, whooping-cough, dysmenorrhea, etc. — **Dose:** 1/8 grn. every 1/2 hour until relieved, then every hour. — Max. D.: 1 grn. single and daily. — **Antidotes:** As of Arsenous Acid.

Copper Sulphate.

Sol. in abt. 3 parts water, 4 glycerin; insol. in alcohol. — **Dose:** Nervine and alterative, 1/4–1 grn., emetic, 2–5 grn. — **Incompatibles:**

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bales: Alkalies; arsenites; arsenous acid; iodides; lead acetate; lime-water; mercury bichloride; phosphates; silver nitrate; sodium borate; vegetable infusions and tinctures.

Cornutine Citrate Merck.
Brown, very hygroscopic scales or mass.—Sol. in water (incompletely).—Uses: Hemorrhage from genito-urinary organs, paralytic spermatorrhea, etc.—Dose: Hemostatic, $\frac{1}{2}$ grn. 3 t. daily; spermatorrhea, $\frac{3}{2}$ grn. twice daily. Best given in pills.

Corrosive Sublimate,—see MERCURY BICHLORIDE.

Cotarnine Hydrochlorate Merck.
STYPTICIN.—Yellow, microcryst. powd., bitter taste.—Sol. in water or alcohol.—For Action, Dose, etc.,—see STYPTICIN.

Cotton-Root Bark.
EMMENAGOGUE, OXYTOCIC.—Preparation: F. E. (D., 30—60 min.).

Creolin-Pearson.
SAPONIFIED COAL-TAR CREOSOTE, PEARSON.—Dark, syrupy liq.; tar odor.—Sol. in alcohol, ether, chloroform; in water to $2\frac{1}{2}$%, yielding a milky emulsion.—Disinfectant, Deodorizer.—Uses: Non-poisonous substitute for carbolic acid, etc., in general disinfection—apartments, hospitals, school-rooms, etc. Removes odor of iodoform.—EXTERN. in $\frac{1}{2}$ to 2% solut.—Caution: Aqueous solut. should be freshly made when wanted.

Creosotal,—see CREOSOTE CARBONATE.

Creosote from Beechwood, Merck.
Sol. in abt. 150 parts water; miscible in all proportions with alcohol, ether or chloroform, and with up to 3 parts glycerin.—Dose: 1—3 ml, gradually increased to limit of tolerance; in pills, capsules, wine or brandy.—Max. Initial D.: 5 ml single; 15 ml daily.—Incompatibles: Acacia; albumen; cupric, ferric, gold and silver salts; oxidizers.—Caution: Wherever Creosote is indicated for internal medication, Creosote from Beechwood should be dispensed; and under no circumstances should "Creosote from Coal Tar" be given, unless explicitly so directed. Wood Creosote and Coal-tar Creosote differ very widely in their action on the human body: Wood Creosote is comparatively harmless; Coal-tar Creosote decidedly poisonous.—Preparation: Water (D., 1—4 fl. drs.).—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Resorcin, Salol, Aspirin, Salophen, Creosote and Guaiacol or their compounds, and Thiocol.

(MERCK's Beechwood Creosote is absolutely free from the poisonous coeruleinol found in some of the wood creosote on the market, and is guaranteed to meet all the requirements of the U. S. Pharmacopoeia.)

Creosote Carbonate.
CREOSOTAL.—Light-brown, odorl., sl. bitter liq.—Sol. in oils (5 parts cod-liver oil), alcohol, ether; insol. in water.—Antitubercular.—Dose: 20 min., grad. increased to 80 min., 3 t. per day.
Creosote Phosphite.

Phosphotal.—Oily liq.—Sol. in alcohol, glycerin, oils.—Antitubercular, Anticachectic.—Dose: Same as of creosote; in pills, wine, or elixir.

Creosote Valerianate.

Eosote.—Oily liq.—Sol. in alcohol or ether.—Antitubercular, Intestinal Disinfectant.—Dose: 3–10 min. 3 t. daily, in caps. or milk.

Cubebs.

Dose: 15–60 grn.—Preparations: F. E. (D., 15–60 min.); Oil (D., 5–15 min.); Oleores. (D., 10–30 min.); Tr. (D., 1–4 fl. drs.); Troches (¼ min. oleores.).

Cypripedium.

Ladies’ Slipper.—Dose: 15–30 grn.—Preparation: F. E. (D., 15–30 min.).

Dermatol,—see BISMUTH SUBGALLATE.

Diabetin.

Levulose.—Wh. powd.—Sol. in water.—Substitute for sugar in diabetes.

Diastase (of Malt) Merck.—Medicinal.

Yellowish-white to brownish-yellow, amorph. powd.; tastel.—Uses: Aid to digestion of starchy food.—Dose: 1–3 grn., alone or with pepsin.

Diethlysulphone-dimethylmethane,—see SULPONAL.

Diethlysulphone-methylethimethane,—see TRIONAL.

Digitalin, "German," Merck.—(Not the eclectic "concentration.")

Yellowish-white powd.—Sol. in water, alcohol; almost insol. in ether, chloroform.—Non-cumulative, reliable Heart-tonic, Diuretic; well adapted to injection.—Dose: ⅛–1 grn. 3 or 4 t. daily, in pills or tablets, or subcutaneously.—Antidotes: Tannic acid, nitroglycerin, morphine early; strophanthin later; stimulants. See also "Poisoning and its Treatment," p. 270.

Digitoxin Merck.

Most active glucoside from digitalis.—White, cryst. powd.—Sol. in alcohol, chloroform; slightly in ether; insol. in water.—Prompt, powerful Heart-tonic; of uniform chemical composition and therapeutic activity.—Uses: Valvular lesions, myocarditis, etc.—Dose: 25–60 grn. 3 t. daily, with 3 m. chloroform, 60 m.
alcohol, 1 1/2 fl. oz. water; or in tabl.—ENEMA: 1/3 grn. with 10 ml
alcohol, 4 fl. oz. water, 1 to 3 t. daily.—MAX. DAILY D.: 3/5 grn.—
INCOMPATIBLES: Acids and infusions.

(Procurable also in Merck’s 1/8-grn. Tablets.)

Dimethyl-oxo-quinizine,—see Antipyrine.

Dionin.
ETHYL-MORPHINE HYDROCHLORATE Merck.—Wh., faintly bitter, neutral powd.—Sol. in abt. 7 parts water, 2 alcohol, 20 syrup;
insol. in ether, chloroform.—Sedative, Antispasmodic, Analgesic;
Ocular Lymphagogue. Reported to produce neither constipation,
nausea, lassitude, nor tolerance.—Uses: Intern., phthisis, chronic bronchitis, emphysema, asthma, morphinomania, painful
affections, insomnia; extern., corneal affections, dry and chronic
conjunctival catarrh, iritis, opacity of vitreous humor.—DOSE:
1/3 to 1 grn., in tabl., pills, or solut.—INJECTION in morphinism:
1—2 grn. per dose, 3—15 grn. per day.—EXTERN. (eye diseases)
in 10—20% soluts., or pure.—CAUTION: When prescribing two
or more of the following remedies in one prescription, the aggregate
of the doses should not exceed the maximum dose of any single one of the group: Morphine or its salts, Codeine or its
salts, Dionin, and Heroin. [Further information in “Merck’s Digest” on Dionin, containing clinical reports and formulas.]

(Procurable also in Merck’s 1/8-grn. Tablets.)

Diovinbursin.
Composition not completely divulged. (Stated: “DOSE:
10—30 M.”)

Dithymol Di-iodide,—see Aristo.

Diuretin.
Wh., odorl. powd.; decomp. on exposure.—Sol. in water.—Diuretic.—Uses: Dropsy; Bright’s disease, especially that following
scarlet fever.—DOSE: 15 grn. 5 or 6 t. daily, in powd. or caps.,
followed by water.—INCOMPATIBLES: Acids; bicarbonates; bo-
rates; chloral hydrate; ferric chloride; phosphates.

Dormiol.—50% Solution.
Pure Dormiol (Amylene-choral Kalle; Dimethylethylcarbinol-
chloral) is a colorl. liq.; pungent, camphoraceous odor; cooling
taste.—Sol. slowly but freely in hot water; miscible in all propor-
tions with alcohol, ether or fatty oils.—Hypnotic, Nerve Sedative;
reported free from drawbacks of chloral hydrate. For convenience
of dispensation Dormiol is marketed in 50% solution.

DOSE (of SOLUT.): 15—60 min., dil. with 4 parts water (mak-
ing a 10% solut. of dormiol pure).—CAUTION: When prescribing two
or more of the following remedies in one prescription, the aggregate
of the doses should not exceed the maximum dose of any single one of the group: Trional, Sulfonal, Chloral Hydrate, Chloralamide, and Dormiol.

Dover’s Powder,—see under Opium, Powdered.

Duboiseine Sulphate Merck.
Yellowish, very deliquescent powd.—Sol. in water, alcohol.—
Hypnotic, Sedative, Mydriatic.—Uses: Principally as mydriatic,
much stronger than atropine; also in mental diseases, usually
hypodermically.—DOSE: 1/5—3/5 grn.—EXTERN. in 0.2 to 0.8%
solut.—INCOMPATIBLES: Same as of Atropine.

Duotal,—see Guaiacol Carbonate.

THIS MANUAL IS A GENERAL COMPREHENDICN OF THE MATERI& MEDICA. SUCH ARTICLES AS MAY BE OF THE MERCK BRAND ARE ESPECIALLY SO DESIGNATED THROUGHOUT THE BOOK. WHEN ORDERING OR PRESCRIBING THESE, PLEASE SPECIFY: MERCK.
Elaterin Merck.—Cryst.
Cryst. powd.; very bitter taste.—Sol. in abt. 300 parts alcohol, 3
chloroform; sl. in ether; insol. in water.—Drastic Purgative.—
Uses: Ascites, uremia, pulmonary edema, poisoning by narcoties, etc.—**Dose:** $\frac{1}{3}-\frac{1}{2}$ grn., in powd., with trace of sac-
charin.

Elaterium Merck.—(According to Clutterbuck.)
**Dose:** $\frac{1}{6}$ grn.

Emetin (Resinoid) Merck.—*(Do not confound with the
Alkaloid!)*
Yellowish-brown lumps.—Emetic, Diaphoretie, Expectorant.—
**Dose:** Emetic; $\frac{1}{4}$—$\frac{1}{3}$ grn.; expectorant, $\frac{1}{3}$—$\frac{1}{2}$ grn.

Emetine (Alkaloid) Merck.—Pure.—*(Do not confound with
the Resinoid!)*
Brownish powd.; bitter taste; darkens on exposure.—Sol. in al-
cohol, chloroform; slightly in ether; very slightly in water.—
Emetic, Expectorant.—**Dose:** Emetic, $\frac{1}{8}$—$\frac{1}{6}$ grn.; expectorant, $\frac{1}{6}$—$\frac{1}{5}$ grn.—**INCOMPATIBLES:** Same as of alkaloids in general
(see under Atropine).

Eosote,—see CREOSOTE VALERIANATE.

Ergot.
**Dose:** 20—90 grn.—**Preparations:** Ext. (D., 5—15 grn.); F. E.
(D., $\frac{1}{2}$—2 fl. drs.); Wine (D., 2—8 fl. drs.).

Ergot Aseptic.
Standardized, sterilized preparation of ergot for hypodermatic
use; free from extractive matter and ergotinie acid. Each Cc.
(16 ml) bulb represents 2 Gm. (30 grn.) ergot.

Ergotin (Bonjean) Merck.—*(Not the eclectic "concentration.")
Alcohol-purified aqueous extract ergot.—Sol. in water.—**Dose:**
3—10 grn.—**INCOMPATIBLES:** Astringents and metallic salts in
solut.—**ANTIDOTES:** Tannin; opium; nitroglycerin. See also
"Poisoning and its Treatment," p. 270.—**CAUTION:** Decomposes
in solut.; should be sterilized and kept with great care.

Ergotole.
Liq. prepar. of ergot, $\frac{1}{2}$ times strength of U. S. P. fl. ext.—**Used
chiefly by injection:** 5—20 min.

Eriodictyon.
**YERBA SANTA.—Preparation:** F. E. (D., 20—60 min.).

Erythrol Tetranitrate Merck.—Tablets.
Cryst. mass, exploding on percussion; therefore off the market
only in tablets with chocolate, each containing $\frac{1}{3}$ grn. of the medi-
cament.—Vasomotor Dilator and Antispasmodic, like nitrogly-
cerin.—Uses: Angina pectoris, asthma, etc.; reported especially
useful as a prophylactic in preventing anginal pain.—**Dose:**
1—2 tablets every 4—6 hrs.

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Eserine Salicylate Merck.

Physostigmine Salicylate.—Slightly yellowish cryst.—Sol. in abt. 150 parts water, 15 alcohol, solut. reddens on keeping.—Antitetanic, Myotic.—Uses: Tetanus, tonic convulsions, strychnine poisoning, etc.; in 1/3 solut. to contract pupil.—Dose: 1/20—1/5 grn.—Max. D.: 1/2 grn.—Incompatibles: Same as of alkaloids in general (see under Atropine).—Antidotes (for all eserine salts): Atropine or strychnine subcut.; chloral; stimulants. See also "Poisoning and its Treatment," p. 271.

Eserine Sulphate Merck.

Physostigmine Sulphate.—Yellowish, very deliquescent powd.; bitter taste; rapidly reddens.—Sol. easily in water, alcohol.—Uses, Doses, etc.: Same as of Eserine Salicylate.

Ether.

Sulphuric Ether.—Dose: 10—40 min.—Antidotes: Fresh air, ammonia. See also "Poisoning and its Treatment," p. 271.—Caution: Vapor inflammable!—Preparations: Spt. (D., 30—60 min.); Comp. Spt. (D., 30—60 min.).

Ethyl Bromide Merck.—Highest Purity, Medicinal.

Hydrobromic Ether.—Colorl., inflammable, volatile liq.; burning taste, chloroform odor.—Sol. in alcohol, ether, chloroform.—Local Anesthetic, Nerve Sedative.—Uses: Minor surgery, spray in neuralgia, etc.; epilepsy, hysteria, etc. [It is of great importance to have a pure article for internal use, since with an impure one, alarming after-effects may occur; Merck's is of the highest purity attainable.]—Dose: 150—300 ml for inhalation; by mouth, 5—10 drops on sugar, or in capsules.—Incompatibles: Alkalies; ammonia water.—Caution: Keep from light and air! This is not Ethylene Bromide, which is poisonous!

Ethyl Chloride Merck.

Gas at ordinary temperatures and pressures: when compressed, colorl. liq.—Sol. in alcohol.—Local Anesthetic—Uses: Minor and dental surgery, and neuralgia, as spray; heat of hand forcing the stream from the tubes. Hold 6—10 inches away from part.—Caution: Highly inflammable!

Ethyl Iodide.

Hydriodic Ether.—Clear neutral liq.; rapidly turns brown on keeping.—Sol. in alcohol, ether; insol. in water.—Alterative, Antispasmodic, Stimulant.—Uses: Intern., chronic rheumatism, scrofula, secondary syphilis, chronic bronchitis, asthma, chronic laryngitis, and by inhalation in bronchial troubles; extern., in 10—20% oint.—Dose: 5—15 ml several t. daily, in capsules or on sugar; inhal., 10—20 drops.—Caution: Even in diffused daylight Ethyl Iodide decomposes quite rapidly, the light liberating iodine which colors the ether. When not exposed to light at all the decomposition is very slow; and with the least practicable exposure by care in using it, it is not rapid. The decomposition is rendered still slower by the presence in each vial of about 10 drops of a very dilute solution of soda. When deeper than a pale wine color, it should be shaken up with 5 or 10 drops of such solution.

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Ethyl-morphine Hydrochlorate Merck.

Dionin.—Wh., faintly bitter powd.—Sol. in abt. 7 parts water, 2 alcohol, 20 syrup; insol. in chloroform or ether.—For Action, Dose, etc.,—see Dionin.

Ethylene-ethenyl-diamine,—see Lysidine.

Eucaine, Alpha.-

Wh. powd.—Sol. in abt. 10 parts water, 3 alcohol.—Local Anesthetic, like cocaine.—Applied to mucous surfaces in 1—5% solut.—Subcut. 15—60 min. of 6% solut.

Eucaine, Beta.-

Wh. powd.—Sol. in abt. 23 parts water, 14 alcohol.—Local Anesthetic, specially intended for ophthalmologic use.—Applied in 2% solut.

Eucalyptol Merck.—Highest Purity, Medicinal.

Cineol.—Sol. in all proportions in alcohol, ether, chloroform, fatty oils; alm. insol. in water.—Dose: 5—15 m1 or 5 t. daily, in caps. or sweetened emulsion, or on sugar.—Injection: 8—15 m1 of mixture of 2—5 eucalyptol and 10 liq. paraffin.—Incompatible with potass, permangan.

Eucalyptus.

Preparation: F. E. (D., 5—20 min.).—See also Oil Eucalyptus and Eucalyptol.

Eudoxine.

Bismuth salt of nosophen.—Odorl., tastel., insol. powd.; 52.9% iodine.—Intest. Antiseptic and Astringent.—Dose: 5—15 grn. 3—5 t. daily.

Eugallol.

Pyrogallol Monoacetate Knoll.—Dark-yellow, syrupy liq.; marketed only in 66% solut. in acetone.—Sol. in water.—Succedaneum for Pyrogallol in obstinate chronic psoriasis; very vigorous in action.—Applied usually pure, as paint once daily, followed in half hour by ziac-oxide powder or paste.

Eugenol Merck.—Pure.

Eugenic Acid; Caryophylllic Acid.—Colorl., oily liq.; spicy odor; burning taste.—Sol. in alcohol, ether, chloroform, solut. caustic soda.—Antiseptic, Antitubercular, Local Anesthetic.—Uses: Extern., oint. with lanum in eczema and other skin diseases, local anesthetic in dentistry, etc.; intern., tuberculosis, chronic catarrhs, etc.—Dose: 8—30 ml.—Max. D.: 45 ml.—Incompatibles: Alkalies; ferric chloride; potassium permanganate.

Eumenol.

Fluid Extract Tang-kui (Kau-kui; Man-mu; Schan-ki) Merck.—Emmenagogue, Uterine Sedative.—Uses: Chiefly amenorrhea and dysmenorrhea.—Dose: 1 fl. dr. 3 t. daily, in sweetened water.

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Eunatrol.—Pills.
SODIUM OLEATE ZIMMER.—Wh. powd.—Cholagogue; reported free from all injurious effect.—Uses: Chiefly biliary lithiasis.—**Dose**: 15 grn. morning and evening, with meals; as chocolate-coated pills (in which form only the preparation is marketed).

Eupeptic Hypophosphites.
Composition not completely divulged.—(Stated: "**Dose**: Teaspoonful 3 t. daily."")

Euphorin Merck.—(Not Europhen.)
PHENYL-ETHYL URETHANE.—Colorl. needles; clove taste.—Sol. in alcohol, ether, sl. in water.—Anodyne, Antiseptic.—Uses: Intern., rheumatism, tuberculosis, headache, and sciatica; extern., dusting-powd. in venereal and other skin diseases, ulcers.—**Dose**: 8—15 grn. 2—3 t. daily.—INCOMPATIBLES: Antipyrine; camphor; monobrom. camphor; carbolic acid; chloral hydrate; menthol; resorcin; salol; thymol; urethane. —CAUTION: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum of any single one of the group: Euphorin, Neurodin, and Thermodin.

Euphthalmine Hydrochlorate.
Wh. powd.—Sol. in water or alcohol.—Mydriatic; transitory action.—EXTERN. in 2—5% soluts.

Euquinine.
QUININE CARBONIC ETHER, ZIMMER.—Tastel., light, fleecy conglomerations of white needles.—Sol. in alcohol, ether, chloroform; slightly sol. in water.—Succedaneum for other quinine salts, internally. Reported not to derange the stomach or intestines; to cause no bitter eructations, nausea, or vomiting; to produce cinchonism more rarely and less intensely than quin. sulph.—**Dose**: Same as of quin. sulph., in powd. or tabl., or with soup, milk or cacao. ["Merck's Digest" on Euquinine contains clinical reports and formulas.]
(Procurable also in Merck's 2-grn. and 5-grn. crushable Tablets.)

Euresol.
RESORCIN MONOACETATE KNOLL.—Viscid, yellow mass; readily pulverizable.—Succedaneum for Resorcin, externally.—Uses: Acne, sycoeris, seborrhea, etc.—EXTERN. in 5 to 20% oints.

Eurobin.
CHRYSPAROBIN TRIACETATE KNOLL.—Sol. in chloroform, acetone, ether; insol. in water.—Succedaneum for Chrysarobin.—EXTERN. in 1 to 20% solut. in acetone, with 5 to 10% of saligalol.

Europhen.—(Not Euphorin.)
ISO-BUTYL-OR tho-CRESOL IODIDE.—Yellow powd.; 27.8% iodine.—Sol. in alcohol, ether, chloroform, fixed oils; insol. in water or glycerin. —Antisyphilitic, Surgical Antiseptic.—**Dose**: (by inject.): ½—1½ grn. once daily, in oil.—EXTERN. like iodoform.

Extract, Bone-Marrow, (Armour's).
Composition not completely divulged.—(Stated: "**Dose**: 1—2 fl. drs., in water, milk, or wine, 3 t. daily.")

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Extract, Cod-Liver Oil, Merck.

GADUOL.—Brown, oily liq.; contains the alterative principles of 25 times its weight cod-liver oil.—For Dose, Etc.,—see GADUOL.

Extract, Ergot, Aqueous, Soft,—see ERGOTIN.

Extract, Goulard's,—see SOLUTION, LEAD SUBACETATE.

Extract, Licorice, Purified, Merck.—Clearly soluble.

PURE EXTRACT GLYCRRHIZA.—Used to cover taste of bitter mixtures, infusions, or decoctions; also as pill-excipient. Enters into Comp. Mixt. Glycyrrhiza.

Extract, Male Fern, Merck.

OLEORESIN MALE FERN; OLEORESIN ASPIDIUM.—Thick, brown liq., bitter, unpleasant taste. Efficacious and safe Anthelmintic. —Dose: In Tienia solium (the usual kind of tape-worm) 2½—3 drams, in Tienia meciocanellata 3—4 drams; taken in 3 portions at intervals of ½ hr., in capsules, followed if necessary in 1—2 hours by calomel and jalap.

(MERCK'S Extract of Male Fern exceeds the requirements of the U. S. P., and conforms to the stricter demands of the Th. G. III. Merck's preparation is made from rhizomes of a pistachio-green color inside, and only the crop of each current year is used.)

Extract, Malt, Merck.—Dry, Powd.

Contains maximum amount diastase, dextrin, dextrose, protein bodies, and salts from barley.—Tonic, Dietetic.—Uses: Children, scrofulous patients, dyspeptics, etc. Dose: 1—4 drams.

Extract, Man-mu, Fluid, Merck,—see Eumenol.

Extract, Muira-puama, Fluid, Merck.

Aphrodisiac, Nerve-stimulant.—Uses: Sexual debility, senile weakness, etc.—Dose: 15—30 Ml 3 or 4 t. daily.

Extract, Opium, Aqueous.—U. S. P.—Dry.

Dose: ¼—1 grn.—Max. D.: 2 grn. single; 5 grn. daily.

Extract, Pichi, Fluid.

Uses: Catarrh of genito-urinary organs; renal and vesical calculi.—Dose: 15—60 Ml.

Extract, Suprarenal Capsule, Merck.

HEMOSTATIC EXTRACT SUPRARENAL CAPSULE.—Brown, light particles.—Sol. freely but with turbidity in water.—Vasoconstrictor, Astringent, Styptic.—Uses: EXTERN., in eye and nose operations (prior to cocaine), conjunctivitis, vascular keratitis, episcleritis, glaucoma, capillary hemorrhages; hypoderm., in acute cardiovascular paresis occurring in infectious diseases such as typhoid fever; INTRAVEN., in chloroform asphyxia.—Dose: (hypoderm. or intraven.): 1—2 fl. drs. of 1½ solut., 2 or 3 t. daily if required.—EXTERN. in 10—30% soluts.—Caution: Solution should be prepared fresh each time, with newly-sterilized distilled water.

Extract, Thyroid, Merck,—see Thyroidin.

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Ferratin.

Peculiar acid albumin with iron.—Brown, tastel., insol. powd.—Hematinic.—Dose: 5—15 grn. 3 t. daily, in tabl. or with milk.

Ferropyrlne.

FERRIC-CHLORIDE-ANTIPYRINE KNOLL; FERRIPYRINE. — 64% antipyrine, 12% iron, 24% chlorine.—Orange-red non-hygroscopic powd.—Sol. in abt. 5 parts water, 9 boiling water; also in alcohol; insol. in ether.—Hematinic, Styptic, Astringent, Antineuralgic.—Uses: Intern., anemia, chlorosis, migraine, headache, neuralgia; extern., gonorrhea, nosebleed, etc.—Dose: 5—15 grn., with peppermint-oil, sugar, or in solut.—Extern. in 1—1½% solut. for gonorrhea; 20% solut. or pure for hemorrhages.—Incompatibles: Alkalies; bicarbonates; carbonates.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Antipyrine, Ferropyrlne and Salipyrine.

Firwein (Tilden's).

Composition not completely divulged.—(Stated: "Dose: 1—2 fl. drs., before meals.")

Fluorol,—see SODIUM FLUORIDE.

Foods and Dietetic Products.

"ALLENBURY'S" Milk Foods Nos. 1, 2; and Malted Food; "for progressive infant feeding."

BOVININE.—"Unaltered bovine blood."

CARNICK'S SOLUBLE FOOD.

ESKAY'S ALBUMENIZED FOOD.

GARANTOSE.—Hygienic Substitute for Sugar as a sweetener.—See under "G."

GLOBON.—See under "G."

HEMABOLOIDS.—"Iron-bearing nucleo-albumins, reinforced by bone-marrow extract, and antiseptically treated with nuclein."

IMPERIAL GRANUM.—"Unsweetened food, prepared from the finest growth of wheat; contains no glucose, cane sugar, or malt."

INFANT FOOD, Keasbey & Mattison's.

JUST'S FOOD.—"Soluble, dry extract barley-malt and other cereals, for aiding digestion of milk."

LIEBIG'S SOLUBLE FOOD.

Malted Milk, Horlick's.

MELLIN'S FOOD.—"Consists of dextrin, maltose, albuminates, and salts."

M ilkine.—"Concentrated combination of cow's milk, malted cereals, and prime, lean beef."

NESTLÉ'S FOOD.—"40% sugar, 5% fat, 15% proteids, 30% dextrin and starch."

N U T R O S E.—"Casein-sodium."

PANOPETTONE.—"Bread and beef peptone; containing entire edible substances of prime, lean beef, and best wheat flour."

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Peptogenic Milk Powder.—"For modifying cow's milk."
Peptonoids, Beef.—"From beef and milk, with gluten."
Peptonoids, Liquid.—"Beef Peptonoids in cordial form."
Plasmon.—"Pure, natural proteid; contains neither sugar nor fat; soluble."
Sanose.—"80% purest casein, 20% purest albumose."
Somatose.—"Deutero- and hetero-albumoses."
Tropon.—"Natural albumin; not acted upon by water."

Formaldehyde.
Aqueous solut. formaldehyde gas (formic aldehyde; oxymethylene); about 35%.—Colorl., volatile liq.; pungent odor.—Non-corrosive Surgical and General Antiseptic (in wounds, abscesses, etc., for clothing, bed-linen, walls, etc.); Antihydrotic; Preservative of collyria and anatomical or botanical specimens.—Applied in vapor or solut.: In surgery, 1/4—1/2 solut.; general antisepsis, 1/4—2% solut. or in vapor; phthisis, 2% spray or inhal.; excessive perspiration, 1—2% soluts.; for collyria, 1/3% solut.; for hardening anatomical specimens, 4—10% soluts.—Incompatibles: Ammonia, alkalies; tannin and iron preparations; gelatin; bisulphites; salts of copper, iron, or silver salts.—Antidotes: Solut. ammon. acetate intern.; ammonia by inhal.

[Many brands of this preparation are sold under special names, such as "Formalin," "Formol," etc. Commercial Formaldehyde contains copper, methyl alcohol, and other impurities that render it unfit for use in or on the human body. Only the medical grade is eligible for therapeutical purposes.]

Formalin or Formol,—see Formaldehyde.

Formin.
Hexamethylene-tetramine Merck; identical with Aminoform and Urotropin.—Minute cryst.—Sol. in water; sl. in alcohol.—Uric-acid Solvent and Genito-urinary Antiseptic.—Uses: Gout, cystitis, etc.—Dose: 7 1/2—15 grn. 2 or 3 t. daily, in water.

(Procurable also in Merck's 7 1/2-grn. Tablets.)

Formin Salicylate,—see Saliformin.

Frangula.
Buckthorn.—Laxative.—Preparation: F. E. (D., 15—30 min.).

Freligh's Tonic.
Composition not completely divulged.—(Stated: "Dose: 5—10 drops in tablespoonful water.")

Fuchsine, Medicinal, Merck.
Rosaniline, and Pararosaniline, Hydrochlorate; Magenta; Roseine.—Free from arsenic.—Sol. in water.—Antiseptic, Antinephritic.—Uses: Intern., nephritis, cystitis; said to reduce anaasarca and arrest albuminuria.—Dose: 1/2—3 grn., several t. daily, in pills.—Caution: Do not confound with Fuchsine Dye!
GaduoL.
Alcoholic Extract Cod-Liver Oil, Merck.—Brown, oily liq.; contains the alternative principles of cod-liver oil (iodine, bromine, phosphorus, and alkaloids).—Alterative, Nutrient.—Uses: Instead of cod-liver oil. —Dose: 5—30 Ml, as elixir or wine.—[Further information in “Merck’s Digest” on GaduoL, containing detailed information, formulas, etc. For convenience of dispensation and administration, Merck & Co. prepare a “Wine of Cod-liver Oil” from GaduoL; complete working formula on label.]

Gaiacophosphal,—see Guaiacol Phosphite.

Gall, Ox, Purified, Merck.—U. S. P.
Laxative, Digestive.—Uses: Typhoid fever, deficiency of biliary secretion, etc.—Dose: 2—5 grn., several t. daily, in capsules or pills.

Gamboge.
Dose: 1—5 grn.—Enters into Comp. Cathartic Pills.

Garantose.—Refined.
Benzoylsulphonic Imide, Heyden; Gluside; Saccharin.—White powd.; fully 550 times as sweet as cane sugar.—Sol. in abt. 50 parts ether, 30 alcohol, 400 water. Alkaline carbonates increase solubility in water.—Non-fermentable Sweetener.—Uses: Sweeten food of diabetics and dyspeptics; cover taste of bitter and acrid remedies.

Garantose.—“Crest.”
Sodium Benzoylsulphonic-Imide Heyden; Soluble Saccharin.—Freely sol. in cold water and other fluids.

Gelanthum.
Acc. to Unna an ideal water-soluble vehicle for the application of dermies. Said to form a smooth, homogeneous covering without tendency to stickiness; not to stain the skin or linen; to readily take up 50% ichthyl, 40% salicylic acid, resorcin, or pyrogallol, 5% carbolic acid, and 1% mercuric chloride; to keep insoluble drugs well suspended.

Gelseminine (Alkaloid) Merck.—(Not the resinoid Gelsemiin or Gelsemin.)
White microscopic cryst.—Sol. in alcohol, ether, chloroform.—(The hydrochlorate and sulphate are sol. in water.)—Antineuralgic, Antispasmodic.—Uses: Neuralgia, rheumatism, dysmenorrhæa, etc.; also antidote to strychnine.—Dose: 1/16—1/4 grn.—Max D.: 1/4 grn. single, 1/2 grn. daily.—Incompatibles: Same as of alkaloids in general (see under Atropine).—Antidotes: Atropine; strophanthin; stimulants. See also “Poisoning and its Treatment,” p. 271.
(The salts of Gelseminine are not described because used substantially as the above.)

Gelsemium.
Yellow Jasmine.—Preparations: F. E. (D., 2—5 min.); Tr. (D., 10—30 min.).—See also Gelseminine.

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Gentian.

**Dose:** 10–30 grn. — **Preparations:** Ext. (D., 2–6 grn.); F. E. (D., 10–30 min.); Comp. Tr. (D., 1–2 fl. drs.). — **Incompatibles:** Iron salts; lead acetate.

**Geosote,—** see Guaiacol Valerianate.

Ginger.

**Dose:** 5–20 grn. — **Preparations:** F. E. (D., 5–20 min.); Oleores. (D., 1/2–2 min.); Tr. (D., 15–60 min.); Troches (3 min. Tr.); Syr. (D., 2–8 fl. drs.).

Globon.

Albumin obtained by chemical decomp. of paranucleoproteids. — Yellowish, dry, odorl., tastel. powd. — Sol. in 70% to 80% alcohol, in artificial gastric juice; insol. in water. — Nutritive and Reconstructive; reported very easily assimilated. — Uses: To increase nutritive value of other foods—as its albumin content is greater than that of meat or milk—in acute diseases, convalescence, anemia, gastric affections, diabetes, gout; also in children.—

**Dose:** 1/2–1 dram several t. daily, best taken with amylaceous food; children, 1/4–1/2 as much.

Gluside,— see Garantose.

Gutol.

**FORMALDEHYDE-GELATIN.** — Wh. powd.; insol. in water or alcohol. — Protective Vulnerary. — EXTERN. pure.

Glycerin Tonic Compound (Gray’s).

Composition not completely divulged. — (Stated: "**Dose:** 1/2 fl. oz., before meals, in water.")

Glyco-thymoline.

Composition not completely divulged. — (Stated: "**Dose:** 1 fl. dr., diluted. — EXTERN. in 20% solut.")

Glycozone.

Composition not completely divulged. — (Stated: "**Dose:** 1–2 fl. drs. — ENEMA: 1/2–1 fl. oz. in 1–2 pints water.")

Glycyrrhiza.

**LICORICE Root.** — **Preparations:** Ext. and F. E. (vehicles); Comp. Powd. (D., 1–2 dr.); Comp. Mixt. (D., 2–4 fl. drs.); Troches Glyc. and Opium (one-twelfth grn. opium).

Glycyrrhizin, Ammoniated.

Brownish-red, sweet scales. — Sol. in water or alcohol. — Expectorant, Demulcent. — Uses: Chiefly with bitter or neutral medicines, to cover taste; also in coughs. — **Dose:** 5–15 grn. — Incompatibles: Acids; alkalies; metallic salts.

Gold Chloride.

**AURIC CHLORIDE.** — Brown, very deliquescent, cryst. masses. — Sol. in water, alcohol. — Antitubercular, Alterative. — Uses: Phthisis and other tubercular affections; lupus. — **Dose:** 1/2–1/2 grn. — **Antidotes:** See p. 272. — Caution: Keep dry and from light!
Gold Iodide.

Aurous Iodide.—Greenish or yellow powd.—Insol. in water; decom. by alcohol or ether.—Alternative.—Uses: Scrofula and tuberculosis.—Dose: $\frac{1}{16} - \frac{1}{4}$ grn.

Gold Monobromide.

Aurous Bromide.—Yellowish-gray, friable masses.—Insol. in water.—Anti-epileptic, Anodyne, Nervine.—Uses: Epilepsy, migraine, etc.; said to act, in small doses, quickly and continuously, without bromism.—Dose: Anti-epileptic, $\frac{1}{15} - \frac{1}{4}$ grn. 2 or 3 t. daily, in pills; anodyne, $\frac{1}{10}$ grn. 2 t. daily. Children, half as much.

Gold Monocyanide.

Aurous Cyanide.—Yellow crystalline powd.—Insol. in water, alcohol, or ether.—Dose: $\frac{1}{6} - \frac{1}{4}$ grn. several t. daily in pills.

Gold Tribromide.

Auric Bromide.—Dark-brown powd.—Sol. in water, ether.—Uses, Dose, etc.: Same as of Gold Monobromide.

Gold Tricyanide.

Auric Cyanide.—Colorl. hygroscopic plates.—Sol. in water, alcohol.—Uses: Antitubercular.—Dose: $\frac{1}{40} - \frac{1}{10}$ grn.

Gold and Sodium Chloride.

Sol. freely in water.—Dose: $\frac{1}{4} - \frac{1}{4}$ grn.—Incompatibles: Silver nitrate; ferrous sulphate; oxalic acid; alkalies, alkaloids; arsenites; hypophosphorous acid; mercurous and ferrous salts; organic substances; potass. iodide; sulphurous acid; vegetable infusions.

Grindelia.

Preparation: F. E., (D., 20—60 min.).

Guaiac.

Resin Guaiac.—Sol. in alcohol, ether, chloroform, alkaline soluts; insol. in water.—Dose: 5—15 grn.—Preparations: Tr. (D., 20—60 min.); Ammon. Tr. (D., 1—2 fl. drs.).—Incompatibles: Mineral acids; acacia; chlorine water; ferric and gold chlorides; permanganates; spt. nitrous ether; metallic salts.

Guaiacol Merck.

Colorl., limpid, oily liq.; characteristic aromatic odor.—Sol. in alcohol, glycerin, fixed oils, ether; 200 parts water.—Antitubercular, Antiseptic, Antipyretic, Local Anodyne.—Uses.—Intern., phthisis, lupus, and intestinal tuberculosis, etc.; extern., epididymitis, surgical tuberculosis, pleurisy, etc.—Dose: 2 ml 3 t. daily, gradually increased to 15 ml, in pills, or in 1—2% solut. brandy, wine, etc., after meals.—Extern. (Analgesic and Antipyretic): 15—30 ml, pure or with equal parts glycerin or oil.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Resorcin, Salol, Aspirin, Salophen, Creosote and Guaiacol or their compounds, and Thiocol.

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Guaiacol Benzoate,—see Benzsol.

Guaiacol Carbonate.

Duotal.—Small, wh., odorl., tastel. cryst.—Sol. sl. in alcohol or glycerin; insol. in water. —Antitubercular. — **Dose**: 4—8 grn. 2 or 3 t. daily, gradually increased to 90 grn. a day if necessary, in powd.

Guaiacol Phosphite.

Gaiacophosphal.—V/a. powd.; pungent taste.—Sol.: in alcohol, glycerin, oils. —Antitubercular, etc., like guaiacol. — **Dose**: Same as of Guaiacol; in pills, elixir, or wine.

Guaiacol Valerianate.

Geosote.—Yellow, oily liq.; smoky odor; sweetish, turning to bitter, taste.—Antitubercular; Intestinal Disinfectant. — **Dose**: 3—10 ml 3 t. daily, in caps.

Guaranine,—see Caffeine.

Haema-, Haemo--, see under Hema-, Hemo-, etc.

Hamamelis.

Witchhazel.—Preparation: F. E. (D., 15—60 min.).

Hedeoma.

Pennyroyal.—Preparations: Oil (D., 3—10 min.): Spt. (extern. use).

Hematoxylon.

Logwood.—Preparations: Ext. (D. 10—20 grn.).—Incompatibles: Acids; ammonia; alum; infus. cinchona; copper sulphate; ferrous sulphate; lead acetate; opium; tartar emetic.

Hemogallol.

Hemoglobin Deoxidized by Pyrogallol Merck.—Reddish-brown powd. containing iron in condition for easy assimilation.—Insol. in water, alcohol, etc.—Hematinic, Constructive, Tonic.—Uses: Anemia, chlorosis, chronic nephritis, diabetes, and in convalescence; reported to be readily transformed into blood coloring-matter in debilitated people, and to be superior as a hematinic to inorganic preparations of iron.—**Dose**: 4—8 grn. 3 t. daily, ½ hour before meals, in powd. with sugar, or in tablets.

(Procurable also in Merck's 4-grn. crushable Tablets.)

Hemoglobin Merck.

Brownish-red powd. or scales.—Sol. in water.—Hematinic.—Uses: Anemia, chlorosis, etc.—**Dose**: 20—40 grn. 3 t. daily, in wine or syrup.

**This Manual is a General Compendium of the Materia Medica. Such Articles as may be had of the Merck Brand are especially so designated throughout the book. When ordering or prescribing these, please specify: Merck!**
Hemoglobin Deoxidized by Zinc Merck.—Dark-brown powd., containing easily assimilable iron, with slight traces of zinc oxide. Hematinic, Antichlorotic.—Uses: Anemia and chlorosis, neurasthenia, etc.—Dose: 2—8 grn., before meals, in powd. with sugar, or in wafers.

Heroin.
Diacetyl-morphine.—Wh., bitter powd.—Sol. in acidul. liquids; insol. in water.—Cough-sedative, Antispasmodic.—Uses: Phthisis, bronchitis, asthma, etc.—Dose: 1/2—1 (1) grn.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Morphine or its salts, Codeine or its salts, Dionin, and Heroin.

Heroin Hydrochlorate.
Wh., bitter powd.—Sol. in water, alcohol; insol. in ether.—Action, etc.: As of Heroin.

Hetol,—see Sodium Cinnamate.

Hexamethylene-tetramine Merck.
Formin.—Minute cryst.—Sol. in water; sl. in alcohol.—For Action, Dose, etc.,—see Formin.

Hexamethylene-tetramine Salicylate Merck.
Saliiformix.—Wh. powd.—Sol. easily in water or alcohol.—Action, Dose, etc.,—see Saliiformix.

Hexamethylene-tetramine-tannin,—see Tannopine.

Holocaine Hydrobromate Merck.
Wh. cryst. powd.—Sol. in abt. 50 parts water, 6 alcohol; not decomp. on boiling.—Local Anesthetic, like cocaine. —Uses: Chiefly in eye diseases, in 1% solut.

Homatropine Hydrobromate Merck.
Small white cryst.—Sol. in abt. 10 parts water, 138 alcohol.—Mydriatic, Antihydrotic, Sedative.—Uses: Chiefly as mydriatic; effect transitory. Also in night-sweats of phthisis, psychoses, etc.—Dose: 1/10—1/6 grn.—Extern., to the eye, in 1% solut.

Hops.
Preparation: Tr. (D., 1—3 fl. drs.).

Hydrastine (Alkaloid) Merck.—Highest Purity.—(Not the eclectic "Hydrastin."")
White prisms.—Sol. in abt. 120 parts alcohol; 85 ether; 2 chloroform; sl. in water.—Alternative, Tonic, Antiperiodic.—Dose: 1/4—1 grn.

Hydrastine Hydrochlorate Merck.—Highest Purity.—(Not Hydrastinine Hydrochlorate, or the eclectic "Hydrastin Muriate.")
Wh. powd.—Sol. freely in water or alcohol.—Astringent, Dermic, Tonic, Hemostatic.—Uses: Intern., uterine hemorrhage, dyspepsia, hemorrhoids, etc.; extern., gonorrhea, conjunctivitis, en-
dometritis, leucorrhea, cervical erosions, acne, hyperhidrosis, seborrhea, etc.—**Dose**: $\frac{1}{8}$—1 grn., every 2 hours if necessary.—

**EXTERN.**: Conjunctivitis, $\frac{1}{10}$—$\frac{1}{4}$% soluts.; gonorrhea, $\frac{1}{4}$—$\frac{3}{4}$% soluts.; in skin diseases, 1% oints. or lotions.—**INCOMPATIBLES**: Same as of alkaloids in general (see under Atropine).

**Hydrastinine Hydrochlorate Merck.**—(*Not Hydrastine Hydrochlorate.*)

Yellow, cryst. powd.—**Sol.** in abt. 1 part water, 3 alcohol; alm. insol. in ether or chloroform.—Uterine Hemostatic, Emmenagogue, Vaso-constrictor.—Uses: Hemorrhages, congestive dysmenorrhea, metrorrhagia, epilepsy, hemoptysis, etc.—**Dose**: $\frac{1}{4}$—$\frac{1}{2}$ grn. 3—4 t. daily, in caps.

**Hydrastis.**

Golden Seal.—**Preparations**: F. E. (D., 10—30 min.); Glycerite (1:1 [extern.]); Tr. (D., 30—120 min.).

**Hydrastis (Lloyd’s).**

Composition not completely divulged.—(Stated: "**Dose**: 10—40 min. 3 t. daily.—**EXTERN.** in 1—2:16 dilutions."")

**Hydrastis, Fluid, (Merrell’s).**

Composition not completely divulged.—(Stated: "**Dose**: 10—40 ml 3 t. daily.—**EXTERN.** in 5—10% dilutions."")

**Hydrogen Peroxide Solution,**—see **SOLUTION, HYDROGEN PEROXIDE.**

**Hydroleine.**

Composition not completely divulged.—(Stated: "**Dose**: $\frac{1}{4}$—$\frac{1}{2}$ fl. oz., after each meal.")

**Hydrozone.**

Composition not completely divulged.—(Stated: "**Dose**: 1 fl. dr., well dil.—**EXTERN.** in 2 or 3% solut.")

**Hyoscyine Merck.**—From Hyoscyamus.

Thick liq.—**Sol.** in alcohol, ether; sl. in water.—Hypnotic, Sedative.—Uses: To quiet and give sleep to insane and others.—**Dose**: For insane, 1 grn., cautiously increased or repeated until effect is produced; for sane, $\frac{1}{10}$—$\frac{1}{6}$ grn.—**INJECTION**: For insane, $\frac{1}{10}$—$\frac{1}{5}$ grn.; for sane, $\frac{1}{8}$—$\frac{1}{5}$ grn.—**INCOMPATIBLES**: Same as of alkaloids in general (see under Atropine).—**ANTIDOTES**: Pilocarpine nitrate ($\frac{1}{2}$ grn.), or morphine sulphate ($\frac{3}{4}$ grn.) hypoderm.; chloral hydrate. See also p. 271.

**Hyoscyine Hydrobromate Merck.**—From Hyoscyamus; Cryst.

Colorl. cryst.—**Sol.** in abt. 4 parts water, 15 alcohol; sl. in ether or chloroform.—**Uses** and **DOSES**: Same as of Hyoscine.

(Other salts of Hyoscine are not described because used substantially as the above.)

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48
Hyoscyamine (Alkaloid), from Hyoscyamus, Merck.—Cryst.; Highest Purity.—(Much stronger than Hyoscyamine [Alkaloid] Amorph.; also, not eclectic “Hyoscyamin.”)

Wh., silky cryst.—Sol. in alcohol, ether, chloroform, acidulated water; sl. in water.—Uses: To quiet insane and nervous; ease cough; asthma, etc.—Dose: \( \frac{1}{10} - \frac{1}{5} \) grn. several d. in pill or solut.; as hypnotic for insane, \( \frac{1}{8} - \frac{1}{4} \) grn.—Incompatibles and Antidotes: As for Atropine.

Hyoscyamine (Alkaloid), from Hyoscyamus, Merck.—Amorph.—(Much weaker than Hyoscyamine [Alkaloid] Cryst.; also, not the same as the eclectic “Hyoscyamin.”)

Brown, syrupy liq.—Dose: \( \frac{1}{4} - \frac{1}{2} \) M.

Hyoscyamine Sulphate, from Hyoscyamus, Merck.—Cryst.; Highest Purity.

Wh., deliq. microscopic needles; acrid taste.—Sol. in abt. 1 part water; 3 alcohol.—Uses, Dose, etc.: As of Hyoscyamine, Cryst.

Hyoscyamine Sulphate, from Hyoscyamus, Merck.—Amorph.

Yellow, deliq. powd.—Sol. in water, alcohol.—Dose: \( \frac{1}{4} - \frac{1}{2} \) grn.

(Other salts of Hyoscyamine are not described because used substantially as the above.)

Hyoscyamus.

HENBANE.—Preparations: Ext. (D., 1—3 grn.); F. E. (D., 5—15 min.); Tr. (D., 20—60 min.).

Ichthalbin.

Ichthyol Albuminate Knöll.—Brown, odorl., alm. tastel. powd.—Sol. in alkaline fluids (such as intestinal secretion); insol. in ordinary solvents and in diluted acids (as gastric juice).—External and Intestinal Antiseptic and Antiphlogistic; Alternative. —Uses: Extern., ulcers, gynecological affections, naso-pharyngeal catarrh, etc.; intern., phthisis, scrofula, rickets; rheumatism; intestinal catarrh, typhoid; skin diseases; etc.—Dose: 10—30 grn. 2 or 3 t. daily, before meals; in powd. with trace garantose, or in tabl.—[Further information in “Merck’s Digest” No. 21.] (Procurable also in Merck’s 5-grn. crushable Tablets.)

Ichthargan.

Silver Sulpho-Ichthyolate, Ichthyol Co.; Silver-Ichthyol.—Brown, odorl. powd.; 30% silver.—Sol. in water, glycerin.—Astringent, Antiphlogistic, Bactericide.—Uses: Gonorrhea, etc.—Extern., 0.03—0.1% soluts.—Caution: Keep soluts. in amber bottles.

Ichthoform.

Ichthyol-Formaldehyde, Ichthyol Co.—Blackish-brown, alm. odorl. and tastel., insol. powd.—Surgical and Intestinal Antiseptic; reported energetic in action, yet non-toxic.—Uses: Extern., wounds, ulcers, etc.; intern., chronic intest. catarrh, tuberc. enteritis, typhoid, intest. fermentation.—Dose: 15—30 grn. 3 or 4 t. daily, in powd. Children, 4—8 grn., in gruel or cacao.—Extern., pure or attenuated.
**Ichthyol Merck.**

**Ammonium Sulpho-Ichthyolate, Ichthyol Co.** \((\text{NH}_4\frac{1}{2}\text{C}_6\text{H}_{12}\text{S}_2\text{O}_6+\text{aq.).}\)** Thick, brown liq.; bituminous odor; contains easily assimilable sulphur. —Sol. in water, mixture of equal vols. alcohol and ether; insol. in undil. alcohol or ether; miscible with glycerin, oils, fats.—Antiphlogistic, Antiseptic, Alternative. —Uses: Inter., phthisis, skin diseases, gout, scrofula, nephritis, etc.; extern., 5 to 50% oint., lotions, etc., in erysipelas, burns, chilblains, carbuncle, rheumatism, peritonitis, etc.; 10% with glycerin, on tamps or in suppos., in uterine and vaginal inflam.; 1–3% soluts. or 1–2 ml. bougies in gonorrhea; pure in ivy poisoning. —**Dose:** 3–15 ml. in pills or caps., or in water. —Incompatibles: Acids precipitate a dark, resinous mass; alkali hydrates or carbonates decompose it; with alkaloids or their salts, compounds are formed of much firmer consistency than Ichthyol, and far less soluble.—For Deodorizing Ichthyol the addition of 1 part each Oil Bergamot and Oil Eucalyptus, to 50 parts Ichthyol, has been recommended.—Before applying Ichthyol it is advisable, except in eczema, to wash parts each time in warm water and dry gently. After inunction or painting, the parts are best covered with cotton-wool, or flannel, and gutta-percha tissue.—Ichthyol Stains may be removed by boiling the fabric in soap and water, or by washing with soft soap or soap spirit.—[Further information in "Merck's Digest" on Ichthyol, containing clinical reports and formulary.]

**Ichthyol Albuminate,** —see *Ichthalbin.*

**Ingluvin.**

Digestive ferment obtained from gizzard of chicken.—Yellowish powd. —**Dose:** 5–20 grn.

**Iodine.**

Sol. in abt. 30 parts chloroform, 10 alcohol, 4 ether, 65 glycerin; in solut. potass. iodide; alm. insol. in water. —**Dose:** \(\frac{1}{4}\)–1 grn. —Preparations: Oint. (4%); Comp. Solut. (5%, with 10% KI); Tr. (D., 2–5 ml.). —Antidote: Starch. See also "Poisoning and its Treatment," p. 271. —Incompatibles: Oil turpentine; starch; tannin; alkalies; alkaloids; metallic salts.

**Iodipin, 10%.**

**Iodized Sesame Oil Merck, 10% Iodine.** —Iodine addition-product of sesame oil.—Yellow fluid, of purely oleaginous taste.—Alternative, Anticahestic; said to be carried even to remotest parts of body.—Uses: Syphilis, scrofula, etc. —**Dose:** 1–2 fl. drs. 3 or 4 t. daily, in emulsion with peppermint water and syrup, or pure flavored with oil peppermint; children in proportion.—[Further information in "Merck’s Digest" on Iodipin.]

**Iodipin, 25%.**

**Iodized Sesame Oil Merck, 25% Iodine.** —Action and Uses: Same as preceding, but intended more especially for hypoderm. use.—**Injection:** 20–40 ml.

**Iodo-bromide of Calcium Comp. (Tilden’s).**

Composition not completely divulged. —(Stated: "**Dose:** 1–2 fl. drs., in water, before meals.")
Iodoform. — Cryst. or Powd.
Sol. in abt. 7 parts ether, 20 chloroform, 60 alcohol, 100 glycerin, 30 olive oil; alm. insol. in water. — Dose: 1—3 grn., in pills or suspended in mucilage acacia. — Preparation: Oint. (10%). — Incompatibles: Calomel, mercuric oxide; silver nitrate; tannin; bals. peru directly mixed.

Iodoformogen.
IODOFORM ALBUMINATE KNOLL.—Yellow, fine, dry, non-conglutinating powd.; about 3 times as voluminous as iodoform, more pervasive, and free from its odor. — Reported a convenient, economical, and efficient form of Iodoform; liberates the latter, on contact with wound surfaces, gradually and equally, hence persistent in action. — [Further information in “Merck’s Digest” on Iodoformogen, containing clinical reports.]

Iodo-hemol Merck.
IODIZED HEMOL.—Brown, insol. powd.; 16% iodine. — Alterative, Hematinic; succedaneum for potass iodide internally. — Uses: Tertiary syphilis, scrofula, lead poisoning, asthma, psoriasis etc. — Dose: 3—10 grn. 3 t. daily, in pills.

Iodole.
TETRAIODO-PYRROLE KALLE.—Light, fine, grayish-brown powd.; 89% iodide. — Sol. in alcohol, chloroform, oils; 3 parts ether; slightly in water. — Antiseptic, Alterative. — Uses: Intern., syphilis, scrofula, etc.; extern., 5 to 10% oint. in chronic ulcers, lupus, chancre, etc.; powd. or solut. on mucous membranes, as in ozena, tonsillitis, etc. — Dose: 5—15 grn. daily, in wafers or pills.

Iodothyrine.
THYRO-IODINE.—Dry preparation of thyroid gland. — Alterative, Discutient. — Uses: Goiter, corpulence, myxedema, etc. — Dose: 15—40 grn. per day.

Iodozen.
Composition not completely divulged. — (Stated: “Used extern. like Iodoform.”)

Ipecac.
Dose: Stomachic or expector., ½—1 grn.; emetic, 10—20 grn. — Preparations: F. E. (D., ½—20 min.); Powd. of Ipecac and Opium (D., 5—20 grn.); Troches (½ grn.) Syr. (D., 10 min.—6 fl. drs.); Tr. Ipecac and Opium (D., 5—15 min.); Troches w. Morphine (one-twelfth grn. ipecac, one-fortieth grn. morph.); Wine (5 min.—3 fl. drs.). — Incompatibles: Lead acetate; vegetable astringents.

Iron by Hydrogen, Merck.—Gray.
REDUCED IRON; QUEVENNE’S IRON. — Dose: 2—5 grn., in pills or tabl. — Incompatibles: Hydrogen dioxide; potass. chlorate; potass. permangan.; salts of antimony, copper, bismuth, lead, mercury, and silver. — Incompatibles of Ferrous Salts: Alkalies, carbonates; chromates; ferricyanides; gold, silver, and mercuric salts;

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hydrogen dioxide; phosphates; permanganates; sulphides; tannic acid.—Incompatibles of Ferrie Salts: Acaea; albumen; alkalies; apomorphine; aloin; benzoates; carbonates; creosote; bals. peru; diuretin; gallic acid; guaiacol; hydriodic acid; hypophosphites; hyposulphites; iodides; guaiac; morphine; oils of cloves, cinnamon, pimento, thyme and wintergreen; resorcin; sulphides; sulphiites; salicylates; tannic acid; vegetable infusions and decoctions.

Iron Arsenate Merck.
Yellowish-green, insol. powd.—**Dose**: ¼—½ grn., in pill.

Iron Carbonate, Mass.—U. S. P.
Vallet's Mass.—20 per cent. FeCO₃.—**Dose**: 3—5 grn., in pill.

Iron Carbonate, Mixture.—U. S. P.
**Compound Iron Mixture**; Griffith's Mixture.—**Dose**: 1—2 fl. oz.

Iron Carbonate, Saccharated, Merck.
Insol. in usual solvents.—**Dose**: 10—30 grn.

Iron Citrate.—Scales.
Sol. moderately and slowly in water; insol. in alcohol.—Becomes less sol. with age.—**Dose**: 3—10 grn.

Iron Glycerino-phosphate Merck.
Yellowish scales.—Sol. in water, dil. alcohol.—**Uses**: Deficient nerve-nutrition, neurasthenia, etc.—**Dose**: 2—5 grn. 3 t. daily, in cinnamon water.

Iron Hydrate with Magnesia.—U. S. P.
**Arsenic Antidote**.—(I) Solut. ferric sulphate 50 Cc., water 100 Cc.; (II) magnesia 10 Gm., water to make 750 Cc. (in a 1000 Cc. bottle). For immediate use, add I to II.

Iron Hypophosphite.
Whitish powd.—Insol. in water; potass. citrate increases solubility.—**Dose**: 5—10 grn.

Iron Oxalate, Ferrous.
Pale-yellow, odorl., cryst. powd.—Insol. in water.—**Dose**: 2—6 grn.

Iron Oxide, Red, Saccharated, Merck.—Soluble.
**Iron Saccharate**.—2.8% iron.—Brown powd.—Sol. in water.—**Uses**: Antidote for arsenic; also in chlorosis, anemia, etc.—**Dose**: 10—30 grn.

Iron, Peptonized, Merck.—Powd. or Scales.
So-called "Iron Peptonate,"—5% iron oxide, with peptone.—Sol. in water.—**Uses**: Mild, easily assimilable chalybeate.—**Dose**: 5—20 grn.

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PART I. MAT. MED.

Iron Phosphate, Soluble.
Sol. freely in water; insol. in alcohol.—Dose: 5—10 grn.—Incompatible: Dil. phosphoric acid (ortho-).

Iron Pyrophosphate, Soluble.
Iron Pyrophosphate with Sodium Citrate.—Sol. freely in water; insol. in alcohol.—Dose: 5—10 grn.—Incompatible: Dil. phosphoric acid (ortho-).

Iron Succinate Merck.
Amorph., reddish-brown powd.—Sol. slightly in cold water; easily in acids.—Tonic, Alterative.—Uses: Solvent biliary calculi.—Dose: 10 grn. gradually increased to 60 grn. if necessary, after meals; associated with 10 drops of chloroform, 4 to 6 t. daily.

Iron Sulphate, Ferrous.
Sol. in abt. 2 parts water; insol. in alcohol.—Dose: 1—3 grn.—Incompatibles: Alkalies: ammonium, borium, and calcium chlorides; carbonates; gold and silver salts; lead acetate; lime-water; potass. iodide and nitrate; potass. and sod. tartrate; sodium borate; tannin; vegetable astringent infusions and decoctions.

Iron Sulphate, Ferrous, Dried.
Best form for pills.—Dose: ½—2 grn.

Iron Valerianate Merck.
Brick-red powd.; valerian odor; styptic taste.—Sol. in alcohol; insol. in water.—Tonic, Nervine, Emmenagogue.—Uses: Anemia or chlorosis, with hysteria or nervous exhaustion; epilepsy, chorea, etc.—Dose: 3—15 grn.

Iron and Ammonium Citrate.—Brown Scales.
Sol. freely in water; insol. in alcohol.—Dose: 3—10 grn.—Incompatibles: Mineral acids; vegetable astringents; fixed alkalies.—Preparation: Wine (D., 1—4 fl. drs.).

Iron and Ammonium Sulphate, Ferric.
Ammonio-ferric Alum.—Sol. in abt. 3 parts water; insol. in alcohol.—Dose: 5—15 grn.

Iron and Manganese, Peptonized, Merck.
Brown powd.—Sol. in water.—Dose: 5—20 grn.

Iron and Potassium Tartrate.
Sol. freely in water; insol. in alcohol.—Dose: 5—10 grn.

Iron, Quinine and Strychnine Citrate.
Green scales.—Sol. in water.—Dose: 3—10 grn.

Iron and Quinine Citrate, Soluble.
Sol. freely in water; partially in alcohol.—Dose: 3—10 grn.—Preparation: Bitter Wine Iron (D., 1—4 fl. drs.).

This Manual is a General Compendium of the Materia Medica. Such Articles as may be had of the Merck Brand are especially so designated throughout the Book. When ordering or prescribing these, please specify: Merck!
Iron and Strychnine Citrate.
Reddish, deliq. scales.—Sol. in water; insol. in alcohol.—Dose: 2—5 grn.
Iso-butyl-ortho-cresol iodide,—see EUROPHEN.
Jtrol,—see SILVER CITRATE.

James's Powder,—see ANTIMONIAL POWDER.

Kermes Mineral,—see ANTIMONY, SULPHURATED.

Kino.
Dose: 10—20 grn.—Preparation: Tr. (D., 1—3 fl. drs.).

Koussein Merck.—Amorph.
Brayerin, Kussein.—Yellowish-brown powd.—Sol. in alcohol, ether, chloroform; slightly in water.—Anthelmintic.—Dose: 15—30 grn., divided into 4 parts to be given at intervals of half hour, followed by castor oil; children half this quantity.

Kousso.
Brayera.—Preparation: F. E. (D., 1—4 fl. drs.).

Krameria.
Rhatany.—Dose: 10—30 grn.—Preparations: Ext. (D., 2—10 grn.); F. E. (D., 10—30 min.); Syr. (D., 3—2 fl. drs.); Tr. (D., 1—3 fl. drs.); Troches (1 grn. ext.).

Kryofine.
Methoxy-acet-phenetidin.—Colorl., odorl. powd.; faint bitter-pungent taste.—Sol. in 600 parts water; freely in alcohol, chloroform, ether.—Analgesic, Antipyretic.—Dose: 8—15 grn., in tabl. or powd.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Acetanilid, Phenacetin, Citrophen, Kryofine, Lactophenin, Phenocoll Hydrochlorate, and Triphenin.

Lactoprotein.
Composition not completely divulged.—(Stated: "Dose: 10—20 grn.")

Lactophenin.
Lactyl-phenetidin.—Wh., odorl., slightly bitter powd.—Sol. in 500 parts water, 9 alcohol.—Antipyretic and Analgesic.—Dose: 8—15 grn.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Acetanilid, Phenacetin, Citrophen, Kryofine, Lactophenin, Phenocoll Hydrochlorate, and Triphenin.

Lactose,—see MILK SUGAR.
Lactucarium Merck.
Sol. partially in alcohol, ether, or water.—**Dose**: Hypnotic and anodyne, 5—20 grn.; sedative, 2—5 grn.—**Preparations**: Tr. (D., 10—40 min.); Syr. (D., 1—4 fl. drs.).

Lactyl-phenetidin,—see LACTOPHENIN.

Lanolin.
Wool-fat, analogous to Lanum, which see.

Lanum.
ADEPS LANAÆ HYDROSUS MERCK; HYDROUS WOOL-FAT U. S. P.—A superior wool-fat specially prepared for medical and pharmaceutical use.—Yellowish-white, unctuous mass; freely takes up water and aqueous soluts.—Neutral, non-irritating, permanent emollient, and base for ointments and creams; extremely rapidly absorbed through the skin.

(Procurable also as Merck's Lanum Ointment—an elegant, soft, smooth emollient ointment and general ointment-base, consisting of 5 parts Lanum and 1 part olive oil.)

Largin.
SILVER-PROTALBIN LILIENTHLD.—Gray powd.; 11% silver.—Sol. in abt. 10 parts water, also sol. in glycerin; insol. in alcohol or ether. Aqueous soluts. are best prepared by filling the prospective containers half full with hot water, throwing in the Largin, and shaking violently; the bottles are then filled with water.—Bactericide and Astringent, like silver nitrate; reported non-irritating and not precipitable by sodium chloride or albumin.—Uses:—Chiefly gonorrhea, in $\frac{1}{4}$—1% solut. (according to stage), 3 t. daily; also in ophthalmobennorrhea (5% solut. freely twice daily), and internally in gastric or intestinal ulcer.—**Dose**: 5—8 grn., in pills; in bowel ulceration keratin- or salol-coated pills are indicated.—[Further information in “Merck's Digest” on Largin, containing clinical reports.]

Lead Acetate.—Gran., Cryst. or Powd.
Sol. in abt. 3 parts water, 5 glycerin, 25 alcohol.—**Dose**: 1—4 grn.—**Antidotes**: Emetics, stomach siphon; sulphate of sodium; potassium, or magnesium; milk, albumen; opium (in pain).—**Incompatibles**: Acids; soluble sulphates, citrates, tartrates, chlorides, or carbonates; alkalis; tannin; phosphates; resorcin; salicylic acid; carbolic acid; chloral hydrate; sulphites; vegetable infusions and tinctures.—**Antidotes** (of all lead salts): Sodium sulphate or dil. sulphuric acid. See also “Poisoning and its Treatment,” p. 272.

Lead Iodide.
Sol. in concen. soluts. of alkali acetates, potass. iodide or sodium hyposulphite; alm. insol. in water or alcohol.—**Dose**: 1—4 grn.—**Preparation**: Oint. (10%).

Lead Nitrate.
Sol. freely in water; alm. insol. in alcohol.—**Dose**: 1—4 grn.

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Lenigallol.

Pyrogallol Tri-acetate Knoll.—White powd.—Insol. in water; sol. with decomp. in warm aqueous soluts. of alkalis.—Mild succedaneum for Pyrogallol, chiefly in chronic eczema; reported non-poisonous, non-irritating, and non-staining.—Applied in $\frac{1}{2}$—10% oints. or pastes.

Lenirobin.

Chrysarobin Tetra-acetate Knoll.—Sol. in chloroform; insol. in water.—Mild "reactive" or "reducing" Dermic; succedaneum for Chrysarobin especially in herpes, tylosis, and keratosis; reported non-poisonous, non-irritating, non-staining.—Extern. like Chrysarobin.

Leptandra.

Culver's Root.—Dose: 20—60 grn.—Preparations: Ext. (D., 3—10 grn.); F. E. (D., 20—60 min.).

Leptandrin Merck.

Dose: Cholagogue and alterative, 1—3 grn.; purgative, 8 grn.

Levico Water,—see Aqua Levico.

Lime, Sulphurated.

(So-called "Calcium Sulphide")—Sol. sl. and partially in water; insol. in alcohol.—Uses: Chiefly in boils, carbuncles, acne, scrofula, phthisis.—Dose: $\frac{1}{4}$—2 grn.

Lime Water,—see Solution, Calcium Hydrate.

Liquor,—see Solution.

Listerine.

Composition not completely divulged.—(Stated: "Dose: 1 fl. dr., diluted.—Extern. in solut. up to 20%.")

Lithium Benzoate Merck.

Sol. in abt. 4 parts water, 15 alcohol.—Dose: 5—20 grn.

Lithium Bromide Merck.

Sol. in abt. 1 part water, 4 alcohol; also sol. in ether.—Dose: 5—20 grn.—Incompatibles: Acids; alkaloids; salts of antimony, bismuth, copper, lead, mercury, and silver.

Lithium Carbonate Merck.

Sol. in abt. 130 parts water, also sol. in carbonated water; insol. in alcohol.—Dose: 5—15 grn.

Lithium Citrate Merck.—Cryst. or Powd.

Sol. in abt. 5 parts water; insol. in alcohol or ether.—Dose: 5—15 grn.

Lithium Iodide Merck.

Sol. in water.—Dose: 1—5 grn.
Lithium Salicylate Merck.
Sol. freely in water or alcohol.—**Dose**: 10—30 grn.

Lobelia.
Preparations: F. E. (D., 2—10 min.); Tr. (D., 10—40 min.).

Lobeline Sulphate (fr. Seed) Merck.
Salt of alkaloid Lobeline (not the eclectic "Lobelin").—Yellow, deliq. lumps.—Sol. in water, alcohol.—**Uses**: Chiefly asthma; also dyspnea, whooping-cough, and spasmodic neuroses.—**Dose**: (spasmodic asthma): 1 grn. daily, gradually increasing to 3—6 grn. daily. Children ¼—½ grn. daily.—**Incompatibles**: Same as of alkaloids in general (see under Atropine).—**Antidotes**: Tan-nin; later brandy, spirit ammonia; morphine. See also "Poisoning and its Treatment," p. 272.

Loretin.
Yellow, odorl., insol. powd. Forms emulsions with ethereal and oily fluids (especially w. collodion).—Succedaneum for iodoform externally.—**Applied like** the latter.

Losophan.
Tri-iODO-CRESOL.—Colorl. needles, peculiar odor; 80% iodine.—Sol. in ether, chloroform; insol. in water.—Antiseptic, Vulnerary, Dermic.—**Extern. in** 1% solut. in 75% alcohol, or in 1—3% oint.

Lunar Caustic,—see Silver Nitrate.

Lupulin.
**Dose**: 10—20 grn.—Preparations: F. E. (D., 10—20 min.); Oleores. (D. 2—5 grn.).

Lycetol.
**Dimethyl-piperazine TARTRATE.**—Wh. powd.—Sol. in water.—Uric-acid Solvent, Diuretic.—**Uses**: Gout, lithiasis, etc.—**Dose**: 4—10 grn.

Lysidine.
50% solut. Ethylene-ethenyl-diamine.—Pinkish liq.; mousy odor.—**MIScIBLE** with water.—Uric-acid Solvent, Diuretic.—**Uses**: Gout, lithiasis, etc.—**Dose**: 15—30 grn. per day, in carbon, water.

Macrotin,—see Cimicifugin.

Magnesium Carbonate.
Insol. in water or alcohol.—Antacid, Antilithic.—**Dose**: 30—120 grn.

Magnesium Oxide, Light.
**Light or Calcined Magnesia**.—Light, white powd.; slightly alkaline taste.—Sol. in diluted acids, carbonic-acid water.—Antacid, Laxative, Antilithic.—**Uses**: Intern., sick headache, heartburn, gout, dyspepsia, sour stomach, constipation, gravel, and as antidote to arsenous acid. Extern., ulcers and abraded surfaces; in tooth powders, etc.—**Dose**: 10—30—60 grn. Small doses are antacid or antilithic; large are laxative.
Magnesium Oxide, Heavy.

Heavy Magnesia.—Dose: 10—60 grn.

Magnesium Salicylate Merck.—Highest Purity, Medicinal.
Sol. in water.—Dose: 15—60 grn.

Magnesium Sulphate.—Cryst. or Dried.

Epsom Salt.—Sol. in abt. 1 1/2 parts water; insol. in alcohol.—Dose: 1/3—1 oz.

Magnesium Sulphite Merck.
Sol. in abt. 20 parts water; insol. in alcohol.—Uses: Instead of sodium sulphite; has less disagreeable taste.—Dose: 10—60 grn.

Manganese Dioxide,—see Manganese Peroxide.

Manganese Hypophosphite Merck.
Permanent rose-red cryst.—Sol. in water.—Dose: 10—20 grn.
3 t. daily, in sweetened solut.

Manganese Iodide Merck.
Brown deliq. masses.—Sol. in water, with decomp.—Uses: Anemia, chlorosis, scrofula, syphilis, and enlargement of spleen.
Dose: 1—3 grn.

Manganese, Peptonized, Merck.
Brown powd.; 4% manganic oxide.—Sol. in water.—Uses: Anemia and chlorosis.—Dose: 10—30 grn.

Manganese Peroxide Merck.—Artificial, Pure.

Manganese Dioxide; Black Oxide of Manganese.—Containing over 90% MnO₂.—Insol. in water or alcohol.—Dose: 2—10 grn., in freshly made pills.

Manganese Sulphate Merck.—Pure, Cryst.
Sol. in abt. 1 part water; insol. in alcohol.—Dose: 5—15 grn.

Matico.

Dose: 30—60 grn.—Preparations: F. E. (D., 30—60 min.); Tr. D., 2—4 fl. drs.

Melachol.
Composition not completely divulged.—(Stated: "Dose: Lax., 1—6 fl. drs., in water, before meals; nervine, 1/3 fl. dr. 3 t. daily.")

Menthol Merck.—Recryst.; Highest Purity, Medicinal.
Sol. in less than its weight of alcohol, ether, or chloroform; in abt. 4 parts olive oil; insol. in water or glycerin.—Dose: 3—5 grn.—For toothache: put a crystal into cavity.—Tampons, 1 in 5 of oil.—Incompatibles: Butyl-chloral hydrate, camphor, carbolic acid, chloral hydrate, chromic acid, euphorin, exalgine, naphtol, resorcin, or thymol, in trituration; potass. permangan.; pyrogallol.
Menthol Valerianate,—see VALIDOL.

Mercavauro.

Composition not completely divulged.—(Stated: "Dose: 5—15 min., in water, after meals.")

Mercuro-iodo-hemol Merck.

Brown powd.; 12.35% mercury, 28.68% iodine, with hemol.—Antisyphilitic (chiefly); without untoward action.—Dose: 3—6 grn. 3 t. daily, in pills.

Mercuro.

MERCURY NUCLEID.—Light, brownish powd., 10% Hg.—Sol. in water; insol. in alcohol.—Antiseptic, Astringent.—Uses: Gonorrhea, ophthalmia, otitis media, ulcers, etc.—Extern., in gonorrh., ½—3% solut.; ophthalmia, 3—5% solut.; otitis, 5—10% solut.; ulcers, etc., 5% oint.—Caution: Solutions should be prepared fresh as wanted.

Mercury.

Preparations: Mass (33 per cent.); Mercury with Chalk (D., 3—1 grn.); Oint. (50 per cent.); Plaster (18 per cent.); Ammoniac and Mercury Plaster (30 per cent. Hg.).

Mercury, Ammoniated,—see MERCURY-AMMONIUM CHLORIDE.

Mercury Bichloride.—Lumps, Recryst., or Powd.

CORROSIVE SUBLIMATE.—Sol. in abt. 20 parts water, 5 alcohol, 6 ether, 14 glycerin.—Dose: 3—15 grn. —Max. D.: ½ grn. single, ½ grn. daily.—Antidotes: Zinc sulphate; white of egg, milk; chalk mixture; castor oil; table salt; reduced iron, iron filings; white of egg and milk 2 or 3 t. daily for a week. See also "Poisoning and its Treatment," p. 272.—INCOMPATIBLES: Reduced iron; sulphurous acid, albumin, alkalies, alkaloidal salts; ammonia; antimonious and arsenious salts; bromides; borax; carbonates; copper salts; ferrous salts; formic acid; gelatin; hypophosphites or hypophosphorous acid; iodides; infusions cinchona, colombo, oak bark, and senna; lead salts; lime-water; phosphates; silver nitrate; potass. or sodium sulphate; sulphides; syr. sarsapar. comp.; tannic acid; vegetable astringents; zinc salts.

Mercury Chloride, Mild.

CALOMEL.—Insol. in water, alcohol, ether, or glycerin.—Dose: Antisyph. ½—1 grn. 2 or 3 t. daily; intern. antisept., ½—1 grn. every 1—2 hrs.; cholag., ½—1½ grn. every hr. until effective, or 5—6 grn. taken; cathart., 5—15 grn. Children require proportionately more—as cathartic, 2—3 grn. for child 2—3 yrs.—INCOMPATIBLES: Sulphurous or hydrocyanic acid; chlorides, bromides, iodides; sulphates; carbonates; hydrates; acids; lime-water; acacia; airol; alkalies; ammonia; golden antimony sulphide; cocaine; cyanides; copper salts; hydrogen peroxide; iodine; iodoform; lead salts; mercuric oxide; pilocarpine; sugar; silver salts; soap; sulphides; tragacanth.

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Mercury Cyanide Merck.
Sol. in abt. 15 parts water, 20 alcohol.—**Dose**: 1/16—1/8 grn., in solut.—**Extern.** (gargle) 1:10000 solut.

Mercury Imido-succinate,—see **MERCUARY SUCCINIMIDE**.

Mercury Iodide, Red.
**MERCURY BINIODIDE.**—Sol. in 75 parts ether, 300 olive or almond oil; freely in soluts. potass. iodide, mercury bichlor., or sod. hyposulphite; alm. insol. in water or glycerin.—**Dose**: 1/4—1 grn., in pills.

Mercury Iodide, Yellow.
**MERCURY PROTO-IODIDE.**—Insol. in water, alcohol, ether.—**Dose**: ½—2 grn.—**CAUTION:** Never prescribe this with a soluble iodide, since mercury biniodide (highly poisonous) is formed!

Mercury Oxide, Black (Hahnemann), Merck.
**HAHNEMANN'S SOLUBLE MERCURY.**—Grayish-black powd.; decomp. on exposure.—**Dose**: ¼—3 grn.

Mercury Oxide, Red, Merck.—Levigated.
Not used internally.—**Preparation:** Oint. (10%).—**INCOMPATIBLES:** Chlorides.

Mercury Oxide, Yellow, Merck.
Not used internally.—**Preparation:** Oint. (10%).

Mercury Oxycyanide Merck.
White, cryst. powd.—Sol. in water.—Antiseptic.—Uses: Extern., diphtheria, erysipelas, and skin diseases; reported superior as antiseptic dressing to mercuric chloride because more active as germicide and less easily absorbed.—**APPLIED** in 0.6% solut. to wounds and in surgical operations.

Mercury Salicylate Merck.
Wh. powd.; abt. 50% mercury.—Sol. in solut. sodium chloride, dil. alkalies; insol. in water or alcohol.—Uses: Extern., chancre, gonorrhea, and venereal affections; 1% powd. or oint.; **injection** in urethra, 1—5:10000 solut.—Reported easily borne by stomach, and to produce no salivation.—**Dose**: ½—1 grn.

Mercury Succinimide Merck.
**MERCURY IMIDO-SUCCHINATE.**—Wh. powd.—Sol. in abt. 25 parts water, with aid of heat; sl. in alcohol.—Antisyphilitic, Alterative. —Said to be free from disagreeable local and secondary effects.—**Dose**: ¼ grn., hypodermically.

Mercury Sulphate, Basic.
**MERCURY SUBSULPHATE; TURPETH MINERAL.**—Insol. in water, alcohol, ether, etc.—**Dose**: **Emetic**, 2—5 grn.; **alterative**, ¼—½ grn.; in pills or powd.

Mercury Tannate Merck.
Greenish-gray powd.; abt. 50% mercury.—Antisyphilitic.—**Dose**: 1—2 grn., in pills.

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PART I. MAT. MED.

Mercury-Ammonium Chloride.
White Precipitate; Ammoniated Mercury.—Insol. in water, alcohol, etc.—Not used internally.—Preparation: Oint. (10%).

Methyl Salicylate.
Synthetic Oil Gaultheria (Wintergreen).—Sol. freely in alcohol, ether, chloroform.—Dose: 5—30 ml.

Methylene Blue Merck.—Medicinal.
Tetramethyl-thionin Hydrochlorate.—Bluish cryst. or blue powd.—Sol. in abt. 50 parts water.—Uses: Rheumatism, malaria, cystitis, nephritis, etc.—Dose: 2—4 grn., in caps. with little powd. nutmeg.—Injection: 1 grn.—Max. D.: 15 grn., single or daily.—Incompatibles: Potassa; potass. bichrom.; potass. iodide; reducing agents.—Caution: Do not confound with the ordinary methylene blue of the markets, which is the zinc-chloride double-salt of tetramethyl-thionine and is commonly employed as a dye or stain, but is not eligible for use in or on the human body.—[Further information in “Merck’s Digest” on Methylene Blue, containing clinical reports.]

Methyl-morphine,—see Codeine.

Milk of Magnesia.
Liquid magnesia. each fl. oz. representing 24 grn. magnesium hydroxide in permanent suspension.—Antacid.—Dose: 1—4 fl. drs.

Milk Sugar Merck.—Impalpable Powder.
Lactose.—Sol. in abt. 6 parts water; insol. in alcohol, chloroform, ether.—Nutritive, Diuretic.—Dose: 1—6 oz. a day.

Morphine Merck.—Alkaloid.
Alm. insol. in water or ether.—Dose: 1/4—1/2 grn.—Incompatibles (also of all the salts of morphine): Alkalies; tannic acid; potass. permangan.; borax; chlorates; ferric chloride; iodides; lead acetate; lead subacet.; magnesia; spt: nitrous ether; silver nitrate; mercury bichloride; gold and sod. chloride. —Antidotes: Potass. permangan.; paraldehyde; picrotoxin; atropine, strychnine, caffeine, cocaine. See also “Poisoning and its Treatment,” p. 272.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Morphine or its salts, Codeine or its salts, Dionin, and Heroin.

Morphine Hydrochlorate Merck.
Sol. in abt. 25 parts water, 65 alcohol, 8 glycerin; insol. in ether or chloroform.—Dose: 1/8—1/2 grn.

Morphine Sulphate Merck.
Sol. in abt. 21 parts water; sl. in alcohol or ether.—Dose: 1/8—1/2 grn.—Preparations: Comp. Powd. (1:60); Troches Moph. and Ipecac (1/16 grn. M., 1/8 grn. I.).

(Other salts of Morphine are not described because used substantially as the above.)

Muscarine Nitrate Merck.
Brown, deliquescent mass.—Sol. in water, alcohol.—Antihidrotic, Antispasmodic.—Uses: Night-sweats, diabetes insipidus; antidote to atropine, etc.—Dose: 1/2—1/5 grn.—Incompatibles: As of Morphine.—Antidotes: Atropine, alcohol. See also p. 272.

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PART 3

Muscamine Sulphate Merck.
Brown, greasy mass.—Sol. in water.—Uses and Dose: Same as of Muscarine Nitrate.

Musk.
Stimulant, Antispasmodic.—Dose: 3—10 grn.—Preparation: Tr. (D., 1/2—2 fl. drrs.).

Mydrine Merck.
Combination of ephedrine and homatropine hydrochlorates (100:1).—Wh. powd.—Sol. in water.—Mydriatic.—Uses: Where evanescent mydriasis is desired; especially valuable in diagnosis. —Applied in 10% solut.

Myrrh.

Myrtol Merck.
Constituent of essential oil of Myrtus communis.—Clear, colorless; pleasant ethereal odor.—Sol. in alcohol.—Antiseptic, sedative.—Uses: Chronic bronchitis, tonsillitis, cystitis, etc.—Dose: 5—15 ml. on sugar, or in emuls. or caps.

Naphtalin Merck.—Highest Purity, Medicinal.
Sol. in abt. 20 parts alcohol, 3 ether, 8 oil turpentine, 2 chloroform, 8 olive oil; insol. in water or glycerin.—Uses: Intern., intestinal catarrhs, worms, cholera, typhoid fever, etc.; extern., skin diseases.—Dose: 2—8 grn., in powd. or capsule; for tapeworm, 15 grn., followed some hours later by castor oil.—Max. D.: 30 grn.—Incompatibles: Carabolic acid and salol, when triturated dry; chromic acid.

Naphtol, Alpha-, Merck.—Recrystallized, Medicinal.
Colorless or pinkish prisms; disagreeable taste.—Sol. in alcohol, ether; sl. in water.—Antiseptic; Antifermentative.—Uses: Diarrhea, typhoid fever, and summer complaint.—Dose: 2—5 grn.

Naphtol, Beta-, Merck.—Resublimed, Medicinal.
Sol. in abt. 1 part alcohol, 2 ether, 25 chloroform, 40 glycerin, 12 olive oil; alm. insol. in water.—Dose: 3—8 grn.—Max. D.: 10 grn. single; 30 grn. daily.—Incompatibles: Antipyrine; camphor; carabolic acid; exalgin; ferric chloride; menthol; potass. permangan.; urethane.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Beta-naphtol, Benzonaphtol, and Orphol.

Naphtol, Beta-, Benzoate, Merck.
Benzo-Naphtol.—Whitish powd.; darkens with age.—Sol. in alcohol, chloroform.—Intestinal Disinfectant.—Uses: Diarrhea, dysentery, typhoid fever, cholera, etc.—Dose: 5—15 grn. 4 to 5 t. daily in wafer or mixture.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Beta-naphtol, Benzonaphtol, and Orphol.

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PART I.

Neurodin.

**ACETYL-PARA-OXYPHENYL-URETHANE MERCK.**—Colorl., inodorous cryst.—Sol. sl. in water.—Antineuralgic, Antipyretic.—Uses: Sciatica, rheumatic pains, migraine, various forms of fever.

**Dose**: Antineur., 15—25 grn.; antipy., 5—10 grn.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Euphorin, Neurodin, and Thermadin.

Neurosine.

Composition not completely divulged.—(Stated: “**Dose**: 1—2 fl. drs.”)

Nickel Bromide Merck.

Greenish yellow powd.—Sol. in water, alcohol, ether.—Nerve Sedative.—Uses: Epilepsy, etc.—**Dose**: 2—8 grn.

Nirvanin.

Colorl. cryst.—Sol. freely in water.—Local Anaesthetic; stated less toxic than orthoform.—Applied mostly in 2—5% soluts.; also by injection (up to 8 grn. per dose).

Nosophen.

**TETRAIODO-PHENOLPHTALEIN.**—Yellow, odorl., tasteless, insol. powd.; 60% iodine.—Surgical Antiseptic, like iodoform.

Nutmeg.

Aromatic, Carminative.—**Dose**: 5—20 grn.—**Preparations**: Oil (D., 1—5 min.); Spt. (D., 1—2 fl. drs.).—Enters into Aromatic Powder, and Comp. Tr. Lavender.

Nux Vomica.

Stomachic, Tonic, Respir. Stimulant.—**Dose**: 1—5 grn.—**Preparations**: Ext. (D., 1—5 min.); F. E. (D., 1—5 min.); Tr. (D., 5—20 min.).—See also Strychnine.

Oil, Almond, Bitter-, Merck.—True.

Sol. in all proportions alcohol or ether; in abt. 300 parts water.—**Dose**: ⅛—⅜ m.—**Antidotes**: Emetics, stomach siphon, ammonia, brandy, iron persulphate.—Caution: Poison!

Oil, Betula, Merck.

**OIL SWEET BIRCH.**—Uses, Dose, etc.: As of Oil Gaultheria.

Oil, Cade, Merck.

**JUNIPER TAR.**—Uses: Only extern., in psoriasis, favus, etc.

Oil, Cajuput.

Stimulant, Diaphoretic.—**Dose**: 5—20 min.

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Oil, Castor.

**Dose**: ½—1 fl. oz.

Oil, Cod-Liver.

**Dose**: 1—4 fl. drs.—See also Gaduol.

Oil, Croton.

**Uses**: *Intern.*, obstinate constipation; amenorrhea, dropsy; *extern.*, rheumatism, neuralgia, and indolent swellings; hypodermically to nevi.—**Dose**: ½—2 m, in pills.—**Antidotes**: Oils, mucilage, morphine hypoderm., cocaine. See also "Poisoning and its Treatment," p. 269.

Oil, Eucalyptus, Merck.—Superior; from Eucalyptus Globulus.

**Uses**: *Intern.*, intermittent and remittent fever, bronchitis, cystitis, and dysentery, and by inhalation in asthma or catarrh; *extern.*, skin diseases.—**Dose**: 5—10 m, in emulsion.

Oil, Gaultheria.

**Oil Wintergreen**.—**Dose**: 5—20 min.—**Preparation**: Spt. (flavoring).

Oil, Juniper Berries.

**Diuretic**.—**Dose**: 5—15 m.—**Preparations**: Spt. (D., 1—3 fl. drs.); Comp. Spt. (D., 4—8 fl. drs.).

Oil, Mustard, True, Merck.—Distilled.

**Dose**: ¼—½ m, with much water.—**Preparation**: Comp. Lin. (3%).

Oil, Olive.

Emollient, Nutrient, Laxative.—**Dose**: ¼—1 fl. oz., in hepatic colic, 3—6 fl. oz.

Oil, Pine-Needles, Merck.

**Oil Scotch Fir**: *Pinus Sylvester*.—Antiseptic, Antirheumatic.—**Uses**: By *inhalation* with steam, in chronic pulmonary diseases; *extern.*, in chronic rheumatism.

Oil, Pinus Pumilio, Merck.

**Oil Mountain Pine**.—Fragrant oil; terebinthinous taste.—**Sol.** in alcohol, ether, chloroform.—Antiseptic, Expectorant.—**Uses**: *inhalation* in pectoral affections; *intern.*, as stimulating expectorant; *extern.*, lately employed in glandular enlargements, boils, and skin diseases.—**Dose**: 5—10 m, in capsules.

Oil, Rosemary.

Stimulant, Diuretic, Carminative, Emmenagogue.—**Dose**: 2—5 min.

Oil, Santal.

**Oil Sandal Wood**.—Internal Antiseptic, Antiacatarrhal.—**Dose**: 5—20 min., in emuls. or capsules.

Oil, Tar.

**Dose**: 2—5 min.—Used chiefly extern.
Oil, Thyme.

**Dose:** 3—15 min.—Used chiefly extern. See also Thymol.

Oil, Turpentine, Rectified, Merck.—**Medicinal.**

For **internal** use only the rectified oil answers.—**Dose:** 10—30 ml. for tapeworm, 1—2 fl. drs.—**Preparation:** Lin. (35%, with 65% resin cerate).

Oil, Wintergreen,—see Oil, GAEUTHERIA.

Ointment, Mercuric Nitrate.—**U. S. P.**

**CITRINE OINTMENT.**—Stimulative and Alternative Dermic.—**Applied** in 10—50 per cent. dilution with fatty vehicle.

Oleate, Cocaine.—5% and 10%.

Local Anesthetic.

Oleate, Mercury.—20% and 40%.

Uses: **Extern.** skin diseases, pediculi. Also for endermic administration of mercury.

Oleoresin, Capsicum.—**U. S. P.**

Sol. in alcohol, ether.—Rubefacient, Stimulant.—Uses: **Intern.**, flatulence, and to arouse appetite; **extern.**, diluted with soap liniment or olive oil, in lumbago, neuralgia, and rheumatic affections.—**Dose:** 1—2 ml, diluted, in beef tea or other hot liquid.

Oleoresin, Male Fern,—see EXTRACT, MALE FERN.

Opium.—**U. S. P.**

Not less than 9 per cent. morphine.

Opium, Powdered, Merck.—**U. S. P.**

13—15 per cent. morphine.—**Dose:** 1/4—2 grn.—**Antidotes:** Warm coffee; atropine or strychnine hypoderm.; potass. per mangan. See also “Poisoning and its Treatment,” p. 273.—**Preparations:** Deodorized (Denarcotized) Opium; Ext. (D., 1/4—1 grn.); Pills (1 grn.); Plaster (6% Ext.); Dover’s Powder (D., 5—20 grn.); Tr. (D., 5—20 ml); Campb. Tr. (D., 1—4 fl. drs.); Troches Liquorice and Opium (1/2 grn. O.); Vinegar (D., 5—20 ml); Wine (D., 5—20 ml).—**Incompatibles** (of liq. opiates): Alkalies; alkaloidal precipitants; carbonates; catechu; cinchona; copper and iron salts; kino; lead acetate and subacet.; lime-water; mercury bichloride; nutgall; silver nitrate; zinc sulphate.

Orexine

**PHENYL-DIHYDRO-QUINAZOLINE TANNATE KALLE.**—Yellowish, odorl., practically tasteless. powd.—**Insol.** in water; sl. in alcohol.—Appetizer, Anti-emetic, Stomachic.—Uses: Anorexia in phthisis, chlorosis, cardiac diseases, surg. operations; sea-sickness; vomiting of pregnancy and that following narcosis. Contra-indicated in excessive acidity of stomach and in gastric ulcers.—**Dose:** 4—8 grn. 2 t. daily, 1—2 hrs. before meals; in powd. or tabl., with half tumblerful water.—**Incompatibles:** Iron preparations.—[Merck’s “Monograph on Orexine Tannate” contains clinical reports.—See also “Orexoids,” on next page.]

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65
## Orexoids

**Tablets Orexine Tannate, Merck (4-grn.).**

**Dosage:** In loss of appetite, 2 twice daily, 1—2 hrs. before principal meals, with half tumblerful of water; children, \( \frac{1}{2} - 2 \) orexoids, acc. to age. In vomiting of pregnancy and in nervous anorexia, 1 orexoid 4 or 5 t. daily.

**Orphol** — see BISMUTH BETA-NAPHTOLATE.

### Orthoform

**Methyl Ester of Meta-amido-para-oxycbenzoic Acid.** — Wh., odorl. powd. — Sol. sl. in water. — Local and intern. Anodyne, Antiseptic. — Uses: Chiefly extern., on painful wounds, burns, toothache, etc. — Applied pure or in trituration or oint. — **Dosage:** 8—15 grn. — **Incompatibles:** Antipyrine; bismuth subnitr.; formaldehyde; mercury bichloride; potass. permangan.; silver nitrate; zinc chloride.

### Ovaraden

**Standardized Dried Extract Ovary, Knoll;** 1 part equals 2 parts fresh gland. — Grayish powd. — Nervine, Alterative. — Uses: Disorders accompanying the menopause or following ovariotomy; also chlorosis. — **Dosage:** 15—30 grn. 3 t. daily, in tablets.

### Ovariin Merck

Dried ovaries of the cow. — Coarse, brownish powd. — **Action and Uses:** Same as of Ovaraden. — **Dosage:** 3—6 grn. 3 t. daily, in pills or tablets.

(Procurable also in Merck's 3-grn. crushable Tablets.)

### Oxaphor

**Oxycamphor.** — 50% solut. oxidation-product of camphor. — **Uses:** Chiefly cardiac dyspnea and asthma. — **Dosage:** 5—15 ml 3 t. daily.

### Oxymethylene

— see FORMALDEHYDE.

#### Pancreatin

**Dosage:** 5—15 grn., in powd. or tablets.

### Papain Merck

**Papayotin.** — Concent. active principle of juice of Carica Papaya (Papaw). — Enzyme similar to pepsin, but acting in alkaline, acid, or neutral solut. — Whitish, sl. hygroscopic powd. — Sol. in water or glycerin. — **Uses:** For dissolving false membrane, and for aiding digestion. — **Dosage:** 2—5 grn. — **Extern.** in 5% solut. equal parts glycerin and water, for diphtheria and croup. — **Caution:** Not to be confounded with the vastly weaker preparations from papaw, known by various names. — [Further information in "Merck's Digest" on Papain, containing clinical reports.]

### Paraformaldehyde, so-called

— see TRIOXYMETHYLENE.

### Paraldehyde Merck

**Highest Purity, Medicinal.**

Colorl. fluid; cryst. below 10.5° centigrade; aromatic, suffocating odor; warm taste. — Sol. in alcohol, ether, oils, chloroform; in
abt. 10 parts water.—Hypnotic, Antispasmodic, Stimulant.—Uses: Insomnia, asthma, phthisis, chorea, alcoholism, etc.; also as antidote for morphine.—**Dose:** 30—90 ml, well diluted, in elixir, sweet water, brandy, or rum.—**Incompatibles:** Alkalis; hydrocyanic acid; iodides; oxidizers.

**Pareira.**

Diuretic, Laxative, Tonic.—**Dose:** 30—60 grn.—**Preparation:** F. E. (D., 30—60 min.).

**Pelletierine Tannate Merck.**

Grayish-brown, hygroscopic, tastel. powd.—**Sol.** in abt. 80 parts alcohol, 700 water.—Anthelmintic.—**Dose:** 8—24 grn., in 1 fl. oz. water, followed in 2 hours by cathartic.

**Peppermint.**

**Preparations:** Oil (D., 1—5 min.); Spt. (D., 10—40 min.); Troches (one-sixth min. oil); Water (vehicle).—See also Menthol.

**Pepsin.—U. S. P.—Powd., Granular, or Scales.**

**Sol.** in abt. 100 parts water (with turbidity); **Insol.** in alcohol, ether, or chloroform.—**Dose:** 5—15 grn.—**Incompatibles:** Alcohol; tannin; alkali carbonates.

**Pepsin, Saccharated.—U. S. P.**

**Dose:** 60—150 grn.

**Peptenzyme.**

Composition not completely divulged.—(Stated: "**Dose:** 3—10 grn.")

**Pepto-Mangan (Gude).**

Composition not completely divulged.—(Stated: "**Dose:** 1—4 fl. drs.")

**Phenacetin.**

**Para-acetphenetidin.**—Wh., tastel., cryst. powd.—**Sol.** in abt. 1700 parts water, 20 alcohol.—Antipyretic, Antineuralgic, Analgesic.—**Dose:** **Antipyr.,** 8—10 grn.; **analg.,** 15—24 grn.; children up to 5 grn.—**Incompatibles:** Carbolic acid; chloral hydrate; iodine; salicylic acid; oxidizers.—**Antidotes:** Same as of Acetanilid.—**Caution:** When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Acetanilid, Phenacetin, Citrophen, Kryofine, Lactophenin, Phenocoll Hydrochlorate, and Triphenin.

**Phenalgin.**

Composition not completely divulged.—(Stated: "**Dose:** **Antipyr.,** 5—10 grn.; **analg.,** 10—20 grn.")

**Phenazone,—see ANTIPYRINE.**

**Phenocoll Hydrochlorate.**

Colorl. needles.—**Sol.** in abt. 16 parts water.—Antipyretic, Analgesic, Antiperiodic.—**Dose:** 5—15 grn.—**Caution:** When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Acetanilid, Phenacetin, Citrophen, Kryofine, Lactophenin, Phenocoll Hydrochlorate, and Triphenin.
Phenol,—see Acid, Carbolic.
Phenol Salicylate,—see Salol.
Phenyl-acetamide,—see Acetanilid.
Phenyl-dihydro-quinazoline Tannate.
Orexine Tannate.—Yellowish, odorl. powd., practically tastel. —Insol. in water or alcohol.—Action, Uses, etc.,—see Orexine Tannate.
Phenyl-dimethyl-pyrazolone,—see Antipyrine.
Phenyl-ethyl Urethane,—see Euphorin.
Phosphorus.
Sol. in oils.—Dose: 1/30—1/15 grn.—Preparations: Elix. (D., 1—2 fl. drs.); Oil (D., 1—5 min.); Pills (1/50 grn.); Spt. (D., 10—40 min.).
Incompatibles: Sulphur; iodine; oil turpentine; potass. chloride. Antidotes: 1 per cent. solut. potass. permang.; charcoal, lime-water. Avoid oils. See also “Poisoning and its Treatment,” p. 273.—Caution: Inflammable! Keep under water.
Phosphotal,—see Creosote Phosphate.
Physostigma.
Calabar Bean.—Preparations: Ext. (D., 1/4 to 1/2 grn.); Tr. (D., 5—15 min.).—See also Eserine (Physostigmine).
Physostigmine,—see Eserine.
Phytolacca Root.
Poke Root.—Alterative, Antifat. —Dose: 1—5 grn.—Preparation: F. E. (D., 1—5 min.).
Picrotoxin Merck.
Cocculus.—Sol. in abt. 300 parts water, 10 alcohol; in soluts. alkalies; sl. in chloroform or ether.—Antidriotic, Nervine, Antispasmodic.—Uses: Night-sweats of phthisis; also paralysis, epilepsy, chorea, flatulent dy-pepsia, dysmenorrhoea; also antidote to chloral.—Dose: 1/50—1/20 grn.—Max. D.: 1 grn. Antidotes: Tannin; chloral hydrate; stimulants. See also “Poisoning and its Treatment,” p. 274.
Pilocarpine Hydrochlorate Merck.—Highest Purity.
Sol. freely in water or alcohol; alm. insol. in ether or chloroform. —Sialogogue, Myotic, Diaphoretic, Diuretic.—Uses: Intern., dropsy, coryza, laryngitis, bronchitis, asthmatic dyspnea, uremic convulsions, croup, orchitis, atropine poisoning, rheumatism, etc.; extern., 1—2% aqueous solut. for collyrum. Contra-indicated in heart failure and during fasting.—Dose: 1/30—1/15 grn., in water, hypoderm. or by mouth.—Max. D.: 1/2 grn.—Antidotes: Tannin; atropine; ammonia; brandy. See also “Poisoning and its Treatment,” p. 274.—Incompatibles: Silver nitrate; corrosive sublimate; iodides; tannin; calomel; gold salts; potass. permang.; alkalies.

(Other salts of Pilocarpine are not described because used substantially as the above.)
Pilocarpus.

JABORANDI.—**Dose**: 10—30 grn.—**Preparation**: F. E. (D., 10—30 min.).

Piperazine.

DIOETHYLENEDIAMINE.—Colorless, alkaline cryst.—Sol. freely in water.—Antipodagric, Antirheumatic.—**Dose**: 5—10 grn. 3 t. a day, well diluted.—**Incompatibles**: Acetanilid; alkaloidal Baits; alim.; alum; butyl-chloral hydrate; carbolic acid; chloral hydrate; copper sulphate, ferric chloride; ferrous sulphate; mercuric chloride; phenacetin; phenocoll. hydrochlor.; picric acid; potass. permang.; quinine; silver nitrate; solut. arsenic and mercury iodide; sod. salicyl. spt. nitrous ether; tannic acid.

Piperin Merck.

Sol. in abt. 30 parts alcohol; alm. insol. in ether or chloroform.—Stomachic and Antiperiodic.—Uses: Feeble digestion, and as substitute for quinine in remittent and intermittent fevers.—**Dose**: Stomach, ½—1 grn.; antiper., 6—8 grn.; in pills.

Podophyllin,—see RESIN, PODOPHYLLUM.

Podophyllum.

MAY APPLE.—**Preparations**: Ext. (D., 2—5 grn.); F. E. (D., 10—30 min.); Resin (D., ¾—½ grn.).—See also Resin Podophyllum.

Pomegranate.

**Dose**: 1—2 drams, as decoct. (1:4) or fl. ext. (1:1).—See also Pelletierine.

Potassa,—see POTASSIUM HYDRATE.

Potassa. Sulphurated.—Crude.

Uses: For baths in skin affections, 2—4 oz. to one bath. Caution: Avoid metal bath-tubs, metal spoons, and water with much carbon dioxide.

Potassa, Sulphurated.—Pure.

Sol. readily and alm. completely in water; partially sol. in alcohol.—Uses: Intern., rheumatism, gout, scrofula, painter’s colic, skin diseases, catarrh, croup, lead and mercury poisoning; extern., lotion in parasitic skin diseases.—**Dose**: 2—10 grn.—**Incompatibles**: Acids, alcohol, carbonated waters, acid salts.—**Antidotes**: Emetics, stomach siphon, lead or zinc acetate, brandy.

Potassium Acetate.

Very deliq.—Sol. in less than 1 part water, abt. 2 alcohol.—**Dose**: 10—60 grn.

Potassium Antimonate.—Purified, Washed.

DIAPHORETIC ANTIMONY; "WHITE ANTIMONY OXIDE."—Wh. powd.—Diaphoretic, Sedative.—Uses: Pneumonia, puerperal fever, etc.—**Dose**: 8—24 grn.

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*This manual is a general compendium of the Materia Medica. Such articles as may be had of the Merck brand are especially so designated throughout the book. When ordering or prescribing these, please specify: Merck.*
Potassium Arsenite Merck.—Pure.
White powd.—Sol. in water.—Dose: $\frac{1}{3}$–$\frac{1}{3}$ grn.—Incompatibles and Antidotes: Same as of Arsenous Acid.

Potassium Bicarbonate Merck.—Highest Purity, Medicinal; Cryst. or Powd.
Sol. in abt. 4 parts water; alm. insol. in alcohol.—Diuretic, Antilithic, Antacid.—Uses: Dyspepsia, dropsy, lithiasis, sour stomach, jaundice, etc. Usually taken effervescent with tartaric or citric acid.—Dose: 20–60 grn.

Potassium Bichromate Merck.—Highest Purity, Cryst.
Sol. in abt. 10 parts water.—Caustic, Astringent, Alterative.—Uses: Intern., aphony, gastric ulcer, syphillis; extern., sweating feet, tubercular nodules, syphilitic vegetations, and warts.—Dose: $\frac{1}{4}$–$\frac{1}{4}$ grn.—Extern. in 5% solut. for sweating feet; 10% solut. as caustic.—Antidotes: Soap; magnesia; alkali carbonates. See also "Poisoning and its Treatment," p. 274.

Potassium Bisulphate.
Color., more or less moist plates.—Sol. in water.—Aperient, Tonic.—Uses: Constipation with weak appetite.—Dose: 60–120 grn., with equal weight sodium carbonate.

Potassium Bitartrate.—Cryst. or Powd.
Cream of Tartar.—Sol. in abt. 200 parts water; in solut. borax or boric acid; insol. in alcohol.—Dose: 1–8 drams.

Potassium Bromide.
Sol. in abt. 2 parts water, 200 alcohol, 4 glycerin.—Dose: 15–60 grn.—Incompatibles: Acids; alkaloids; salts of antimony, bismuth, copper, lead, mercury, and silver.

Potassium Carbonate.
Sol. in abt. 2 parts water; insol. in alcohol.—Dose: 10–30 grn.

Potassium Chlorate.
Sol. in abt. 17 parts water; insol. in alcohol.—Dose: 10–20 grn.—Preparation: Troches (4$\frac{1}{2}$ grn.).—Incompatibles: Iron iodide, tartaric acid.—Caution: Do not triturate with sulphur, phosphorus, or organic or combustible compounds. Inflames or explodes with sulphuric acid or with any organic powd. Do not administer on empty stomach!

Potassium Citrate.
Sol. in abt. 1 part water, 2 glycerin; sl. in alcohol.—Uses: Rheumatism, lithiasis, fevers.—Dose: 10–40 grn.

Potassium Cyanide.
Sol. in abt. 2 parts water; sl. in alcohol.—Sedative, Antispasmodic, Anodyne.—Uses: Intern., dyspnea, asthma, phthisis, catarrh, whooping-cough, etc.; extern., 0.2–0.8% aqueous solut. in neuralgia and local pains; 0.6–1.2% aqueous solut. removes silver-urate stains from conjunctiva.—Dose: $\frac{1}{8}$ grn.—Antidotes:
Potassium Glycerino-phosphate Merck.—75% Solut.

Thick liq. or a mass.—Sol. in water.—Nerve- tonic.—Uses: Neurasthenia, phosphaturia, convalescence from influenza, etc.—**Dose**: 4—10 grn. 3 or 4 t. daily, in mixture.—**Injection**: 3—4 grn. once daily, in water containing sodium chloride.

Potassium Guaiacol-sulphonate.

Thiocol.—Wh., odorl., permanent powd.; bitter, then sweet, taste.—Sol. freely in water or syrup; sl. in alcohol; insol. in ether.—**For Action, Uses, etc.**.—see Thiocol.

Potassium Hydrate Merck.

Caustic Potassa; Potassium Hydroxide.—Sol. freely in water; alcohol, glycerin; sl. in ether.—Escharotic, Antacid, Diuretic.—**Dose**: 1/2—1 grn. highly diluted.—**Preparation**: Solut. (5%).

Antidotes: Vinegar, lemon juice, orange juice; oil, milk. See also “Poisoning and its Treatment,” p. 274.

Potassium Hypophosphite Merck.—Purified.

Sol. in abt. 1 part water, 8 alcohol; insol. in ether.—**Dose**: 10—30 grn.—**Incompatibles**: As of Hypophosphorous Acid (Dil.).—**Caution**: Explodes violently on trituration or heating with any nitrate, chlorate, or other oxidizer.

Potassium Iodide.

Sol. in abt. 1 part water, 3 glycerin, 18 alcohol.—**Dose**: 3—30 grn.—**Incompatibles**: Alkaloidal salts; chloral hydrate; tartaric acid; calomel; silver nitrate; potass. chlorate; metallic salts; acids.—**Preparation**: Oint. (12%).

Potassium Nitrate.

Saltpeter; Niter.—Sol. in abt. 4 parts water; sl. in alcohol.—**Dose**: 10—60 grn.—**Preparation**: Paper (fumes inhaled in asthma).

Potassium Permanganate.

Sol. in abt. 18 parts water; decom. by alcohol.—Disinfectant, Déodorant, Emmenagogue.—**Dose**: 1—2 grn., in solut. or pills made with kaolin and petrolatum, or with cacao butter, after meals.—**Incompatibles**: Acids (mineral); alcohol; ammonia; arsenites; bromides; carbolic acid; chlorides; charcoal; fats; ferrous salts; glycerin; gums; hydrogen dioxide; hypophosphites; hyposulphites; mercurious salts; oils; organic substances; oxalic acid; oxalates; picric acid; piperazine; sulphites; tannic acid; tartaric acid.—Stains can be removed with oxalic or hydrochloric acid.

Potassium Phosphate Merck.—Highest Purity, Medicinal.

Wh., amorph., deliq. powd.—Sol. in water.—Alterative.—Uses: Scrofula, rheumatism, phthisis, etc.—**Dose**: 10—30 grn.
Potassium Salicylate Merck.

Wh., sl. deliq. powd.—Sol. in water or alcohol.—Antirheumatic, Antipyretic, Analgesic.—Uses: Rheumatism, pleurisy, pericarditis, lumbago, muscular pains, etc.—Dose: 5—20 grn.

Potassium Sulphate.—Cryst. or Powd.

Sol. in abt. 10 parts water; insol. in alcohol.—Uses: Constipation, and as antagalactic.—Dose: 20—120 grn., several t. daily, in solut.

Potassium Tartrate.

SOLUBLE TARTAR.—Colorl. cryst.—Sol. in abt. 1½ parts water; insol. in alcohol.—Diuretic, Laxative.—Dose: Diur., 15—30 grn.; lax., 1—3 drams.

Potassium and Sodium Tartrate.—Cryst. or Powd.

ROCHELLE, or SEIGNETTE, SALT.—Sol. in abt. 1½ parts water; insol. in alcohol.—Dose: 2—8 drams.—INCOMPATIBLES: Acids; ammon. chloride; barium, calcium, or lead salts; magnes. sulphate; potass. sulphate; silver nitrate; sod. sulphate.—Preparation: Seidlitz Powder.

Propionyl-phenetidin Merck.

TRIPHENIN.—Wh. powd.—Sol. in alcohol or ether; insol. in water.—ACTION, USES, ETC.,—see TRIPHENIN.

Propylamine, so-called,—see SOLUTION, TRIMETHYLAMINE.

Protargol.

Proteid compound of silver; 8% silver.—Yellow powd.—Sol. in water.—Uses: Chiefly gonorrhoea, and ophthalmia in the newborn.—Applied in 1/3—2% soluts.

Pumpkin Seed.

Anthelmintic.—Dose: 1—2 drams.

Pyoktanin, Blue.—Powder, or Pencils.

PENTA- and HEXA-METHYL-PARAROSANILINE HYDROCHLORATE, MERCK.—Violet, cryst. powd.; nearly odorl.; solut. very diffusible in animal fluids.—Sol. in abt. 12 parts 90% alcohol, 50 glycerin, 75 water; insol. in ether.—Antipyre, Disinfectant Analgesic.—Uses: Surgery, ophthalmic and otietric practice, diseases of throat and nose, gonorrhoea, leucorrhoea, varicose ulcers, burns, wounds, malignant and syphilitic neoplasms, conjunctivitis, etc.—Stains removed by soap, rubbing well and washing with alcohol.—Dose (in pyloric and other visceral carcinomas): 1—5 grn., in caps.; at first once daily, then 2, finally 3, t. a day.—Max. D.: 10 grn.—Extern. pure, or 1:100—1:100 solut.—INCOMPATIBLES: Alkalies; mercury bichloride.

Pyoktanin, Yellow.—Powder, or Pencils.

IMIDO-TEtramethyl-diamido-diphenyl-methane Hydrochlorate, Merck; Apyonine; Medicinal Auramine.—Yellow powd.—Sol. in water or alcohol.—Antiseptic, Disinfectant.—Uses:
Considerably weaker than the blue, and principally employed in diseases of skin and in ophthalmic practice.

**Pyrethrum.**

**PELLITORY.**—Topical Sialagogue; not used internally.—*Preparation:* Tr. (1:5).

**Pyridine Merck.**—Medicinal.

Colorl., hygroscopic liq.; empyreumatic odor; sharp taste.—Miscible with water, alcohol, ether, fatty oils, etc.—Respiratory Sedative, Antigonorrhoic, Antiseptic.—*Uses:* Asthma, angina pectoris, dyspnea, gonorrhea, etc. Contra-indicated in heart weakness.—**Dose:** 2—10 drops several t. daily, in water; *inhala-tion,* 45—75 ml evaporated spontaneously in room.—*Extern.*, urethral injection, % sol.; painty 10% sol.

Pyrethrum, Pellitort.—Topical Sialagogue; not used internally.—Preparation: Tr. (1:5).

Pyridine.—Pyridine Mercic.—Medicinal.

Colorl., hygroscopic liq.; empyreumaatic odor; sharp taste.—Miscible with water, alcohol, ether, fatty oils, etc. —Respiratory Sedative, Antigonorrhoic, Antiseptic.—*Uses:* Asthma, angina pectoris, dyspnea, gonorrhea, etc. Contra-indicated in heart weakness.—**Dose:** 2—10 drops several t. daily, in water; *inhala-tion,* 45—75 ml evaporated spontaneously in room.—*Extern.*, urethral injection, % sol.; painty 10% sol.

**Pyrogallol,**—see Acid, Pyrogallic.

**Pyrogallol Disalicylate,**—see Saligallol.

**Pyrogallol Mono-acetate,**—see Eugallol.

**Pyrogallol Tri-acetate,**—see Leningallol.

**Quassia.**

**Dose:** 10—30 grn.—*Preparations:* Ext. (D., 2—5 grn.); F. E. (D., 10—30 min.); Tr. (D., 1—3 fl. drs.); Infus. (D., 1—2 fl. oz., used also by enema as teniacide).

**Quassin, Merck.**—Highest Purity; Cryst.

Intensely bitter cryst. powd.—Sol. in alcohol or chloroform; sl. in water.—Tonic, Stimulant.—*Uses:* Invigorate digestive organs.—**Dose:** 1/3—1/3 grn.

**Quillaja.**

**Soap Bark.**—Expectorant, Antiparasitic, Antihidrotic.—**Dose:** 10—30 grn.—*Preparation:* Tr. (D., 20—60 min.).

**Quinalgen.**

**Analgen.**—Derivative of quinoline.—Wh., tastel., insol. powd.—Anodyne.—*Uses:* Sciatica, migraine, gout, rheumatism, etc.—**Dose:** 5—15 grn.

**Quinidine.**

**Chinin; Conchinine.**—From some species of Cinchona bark.—Colorl. prisms; effloresce on exposure.—Sol. in abt. 20 parts alcohol, 30 ether, 2000 water.—Antiperiodic, Antipyretic, Antiseptic, Tonic.—*Uses:* Substitute for quinine. Salts less agreeable to take, but more prompt in action.—**Dose:** Tonic, 1/3—3 grn.; antiper., 20—30 grn.; for a cold, 5—10 grn. in syrup, capsule, or pill.—Max D.: 40 grn.

**Quinidine Sulphate.**

Sol. in abt. 8 parts alcohol, 100 water, 100 glycerin.—**Dose:** As of Quinidine.
Quinine (Alkaloid) Merck.
Sol. in abt. 6 parts alcohol, 200 glycerin, 5 chloroform, 2000 water.—The salts are usually prescribed. For hypodermic use, the bisulphate, dihydrochlorate, or carbamidated hydrochlorate is to be preferred.—**Dose**: Tonic, $\frac{1}{2}$—2 grn. 3 t. daily; *antiper.*, 8—15 grn. 6—12 hrs. before paroxysm; *antipyr.*, 15—30 grn. in the course of an hour.—**Injection** (*Salts as below mentioned*); 3—8 grn.

Quinine Arsenate Merck.
**Insol.** in water.—**Uses**: Chiefly persistent intermittent fever.—**Dose**: 1$\frac{1}{2}$—3 grn.—**Max D.**: $\frac{1}{2}$ grn.—**Antidotes**: Same as of Arsenous Acid.

Quinine Arsenite Merck.
Sol. in alcohol, ether, chloroform; **insol.** in water.—**Uses** and **Dose**: As of Quinine Arsenate.

Quinine Bisulphate.
Sol. in abt. 10 parts water, 32 alcohol; eligible for subcutaneous use.—**Nasal Injection** (in hay fever): 0.2% aqueous solut.—**Dose**: As of Quinine alkaloid.

Quinine Carbonic Ether,—see Euquinine.

Quinine Dihydrochlorate Merck.
Well adapted to subcutaneous injection, on account of solubility.—**Dose**: As of Quinine alkaloid.

Quinine Hydrobromate Merck.
Sol. in abt. 55 parts water, 1 alcohol, 6 ether, 12 chloroform.—**Dose**: As of Quinine alkaloid.

Quinine Hydrochlorate Merck.
Sol. in abt. 3 parts alcohol, 9 chloroform, 35 water.—**Dose**: As of Quinine alkaloid.

Quinine Salicylate Merck.
White, bitter cryst.—Sol. in abt. 20 parts alcohol, 25 chloroform, 120 ether; sl. in water.—**Antiseptic, Antipyretic, Analgesic.**—**Uses**: Typhoid, rheumatism, lumbago, and muscular pain from cold.—**Dose**: 2—30 grn., in pill or caps.

Quinine Sulphate.
Sol. in dil. acids; in abt. 740 parts water, 65 alcohol, 40 glycerin.—**Dose**: As of Quinine alkaloid.—**Incompatibles**: Ammonia; alkalies; tannic acid; iodine; iodides; Donovan’s solution; other preparations incompatible with alkaloids in general (see under Morphine).

Quinine Tannate Merck.—**Neutral and Tasteless**.
Light-brown, **insol.** powd.—**Used** chiefly for children.—**Dose**:
(Children): 5—15 grn., with chocolate, in powd. or tablets.

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**This Manual is a General Compendium of the Materia Medica. Such Articles as May be Had of the Merck Brand are Especially so Designated Throughout the Book. When Ordering or Prescribing These, Please Specify: Merck.**
Quinine Valerianate Merck.
Wh. crys.; slight odor of valerian.—Sol. in abt. 5 parts alcohol, 120 water.—Nerve-тонic, Antipyretic, etc.—Uses: Hemicrania, malaria with nervous state or hysteria.—Dose: 2—6 grn.

Quinine and Urea Hydrochlorate Merck.
CARBAMIDATED QUININE DIHYDROCHLORATE.—Colorl. crys.—Sol. freely in water or alcohol.—Used by INJECTION: 2—8 grn.

Resin, Jalap, Merck.—True, Brown.
HEAVY JALAP RESIN.—Sol. in alcohol.—Dose: 1—3 grn.

Resin, Podophyllum, Merck.—Perfectly and Clearly Sol. in Alcohol and in Ammonia.
PODOPHYLIN.—In habitual constipation, small repeated doses act best.—Dose: ½—1 grn.; in acute constipation, ¾—1½ grn.

Resin, Scammony, Merck.—White, and Brown.
Dose: Draastic purg., 3—8 grn.

Resinol.—(Not Retinol!)
UNGUENTUM RESINOL.—Composition not completely divulged.—(Stated: “EXTERN. pure, night and morning.”)

Resorcin Merck.—Recryst, or Resublimed; Highest Purity.
RESORCINOL.—Wh. crys.; reddish on exposure; unpleasant sweet taste.—Sol. in abt. 1 part alcohol, 1 water, 1 ether, 1 glycerin.—Antiseptic, Antispasmodic, Antipyretic, Anti-emetic, Antizymotic.—Uses: Intern., in vomiting, sea-sickness, asthma, dyspepsia, gastric ulcer, cholera infantum, hay-fever, diarrhea, whooping-cough, cystitis, and diphtheria; extrn., inflammatory diseases of skin, eyes, throat, nose, mouth, urethra, vagina, etc.
Dose: Sea-sickness, chronic gastric catarrh, cholera nostras, or cholera morbus, 2—3 grn. every 1—2 hours, in solut. or powder; ordinary, 5—10 grn. several t. daily; anti-pyretic, 15—30 grn.—Max D.: 45 grn.—EXTERN. in 5—30% solut.—INCOMPATIBLES: Acetanilid; albumin; alkalies; antipyrine; camphor; euphorin; exalgin; ferric chloride; menthol; spt. nitrous ether; urethane.
CAUTION: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Resorcin, Salol, Aspirin, Salophen, Creosote and Gualacol or their compounds, and Thiocol.

Rhodalline,—see THIOSINAMINE.

Rhubarb.
Dose: Tonic, 3—10 grn., lax., 10—20 grn.; purg., 20—40 grn.—Preparations: Ext. (D.), 1—3—10 grn.); F. E. (D.), 5—15—30 min.); Pills (3 grn.); Comp. Pills (rhub., aloes, myrrh); Tr. (D.), 1—4 fl. drs.); Arom. Tr. (D., ½—2 fl. drs.); Sweet Tr. (with liquorice and glycerin; D.), 1—4 fl. drs.); Syr. (D., 1 fl. dr. for child); Arom. Syr. (D., 4 fl. drs. for child); Comp. Powd. (D., 30—120 grn.).—INCOMPATIBILITIES: Mineral acids; ferrous sulphate; infusions catechu, cinchona, and nutgall; lead acetate; lime-water; mercury bichloride; silver nitrate; tartar emetic; zinc sulphate.

This manual is a general compendium of the materia medica. Such articles as may be had of the Merck brand are especially so designated throughout the book. When ordering or prescribing these, please specify: Merck!
Rochelle Salt,—see Potassium and Sodium Tartrate.

Rubidium Iodide, Merck.
White cryst.—Sol. in water.—Alternative; Antiphlogistic.—Uses: Chiefly as potassium iodide; reported not to derange stomach.—Dose: 1—5 grn.—Extern. (optic neuritis, parenchym. conjunctivitis) in 5% solut.

Rubidium and Ammonium Bromide, Merck.
Yellowish-wh. powd.; saline taste.—Sol. in water.—Anti-epileptic, Nerve sedative.—Uses: Instead of potass. bromide.—Dose: In epilepsy, 1—2 drs. daily, in solut.; as hypnotic, 60—75 grn.

Rubus.
Blackberry.—Astringent.—Preparations: F. E. (D., 30—60 min.); Syr. (D., 2—4 fl. drs.).

Saccharin (Benzoyl-sulphonic Imide),—see Garantose.

Saccharin Tablets, Merck.
Each tablet equal in sweetness to a large lump of sugar.—Uses: For sweetening tea, coffee and other beverages.

Salicin, Merck.
Sol. in abt. 30 parts water, 60 alcohol.—Tonic, Antiperiodic, Antirheumatic.—Uses: Rheumatism, malaria, puerperal fever, chorea, etc.—Dose: 10—30 grn.—Max. D.: 150 grn. daily.

Saliformin.
Hexamethylene-tetramine Salicylate, Merck; Formin Salicylate.—Wh., cryst. powd.; acidulous taste.—Sol. easily in water or alcohol; Uric-acid Solvent and Genito-urinary Antiseptic.—Uses: Gout, gravel, cystitis, etc.—Dose: 5—10 grn. 3 or 4 t. daily, in tablets or elixir.

Saligallol.
Pyrogallol Disalicylate, Knoll.—Resinous solid; marketed only in 33% solut. in acetone.—Sol. in acetone or chloroform.—Skin varnish, of mild pyrogallol effect.—Uses: Chiefly as vehicle for eugallol, eurubin, and other dermics.—Extern.: 2—15% solut.

Salipyrine.
Antipyrine Salicylate.—Wh. powd.; odorl.; sweetish taste.—Sol. in abt. 250 parts water; also in alcohol, chloroform, ether.—Antirheumatic, Analgesic.—Dose: 10—30 grn., in cachets.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Antipyrine, Ferropyrine, and Salipyrine.

Salol, Merck.
Phenol Salicylate.—Sol. in abt. 3 part ether, 3 chloroform, 10 alcohol; in fatty oils; almost insol. in water.—Antiseptic, Antirheumatic, Antipyretic, etc.—Uses: Intern., typhoid fever, diarrhea, dysentery, fermentative dyspepsia, rheumatism, grip, and cystitis; extern., wounds, burns, gonorrhoea, sores, etc. Coating for enteric pills; such pills should be taken one hour or more after meals, and no oil with them.—Dose: 5—15 grn.; as
**Antipyrin.** 20–40 grn. — **Incompatibles:** Bromine water; camphor, monoorom. camphor, carbolic acid, chloral hydrate, euphorin, exalgin, naphtalin, thymol, or urethane in trituration; ferric chloride. — **Caution:** When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any one of the group: Resorcin, Salol, Aspirin, Salophen, Creosote and Guaiacol or their compounds, and Thiocol.

**Salophen.**

**Acetyl-para-amidophenol salicylate.** — Wh., odorl., tastel. leaflets or powd.; 51% salicylic acid. — Sol. in alcohol, ether; insol. in water. — Antirheumatic. — **Dose:** 10–20 grn. — **Caution:** When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any one of the group: Resorcin, Salol, Aspirin, Salophen, Creosote and Guaiacol or their compounds, and Thiocol.

**Salt, Epsom,** — see **Magnesium Sulphate.**

**Salt, Glauber’s,** — see **Sodium Sulphate.**

**Salt, Rochelle,** — see **Potassium and Sodium Tartrate.**

**Salt, Seignette,** — see **Potassium and Sodium Tartrate.**

**Salthpeter,** — see **Potassium Nitrate.**

**Sanguinaria.**

**Blood Root.** — Expectorant, Emetic. — **Dose:** 3–20 grn. — **Preparations:** F. E. (D., 3–20 min.); Tr. (P., 15–60 min.).

**Sanguinarine (Alkaloid) Merck.** — *(Not the eclectic "Sanguinarin."")*

Small, white needles: acrid, burning taste. — Sol. in chloroform, alcohol, ether. — Expectorant, Alterative, Emetic. — **Uses:** Chiefly as expectorant; also in dyspepsia, debility, etc. — **Dose:** 1/2–1 grn., in solut.; alter., 1/2–1 grn., emet., 1/2–1 grn.

**Sanguinarine Nitrate Merck.**

Red powd. — Sol. in alcohol. — **Uses, Doses, etc.:** As of Sanguinarine alkaloid.

**Sanguinarine Sulphate Merck.**

Red powd. — Sol. in alcohol. — **Uses, Doses, etc.:** As of Sanguinarine alkaloid.

**Santonin Merck.** — Cryst. or Powd.

**Anhydrous Santoninic Acid.** — Sol. in abt. 4 parts chloroform, 40 alcohol, 150 ether; sl. in water or glycerin. — **Dose:** 2–4 grn.; children of 2 years, 1/2–1/2 grn. — **Preparation:** Troches (1/2 grn.).

**Sarsaparilla.**

**Preparations:** Comp. Decoct. (D., 1–4 fl. oz.); F. E. (D., 30–120 min.); Comp. F. E. (D., 30–120 min.); Comp. Syr. (flavoring). — **Incompatibles:** Infus. nutgall; lead acetate; lime-water.

**Savine.**

Rubefacient, Emmenagogue. — **Preparations:** F. E. (D., 5–20 min.); Oil (D., 1–5 min.).

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Scammony.

**Dose**: 5—15 grn.—**Preparation**: Resin (D., 3—8 grn.).

Scoparius.

**Broom**.—Diuretic, Purgative.—**Dose**: 30—60 grn., as infus. (1—20).—**Preparation**: F. E. (D., 30—60 min.).—See also Sparteine.

Scopolamine Hydrobromate Merck.

From Scopolia Atropoides.—Colorl., hygroscopic cryst.—Sol. in abt. 4 parts water, 15 alcohol; sl. in chloroform or ether.—Mydriatic, Sedative.—**Uses**: Eextern., in ophthalmology, 1/5—1/3% solut.; hypoderm., for the insane.—**Injection**: 1/2—1 grn.—**Antidotes**: Muscarine; tannin; animal charcoal.—**Incompatibles**: As of alkaloids in general (see under Morphine).

Senega.

**Dose**: 5—20 grn.—**Preparations**: F. E. (D., 5—20 min.); Syr. (D., 1/3—2 fl. drs.).

Senna.

**Dose**: 1—4 drams.—**Preparations**: Confect. (D., 1—2 drs.); F. E. (D., 1—4 fl. drs.); Comp. Infus. (D., 1—3 fl. oz.); Syr. (D., child, 1—2 fl. drs.).—Enters into Comp. Liquorice Powd.—**Incompatibles**: Mineral acids; carbonates; infus. cinchona; lead acetate; lime-water; mercury bichloride; silver nitrate; tartar emetic.

Serpentaria.

**Virginia Snakeroot**.—Tonic, Antiperiodic, Diaphoretic.—**Dose**: 10—30 grn.—**Preparations**: F. E. (D., 10—30 min.); Tr. (D., 1—3 fl. drs.).—Enters into Comp. Tr. Cinchona.

Silver Chloride.

Wh. powd.; blackens in light.—Sol. in ammonia, potass. thiosulphate, potass. cyanide. —Antiseptic, Nerve-sedative. —**Uses**: Chorea, gastralgia, epilepsy, pertussis, diarrhea, and various nerves.—**Dose**: 1/3—1/2 grn., in pills.—Max. D.: 3 grn.

Silver Citrate Merck.

**Itrol**.—Wh. powd.—Sol. sl. in water.—Antiseptic Astringent.—**Uses**: Wounds, gonorrhea, etc.—Applied in 1—2% oint., or 2:8000 solut.—**Caution**: Prepare solut. fresh!

Silver Cyanide.

Sol. in soluts. potass. cyanide, ammonia, sodium thiosulphate.—Antiseptic, Sedative.—**Uses**: Epilepsy, chorea.—**Dose**: 1/3—1/2 grn., in pills.—**Antidotes**: Ammonia; chlorine; mixture of ferric and ferrous sulphates. See also “Poisoning and its Treatment,” p. 275.

Silver Iodide.

Sol. in soluts. potass. iodide or cyanide, ammon. thiosulphate.—Alterative.—**Uses**: Gastralgia and syphilis.—**Dose**: 1/4—1 grn., in pills.
Silver Lactate Merck.

AcTOL.—Wh. powd.—Sol. in abt. 20 parts water.—Antiseptic Astringent.—Uses: Sore throat, gonorrhea, etc.—Applied in 1:2000 solut.

Silver Nitrate.—Cryst.

Sol. in abt. 1 part water, 26 alcohol.—Dose: ½–1 grn.—Antidotes: Table salt; sal ammoniac; white of egg; milk. See also “Poisoning and its Treatment,” p. 275.—Incompatibles: Acetates; alcohol; alkalies; antimony salts; arsenites; bromides; carbonates; chlorides; chromates; creosote; cyanides; copper salts; extracts; ferrous sulphate; hypophosphites; iodides; morphine salts; oils; manganous salts; organic substances; phosphates; sulphides; sulphanilates; tannic acid; tartrates; vegetable astringent infusions and decoctions.

Silver Nitrate, Moulded (Fused).

Lunar Caustic.—Used only topically, as cauterant.

Silver Nitrate, Diluted.

Mitigated Caustic.—33% silver nitrate.

Silver Oxide.

Insol. in water, alcohol, etc.—Dose: ⅛–⅜ grn., best mixed with some chalk and put up in capsules.—Incompatibles: Ammonia; creosote; tannin; organic matter; phosphorous; salts of bismuth, copper, iron, and mercury.—Caution: Do not triturate with oxidizable matter; may cause explosion!

Sodium Acetate Merck.—Highest Purity, Medicinal.

Sol. in abt. 2 parts water, 30 alcohol.—Diuretic.—Dose: 15–90 grn.

Sodium Arsenate Merck.—Medicinal.

Sol. in abt. 4 parts water, 2 glycerin; sl. in alcohol.—Dose: ½–⅔ grn.—Preparation: Solut. (D., 3–10 ml).—Antidotes and Incompatibles: As of Arsenous Acid.

Sodium Benzoate Merck.

Sol. in abt. 2 parts water, 45 alcohol.—Antirheumatic, Antipyretic, Antiseptic.—Uses: Rheumatism, gout, uremia, cystitis, lithemia, tonsillitis, colds, etc.—Dose: 10–40 grn.—Incompatibles: Acids; ferric salts.

Sodium Bicarbonate.—Cryst. or Powd.

Sol. in abt. 12 parts water; insol. in alcohol or ether.—Dose: 10–40 grn.—Preparation: Troches (3 grn.).—Caution: Should not be given as acid-antidote, as it evolves large quantities of carbon dioxide gas in stomach.

Sodium Bisulphite Merck.—Pure.

Sol. in abt. 4 parts water, 72 alcohol.—Antiseptic.—Uses: Intern., sore mouth, diphtheria, yeasty vomiting; extern., skin diseases.—Dose: 10–30 grn.
Sodium Borate.

**Borax; Sodium Pyborate; so-called “Sodium Biborate” or “Tetraborate”**.—Sol. in abt. 25 parts water, 1 glycerin; insol. in alcohol.—Uses: Intern., amenorrhea, dysmenorrhea, epilepsy, uric-acid diathesis; extern., sore mouth, conjunctivitis, urethritis, etc.—**Dose**: 20—40 grn.—**Incompatibles**: Acids; alkaloidal and metallic salts.

Sodium Borate, Neutral, Merck.

“SODIUM TETRABORATE, Neutral.”—Transparent glass-like masses.—Sol. in water.—Antiseptic, Astringent.—Uses: Extern., chiefly in diseases of nose and ear; a cold saturated solut. used for bandages.

Sodium Bromide.

Sol. in abt. 2 parts water, 16 alcohol.—**Dose**: 10—60 grn.—**Incompatibles**: Acids; alkaloidal salts; antimony, bismuth, copper, lead, mercury, or silver salts.

Sodium Cacodylate Merck.

**SODIUM DIMETHYL-ARSENATE**.—Wh. powd.—Sol. in water.—Alternative, Hematinic, like arsenous acid; reported non-toxic.—Uses: Chiefly obstinate psoriasis, pseudo-leukemia, diabetes, tuberculosis.—**Dose**: 1—5 grn., in pills or hypoderm. or by enema.

Sodium Carbonate Merck.—Highest Purity, Medicinal.

Sol. in abt. 2 parts water or glycerin; insol. in alcohol or ether.—**Dose**: 5—20 grn.—**Antidotes**: Acetic acid; lemon juice; olive oil.

Sodium Chlorate.

Colorl. cryst.; odorl.; cooling, saline taste.—Sol. in abt. 2 parts water, 5 glycerin, 100 alcohol.—Deodorant, Antiseptic, Alterative.—Uses: Intern., diphtheria, tonsillitis, pharyngeal and laryngeal inflammation, stomatitis, gastric cancer, mercurial ptialism, etc.; extern., as wash, gargle or injection.—**Dose**: 5—15 grn.—**Incompatibles**: Organic matters, easily oxidizable substances.—**Caution**: Do not triturate with sulphur or phosphorus, or any combustible substance; severe explosion may occur.

Sodium Cinnamate Merck.—Highest Purity, Medicinal.

**Hetol**.—Wh. powd.—Sol. in water.—Antitubercular, like cin- namic acid.—**Injection** (intravenous or parenchym.): 1/2—1 grn. in 5% solut., twice a week.

Sodium Citrate.

Wh. powd.—Sol. freely in water; sl. in alcohol.—Diuretic, Anti-lithic, Refrigerant.—Uses: Gout, cystitis, rheumatism, fevers, etc.—**Dose**: 15—60 grn., in solut.

Sodium Ethylate, Liquid, Merck.

Colorl. syrupy liq.; turns brown on keeping.—Escharotic.—Uses: Warts, naevi, etc.—**Applied** with glass rod, pure. Chloriform arrests action.
Sodium Ethylate, Dry, Merck.
White or brownish, hygroscopic powd.—ACTION AND USES: As above.—APPLIED in concentrated solut. in absolute alcohol.

Sodium Fluoride Merck.—Pure.
Fluorol.—Clear cryst.—Sol. in water.—Antispasmodic, Antiperiodic, Antiseptic.—Uses: Intern., epilepsy, malaria, tuberculosis; extern., antiseptic dressing for wounds, lupus, vaginitis, etc. Does not attack nickel-plated instruments.—Dose: \( \frac{1}{2} - \frac{1}{4} \) grn., in solut. with sodium bicarbonate.—APPLIED in \( \frac{1}{4} - 1\% \) soluts.; in lupus, 10% plaster.

Sodium Formate Merck.
Wh., deliq. cryst.—Sol. in water or glycerin.—Uses: Chiefly surgical tuberculosis, by INJECTION (parenchymatous): Children, \( \frac{1}{2} - 1 \) grn.; adults, 3 grn., every 7—10 days.—Dose (synchronous with local treatment): 1—4 grn., every 2 hrs., in sweetened peppermint water.

Sodium Glycerino-phosphate Merck.—75% Solut.
Thick liq., or a mass.—Sol. in water.—Uses: Deficient nerve-nutrition, neurasthenia, phosphaturia, convalescence from influenza, exophthalmic goiter, etc.—Dose: 4—10 grn. 3 or 4 t. daily; in goiter 20 grn. 3 t. daily.—Injection: 3—4 grn. daily, in physiological solut. sodium chloride.

Sodium Hydrate Merck.
Sodium Hydroxide; Caustic Soda.—Sol. freely in water or alcohol.—Dose: \( \frac{1}{2} - 1 \) grn., freely diluted.—Preparation: Solut. (D., 5—20 m, well dil.).—Antidotes: Water, then vinegar or lemon juice. See also “Poisoning and its Treatment,” p. 275.

Sodium Hypophosphite Merck.—Purified.
Sol. in abt. 1 part water, 30 alcohol, 2 glycerin.—Dose: 10—30 grn.—Incompatibles: As of Hypophosphorous Acid (Dil.).—Caution: May explode violently when triturated or heated with any nitrate, chloride, or other oxidizer.

Sodium Hyposulphite,—see Sodium Thiosulphate.

Sodium Iodide.
Sol. in abt. 1 part water, 3 alcohol, 1 glycerin.—Uses: Rheumatism, pneumonia, tertiary syphilis, asthma, chronic bronchitis, scrofula, etc.—Dose: 5—30 grn.—Incompatibles: Alkaloidal salts; chloral hydrate; tartaric acid; calomel; silver nitrate; potass. chloride; metallic salts; acids.

Sodium Metavanadate Merck.
Wh., alm. tastel. powd.—Sol. in water.—Alterative, Anticachectic.—Uses: Succedaneum for arsenous acid intern. in anemia, chronic rheumatism, diabetes, neurasthenia, and tuberculosis.—Dose: \( \frac{1}{20} - \frac{1}{4} \) grn., before meals, in water.
Sodium Nitrate.

Chili Saltpetre.—Sol. in abt. 2 parts water, 100 alcohol.—Uses: Intern., inflammatory condition of intestines, dysentery, etc.; extern., rheumatism. 1:3 aqueous solut.—Dose: 10—60 grn.

Sodium Nitrite Merck.—Highest Purity, Medicinal.

Wh. cryst. or sticks; mildly saline taste.—Sol. in abt. 2 parts water; sl. in alcohol.—Antispasmodic, Diaphoretic, Diuretic.—Uses: Angina pectoris, dropsy, and diseases of genito-urinary organs.—Dose: 1—3 grn.—Incompatibles: Acetanilid; antipyrine; chlorates; gold chloride; hypophosphites; iodides; mercury salts; permanganates; sulphites; tannic acid; vegetable astringent decoctions, infusions, or tinctures.—Antidotes: Same as of Spirit Glnoin.

Sodium Phosphate Merck.—Superior; Highest Purity, Medicinal.

Colorl. cryst.—Sol. in abt. 6 parts water; insol. in alcohol.—Uses: Chronic rheumatism, stimulant of biliary secretion, mild laxative, and vesical calculi.—Dose: 5—40 grn.; as laxative, ½—1 oz.—Incompatibles: Alkaloids; antipyrine; carbolic acid; chloral hydrate; lead acetate; pyraceechin; pyrogallol; resorcin; salicylic acid; sodium salicylate.—Caution: Keep in well-stoppered bottles; it loses its water of crystallization on exposure.

Sodium Pyrophosphate Merck.—Pure.

Sol. in abt. 12 parts water; insol. in alcohol.—Uses: Lithiasis.—Dose: 5—40 grn.

Sodium Salicylate Merck.

Sol. in abt. 1 part water, 6 alcohol; also in glycerin.—Dose: 5—40 grn.—Max. D.: 60 grn.—Incompatibles: Ferric salts; lime-water; spt. nitrous ether; mineral acids; quinine salts in solut.; lead acetate; silver nitrate in solut.; sod. phosphate in powd.

(Merck's Sodium Salicylate is the only brand which yields a a clear and colorless solut.)

Sodium Salicylate Merck.—From Ol Wintergreen.

Uses, etc.: As the preceding.

Sodium Santoninate Merck.

Groups of needles; mildly saline, bitter taste; turns yellow in light.—Sol. in abt. 3 parts water, 12 alcohol.—Anthelmintic.—Uses: Instead of santonin; less powerful.—Dose (adult): 2—6 grn., in keratinized pills; children 4—10 years old, 1—3 grn.

Sodium Sulphate.—Cryst. or Dried.

Glauber's Salt.—Sol. (cryst.) in abt. 3 parts water; in glycerin; insol. in alcohol.—Dose: Cryst., 2—8 drams; dried, 1—4 drams.

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Sodium Sulphite Merck.—Pure, Cryst. or Dried.
Sol. in abt. 4 parts water; sl. in alcohol.—Antiseptic, Antizymotic.—Uses: Skin diseases, sore mouth, diphtheria, sarcina ventriculi, and chronic mercurial affections.—Dose: 10—60 grn., well diluted, in aromatized solut.

Sodium Sulphocarbolate Merck.—Highest Purity, Medicinal.
Sol. in abt. 6 parts water, 150 alcohol.—Antiseptic, Disinfectant. Uses: Intern., dyspepsia, phthisis, typhoid fever, dysentery, etc.; extern., gonorrhoea, putrid wounds, etc.—Dose: 5—20 grn.—Extern.: 1—2%.

Sodium Thiosulphate Merck.—Highest Purity, Medicinal.
Sodium Hyposulphite.—Sol. in abt. 1 part water; insol. in alcohol.—Uses: Parasitic skin diseases, sore mouth, sarcina ventriculi, diarrhea, flatulent dyspepsia, etc.—Dose: 5—20 grn.—Incompatibles: Iodine; acids; barium, lead, mercurous, and silver salts; chlorates; nitrates; oxidizers.

Solution, Aluminium Acetate.
8% basic aluminium acetate.—Colorl. liq.—Antiseptic, Astringent. —Uses: Intern., diarrhea and dysentery; extern., lotion for putrid wounds and skin affections, mouth-wash.—Dose: 3—15 ml, in sweetened water.—Extern., solut. 1:15; as mouth-wash or enema, solut. 1:150.

Solution, Ammonium Acetate.—U. S. P.
Spirit Mindererus.—Diaphoretic, Antipyretic, Diuretic.—Dose: 2—8 fl. drs.; children, ½—1 fl. dr.

Solution, Arsenic and Mercuric Iodides.—U. S. P.
Donovan’s Solution.—Dose: 5—10 ml, well diluted, after meals.—Antidotes: As of Arsenous Acid.—Incompatibles: Alkalies; alkaloidal salts.

Solution, Calcium Hydrate.—U. S. P.
Lime Water.—Antacid, Astringent.—Dose: 1—4 fl. oz.—Preparation: Liniment.

Solution, Donovan’s,—see Solution, Arsenic and Mercuric Iodides.

Solution, Fowler’s.—U. S. P.
Solut. Potass. Arsenite.—Dose: 1—5 ml.—Incompatibles: Alkaloidal salts; hypophosphites, iodides, and sulphites, in acid solut.; salts of aluminium, antimony, barium, calcium, chromium, copper, lead, mercury, silver, and zinc, in neutral solutions; tannic acid; iron salts.—Antidotes: Emetics, stomach siphon; freshly precipitated ferric hydrate, or ferric hydrate with magnesia; saccharated ferric oxide. See also “Poisoning and its Treatment,” p. 266.

Solution, Gutta-percha,—see Traumaticin.
Solution, Hydrogen Peroxide.—U. S. P.

3% \( \text{H}_2\text{O}_2 \) (= 10 vols. available O).—Miscible in all proportions water or alcohol.—Disinfectant, Deodorant, Styptic, Antizymotic. —Used chiefly extern.: in diphtheria, sore throat, wounds, gonorrhea, abscesses, etc.; intern., in flatulence, gastric affections, phthisical sweats, etc.; hypoderm. (2% solut.), in cyanide poisoning.—\textbf{Dose}: 1—4 fl. drs., well dil.—\textbf{Extern.}: in 20% solut. to pure.—Incompatibles: Alkalies; albumin; ammonia; arsenous salts; balsam peru; carbolic acid; charcoal; chlorides; chlorine water; citrates of alkalies; ferric salts; glycerin; gold salts; hydrocyanic acid; hypophosphites; iodides; lime-water; manganese dioxide; mercurous salts; nitrates; potassium bromide; permanganates; sulphates; solution chlorinated soda; tartrates; tinctures.—\textbf{Caution}.—Keep cool and quiet. It rapidly spoils.

Solution, Iodine, Compound.—U. S. P.

\textbf{Lugol's Solution}.—5% iodine, 10% potass. iodide.—\textbf{Alterative}.—\textbf{Dose}: 2—10 min.

Solution, Iron Chloride, Ferric.—U. S. P.

37.8%.—Styptic (chiefly in post-partum hemorrhage: 1 fl. dr. to pint water).

Solution, Iron Nitrate.—U. S. P.


Solution, Iron Subsulphate, Ferric.—U. S. P.

\textbf{Monsel's Solution}.—Styptic, Astringent.—Used chiefly extern.: pure or in strong solut.—\textbf{Dose}: 2—10 min., well dil.

Solution, Iron and Ammonium Acetate.—U. S. P.

\textbf{Basham's Mixture}.—Hematinic, Astringent. —\textbf{Dose}: \( \frac{1}{2} \text{—1 fl. oz.} \)

Solution, Labarraque's,—see Solution, Soda, Chlorinated.

Solution, Lead Subacetate.—U. S. P.

\textbf{Goulard's Extract}.—25%.—\textbf{Astringent}, \textbf{Antiseptic}. —Used chiefly to make \textit{Diluted Solution} (lead water), and \textit{Cerate} (20%).

Solution, Lugol's,—see Solution, Iodine, Compound.

Solution, Magnesium Citrate.—U. S. P.

Laxative, Refrigerant.—\textbf{Dose}: 6—12 fl. oz.

Solution, Mercury Nitrate, Mercuric.—U. S. P.

60%.—Caustic.—Used only extern., pure.

Solution, Monsel's,—see Solution, Iron Subsulphate.

Solution, Potassium Arsenite,—see Solution, Fowler’s.
Solution, Potassium Hydrate.—U. S. P.

**Potassa Solution**—5% KOH. —Antacid, Antilithic, Diuretic. —

**Dose**: 5—20 min., well diluted. —**Incompatibles**: Organic matter; acids; alkaloids; ammonium salts. —**Antidotes**: Mild acids; milk. See also “Poisoning and its Treatment,” p. 274.

Solution, Soda, Chlorinated.—U. S. P.

**Labarraque’s Solution**. —2.6% available chlorine. —Disinfectant, Antizymotic. —**Dose**: 20—60 min., well diluted. —**Extern.** in 3—10% solut. —**Antidotes**: Same as of Chlorine Water.

Solution, Sodium Arsenate.—U. S. P.

1%.—Alterative, Antiperiodic. —**Dose**: 3—10 min. —**Incompatibles**: Hypophosphites, iodides, and sulphites, in acid solut.; salts of aluminium, antimony, barium, calcium, chromium; copper, lead, mercury, silver, and zinc, in neutral solutions; tannic acid; iron salts. —**Antidotes**: Same as of Arsenous Acid.

Solution, Sodium Hydrate.—U. S. P.

**Soda Solution**. —5% NaOH. —Action, Uses, Dose, etc.: As of Solut. Potass. Hydrate.

Solution, Trimethylamine, Merck.—10%. —Medicinal.

So-called “**Propylamine**.” —Colorl. liq.; strong fishy and ammoniacal odor. —Antirheumatic, Sedative. —Uses: Rheumatism, chorea, etc. —**Dose**: 10—45 ml.; in chorea as much as 1½ fl. oz. daily have been given, in sweetened, flavored water.

Spartheine Sulphate Merck.

Sol. in water or alcohol.—Heart stimulant, Diuretic; Local Antipyretic. —**Uses**: Intern., where digitalis fails or is contra-indicated; extern. (in 5% solut.), erysipelas, etc. —**Dose**: ½—1 grn. —**Incompatibles**: Same as of alkaloids in general (see under Morphine).

Spearmint.

**Preparations**: Oil (D., 2—5 min.); Spt. (D., 15—40 min.); Water (vehicle).

Spigelia.

**Pinkroot**. —Anthelmintic. —**Dose**: 1—2 drams. —**Preparation**: F. E. (D., 1—2 fl. drs.).

Spirit, Ants, True, Merck.

From ants.—Rubefacient. —**Uses**: Counter-irritant in painful local affections. —**Extern.** undiluted.

Spirit, Glonoin.—U. S. P.

**Spirit (Solution) of Nitroglycerin (Trinitrin)**. —1%—Antispasmodic, Vaso-dilator. —**Dose**: 1—3 min., preferably in mixture. —**Incompatibles**: Alkalis; carbonates; hydrochloric acid; hydriodic acid. —**Antidotes**: Atropine, ergotin, or strychnine, hypoderm. ; stimulants. See also “Poisoning and its Treatment,” p. 271.

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Spirit, Mindererus,—see Solution, Ammonium Acetate.

Spirit, Nitrous Ether.—U. S. P.
Sweet Spirit of Niter.—Dose: 30–90 min.—Incompatibles: Antipyrine; tannin; acetaldehyde; iodides; fl. ext. buchu; tr. guaiac; morphine salts; carbonates; acacia; ferrous sulphate.

Squill.
Dose: 1–3 grn.—Preparations: F. E. (D. 1–3 min.); Syr. (D., 20–60 min.); Comp. Syr. (D., 20–60 min.); Tr. (D., 6–20 min.); Vinegar (D., 10–30 min.).

Staphisagria.
Stavesacre.—Parasiticide.—Used extern., in substance or 1–16 solut. of fl. ext. in dil. acetic acid.—Antidotes: Tannin; chloral hydrate; chloroform by inhal. See also "Poisoning and its Treatment," p. 275.

Stillinia.
Queen's Root. —Alterative, Resolvent.—Preparation: F. E. (D., 15–60 min.).

Stramonium Leaves.
Dose: 2–5 grn.

Stramonium Seed.
Dose: 1–3 grn.—Preparations: Ext. (D., 1/2–3 grn.); F. E. (D., 1–3 min.); Oint. (10% Ext.); Tr. (D., 6–20 min.).

Strontium Arsenite Merck.
Wh. powd.—Alm. insol. in water.—Alterative, Tonic.—Uses: Chiefly chronic skin diseases and malarial affections.—Dose: 1/2–1 grn., in pills.—Incompatibles and Antidotes: As of Arsenous Acid.

Strontium Bromide Merck.—Cryst.
Colorl., odorl., deliq.; bitter-saline taste.—Sol. in alcohol; about 2 parts water; insol. in ether.—Gastric Tonic, Nerve-sedative, Anti-epileptic, Anti-nephritic.—Uses: Hyperacidity of stomach; rheumatism, gout, epilepsy, nervousness, hysteria, headache, etc.—Dose: 10–40 grn. In epilepsy as much as 150 grn. per day has been given.—Incompatibles: Acids; alkaloids; salts of antimony, bismuth, copper, lead, mercury, and silver.

Strontium Iodide Merck.
White or yellowish, deliq. powd. or plates; bitterish-saline taste.—Sol. in abt. 1 part water; in alcohol; sl. in ether.—Alterative, Sialagogue.—Uses: Substitute for potassium iodide in heart disease, asthma, rheumatism, scrofula, etc.—Dose: 10–20 grn.—Incompatibles: As of Sodium Iodide.

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Strontium Lactate Merck.—Highest Purity, Medicinal.
White, granular powd.; slightly bitter taste.—Sol. in alcohol, 4 parts water.—Anthelmintic, Antinephritic, Tonic.—Uses: Nephritis, worms, rheumatism, gout, and chorea. Decreases albumin in urine, without diuresis.—Dose: 10—20 grn.; for worms, 30 grn. twice daily for 5 days.

Strontium Salicylate Merck.
Sol. in abt. 55 parts water; in alcohol.—Antirheumatic, Intestinal Antiseptic.—Uses: Rheumatism, chorea, muscular pains, pleurisy, intestinal fermentation.—Dose: 10—40 grn.—Incompatibles: As of Sodium Salicylate.

Strophanthin Merck.
Wh. powd.; very bitter taste.—Sol. in water or alcohol; alm. insol. in ether or chloroform.—Heart Tonic.—Uses: As of Digitalin.—Dose: \( \frac{1}{20} \)—\( \frac{1}{10} \) grn.—Antidotes: Muscarine; atropine; camphor; picrotoxin; brandy. See also p. 270.

Strophanthus.
Preparation: Tr. (D., 3—10 min.).

Strychnine (Alkaloid).
Sol. in abt. 7 parts chloroform, 110 alcohol, 6700 water.—Dose: \( \frac{1}{3} \)—\( \frac{1}{2} \) grn.—Antidotes: Tannin; apomorphine; paraldehyde; urethane; chloroform; chloral hydrate. See also "Poisoning and its Treatment," p. 276.

Strychnine Arsenate Merck.
Wh. powd.; very bitter taste.—Sol. in abt. 15 parts water.—Alternative, Antitubercular.—Uses: Tuberculosis, skin diseases, malarial affections, etc.; usually hypoderm.: 4—10 ml of 0.5% suspension in liq. paraffin daily.—Dose: \( \frac{1}{3} \)—\( \frac{1}{2} \) grn.

Strychnine Arsenite Merck.
Wh. powd.—Sol. sl. in water.—Uses, Dose, etc.: As of Strychnine Arsenate.

Strychnine Hypophosphite Merck.
Wh. powd.—Sol. in water.—Uses: Tubercular affections, scrofula, and wasting diseases generally.—Dose: \( \frac{1}{3} \) grn.

Strychnine Nitrate Merck.
Wh. needles or powd.—Sol. in abt. 50 parts water, 60 alcohol.—Uses, Doses, etc.: As of Strychnine alkaloid. Most frequently used in aipsomania.

Strychnine Sulphate.
Sol. in abt. 50 parts water, 110 alcohol.—Uses, Doses, etc.: As of Strychnine alkaloid.—Incompatibles (of all strychnine salts): Alkales; alkali carbonates and bicarbonates; ammonium chloride; benzoates; bichromates; bromides; borax; cyanides;
gold chloride; ichthylol; iodides; mercuric chloride; oxalic acid; picric acid; piperazine; potassio-mercuroic iodide (not if acacia present); oxidizers; tannic acid; salicylates.

Stypticin.

COTARNINE HYDROCHLORATE MERCK.—Yellow powd.—Sol. in water or alcohol.—Hemostatic, Uterine Sedative; Styptic.—Uses: Highly extolled in atypical uterine hemorrhages not dependent upon neoplasms or retained fragments of ovum or upon marked inflammation of endometrium. Reported excellent also in prolonged or excessive menstruation, particularly in young girls, as effective in purely climacteric hemorrhages, dysmenorrhea, and hemoptysis; also, to be very efficacious in nosebleed and in bleeding following tooth-extraction.—Dose: 1/2—4 grn. as required, 4 to 5 t. daily, in aromatic elixir or tabl.; in dysmenorrhea and menorrhagia, 2 grn. 4 to 5 t. daily.—Injection (urgent cases): 1—4 grn., in 10% solut.—Extern. (stygic): pure or in strong solut.—[Further information in "Merck’s Digest" on Stypticin, containing clinical reports.]

(Procurable also as Merck’s 3/4-grn. sugar-coated Tablets and Merck’s 3/4-grn. Hypodermic Tablets.)

Sulfonal.

DIETHYL SULPHONE-DIMETHYL-METHANE.—Colorl., tastel. cryst.—Sol. in abt. 500 parts water, 135 ether, 110 dil. alcohol.—Hypnotic, Sedative.—Dose: 15—45 grn., in powd.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Trional, Sulfonal, Chloral Hydrate, Chloralamide, Chloralose, and Dormiol.

Sulphur Merck.—Precipitated, Pure.

LAC SULPHURIS; MILK OF SULPHUR.—Dose: 1/2—2 drams.

Sulphur, Sublimed.

FLOWERS OF SULPHUR.—Intended for external use only.

Sulphur, Washed.

Dose: 1—3 drs.—Preparation: Oint. (30 per cent.).—Enters into Comp. Liquorice Powd.

Sulphur Iodide Merck.

80% iodine.—Grayish-black masses.—Sol. in abt. 60 parts glycerin; insol. in water.—Antiseptic, Alterative.—Uses: Intern., scrofula, and chronic skin diseases; extern., in 5—10% oints., in eczema, psoriasis, prurigo, etc.—Dose: 1—4 grn.

Suprarenal Capsule, Dried, Merck.

1 part represents 5 parts fresh capsule.—Alterative, Nervine.—Uses: Addison’s disease, diabetes insipidus, neurasthenia, rachitis, cyclic albuminuria, climacteric disturbances, etc.—Dose: 3—8 grn., 2 or 3 t. daily, 1 hr. after meals, in powders or tablets; children in proportion to age.—See also Extract Suprarenal Capsule.

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Swapania.
Composition not completely divulged.—(Stated: "Purified opium. —Dose: Same as of Opium.")

Syrup, Hydriodic Acid.—U. S. P.
1% absol. HI.—Alterative.—Dose: 30—60 min.

Syrup, Hypophosphites.—U. S. P.
Ea. fl. dr. contains 2 1/2 grn. calc. hypophos., 1 grn. ea. of pot. and sod. hypophos.—Alterative, Tonic.—Dose: 1—2 fl. drs.—Incompatibles: Arsenicals; chlorates; cupric and ferric salts; nitric acid; permanganates; sulphuric and sulphurous acids.

Syrup, Hypophosphites, Fellows'.
Composition not completely divulged.—(Stated: "Dose: 1—2 fl. drs., 3 t. daily, in wineglassful water."")

Syrup, Hypophosphites, McArthur's.
Composition not completely divulged.—(Stated: "Dose: 2—4 fl. drs., in water, after meals."")

Syrup, Hypophosphites, with Iron.—U. S. P.
Ea. fl. dr. contains 2 1/2 grn. calc. hypophos., 1 grn. ea. of pot. and sod. hypophos., 3/4 grn. iron lactate.—Alterative, Hematinic.—Dose: 1—2 fl. drs.

Syrup, Iron Iodide.—U. S. P.
10% ferrous iodide.—Alterative, Hematinic.—Dose: 15—30 min.

Syrup, Iron, Quinine, and Strychnine Phosphates.—U. S. P.
Easton's Syrup.—Ea. fl. dr. contains 1 grn. ferric phosph., 1 1/2 grn. quinine, 1/2 grn. strychnine.—Nervine, Hematinic.—Dose: 1—2 fl. drs.

Syrup, Lime.—U. S. P.
Antacid, Antidote to Carbolic Acid.—Dose: 30—60 min.

Syrup Roborans.
Composition not completely divulged.—(Stated: "Dose: 1—4 fl. drs. 3 t. daily."")

Taka-Diastase.
(Diastase Takamine).—Brownish powd.; alm. tastel.—Sol. in water; insol. in alcohol.—Starch-digestant (1 part stated to convert over 100 parts dry starch).—Used in amylaceous dyspepsia.—Dose: 1—5 grn.

Tannalin.
Tannin Albuminate Exsiccated, Knoll.—Light-brown, odorl., tastel. powd.; 50% tannin.—Insol. in water.—Intestinal Astring-
ent and Antidiarrheal. Reported not acted upon in stomach, but slowly and equably decomposed in the intestines; thus causing no gastric disturbance, while gently yet firmly astringent on entire intestinal mucosa; without by- or after-effects. — Dose: 15—30 grn. hourly until effect is noticeable, then 3—5 t. daily, in tabl. or powd., with water; continue in diminished dose a few days after diarrhea ceases. Nurslings receive 5—8 grn., ½ hourly at first, then 4 t. daily, in gruel or other mucilaginous vehicle; children, up to 15 grn. per dose. — [“Merck’s Digest” on Tannalbin, contains clinical reports and detailed information.]

(Procurable also in Merck’s 5-grn. crushable Tablets.)

Tannigen.
Triacetyl-tannin. — Gray, sl. hygrosc. powd. alm. odorl. and tastel. — Sol. in alkaline fluids or alcohol; insol. in water. — Intestinal Astringent. — Dose: 5—30 grn.

Tannin,—see Acid, TANNIC.

Tannin Albuminate, Exsiccated,—see TANNALBIN.

Tannoform.
Tannin-formaldehyde Merck. — Loose, reddish powd. — Sol. in alcohol or alkaline liqs.; insol. in water. — SeccoATIVE Antiseptic and Deodorant. — Uses: Hyperidrosis, bromidrosis, weeping eczema, ozena, etc. — Applied pure or in 25—50% triturations. — [Further information in “Merck’s Digest” on Tannoform, containing clinical reports.]

Tannopine.
Hexamethyleneetetramine-tannin. — Brown, sl. hygrosc. powd. — Sol. in dil. alkalies; insol. in water, alcohol, or dil. acids. — Intestinal Astringent. — Dose: 15 grn. several t. daily; children 3—8 grn.

Tar.
Preparations: Oint. (50%); Syr. (D., 1—4 fl. drs.).

Taraxacum.

Tartar Emetic,—see Antimony AND Potassium TARTRATE.

Tartar, Soluble,—see Potassium TARTRATE.

Terebene Merck.—Optically Inactive.
Colorl. or sl. yellowish liq.; thyme-like odor; resinifies in light. — Sol. in alcohol, ether, chloroform; sl. in water. — Expectorant, Antiseptic, Antifermentative. — Uses: Intern., in chronic bronchitis, flatulent dyspepsia, genito-urinary diseases, emphysema, phthisis, bronchitis, dyspnea, etc.; extern., uterine cancer, gangrenous wounds, skin diseases, etc.; in phthisis by inhalation (about 2 oz. per week). — Dose: 4—20 ml., with syrup or on sugar.

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Terpin Hydrate Merck.—Highest Purity, Medicinal.
Colorl. prisms; sl. bitter taste.—Sol. in abt. 10 parts alcohol, 100 ether, 200 chloroform, 250 water.—Expectorant, Antiseptic, Diuretic, Diaphoretic.—Uses: Bronchial affections, whooping-cough, throat affections, tuberculosis, genito-urinary diseases, etc.—Dose: Expectorant, 3—6 grn.; diuretic, 10—15 grn.; several t. daily.

Terpinol Merck.
Oily liq., hyacinthine odor.—Sol. in alcohol, ether.—Bronchial Stimulant, Antiseptic, Hemostatic.—Uses: Phthisis, hemoptysis, tracheal and bronchial catarrhs.—Dose: 2—5 Ml, in caps. or with milk.

Tetra-ethyl-ammonium Hydroxide Merck.—105° Solut.
Alkaline, bitter, caustic liq.—Solvent of Uric Acid.—Uses: Rheumatism, gout, etc.—Dose: 10—20 Ml 3 t. daily, well diluted.—Caution: Keep well-stoppered!

Tetraiodo-phenolphthalein,—see Nosophen.
Tetraiodo-pyrrole,—see Iodole.
Tetramethyl-thionine Hydrochlorate,—see Methylene Blue, Medicinal.

Thalline Sulphate Merck.—(Not Thallium.)
Yellowish needles or powd.; cumarin-like odor; acid-saline-bitterish taste; turns brown on exposure.—Sol. in abt. 7 parts water, 100 alcohol.—Antiseptic, Antipyretic.—Uses: Intern., typhoid fever, malarial fever, etc.; extern., 1—2% injection for gonorrhea; in chronic gonorrhea a 5% solut. in oil is best.—Dose: 3—8 grn.—Max. D.: 10 grn.

Thalline Tartrate Merck.—(Not Thallium.)
Whitish cryst. or powd.—Sol. in abt. 10 parts water, 300 alcohol.—Uses, Doses, Etc.: As the Sulphate.

Thallium Acetate Merck.—(Not Thallium.)
Wh., deliq. cryst.—Sol. in water or alcohol.—Uses: Phthisical night-sweats.—Dose: 1$\frac{1}{2}$—3 grn. at bedtime.

Theine,—see Caffeine.

Theobromine (Alkaloid) Merck.
Wh. powd.; bitter taste.—Sol. in ether; insol. in water or chloroform.—Dose: 5—15 grn. 4 t. daily.

Theobromine Salicylate Merck.—True Salt.
Wh., acid, permanent needles; not decomp. by water.—Sol. sl. in water.—Uses: Powerful Diuretic and Genito-urinary Antiseptic; uniform and perfectly stable.—Dose: 15 grn. several t. daily, in wafers, or in powd. with garantose.
Theobromine and Lithium Benzoate Merck.
UROPERIN B.—Wh. powd.; 50% theobromine; decom. by exposure.—ACTION, DOSE, etc.,—see UROPERIN B.

Theobromine and Lithium Salicylate Merck.
UROPERIN S.—Wh. powd.—ACTION, etc., see UROPERIN S.

Theobromine and Sodium Salicylate Merck.
Wh., odorl. powd.; decom. by exposure.—Diuretic.—USES: Cardiac dropsy; nephritis, especially of scarlet fever.—Dose: 15 grn. 5—6 t. daily, in powd. or caps., followed by water.

Thermadin.
ACETYL-PARAETHOXY-PHENYLURETANE MERCK.—Colorl., odorl. cryst. — Sol. sl. in water. — Antipyretric, Analgesic.—USES: Typhoid, pneumonia, influenza, tuberculosis, etc.—Dose: Antipyr., 5—10 grn.; analog., 15—20 grn.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Euphorin, Neurodin, and Thermadin.

Thiocol.
POTASSIUM GUAIACOL-SULPHONATE ROCHE.—Wh., odorl. powd., of faint bitter, then sweet, taste.—Sol. in water or syrup; sl. in alcohol; insol. in ether.—Antitubercular, Anticatarrhal; reported non-irritating to mucosa of digestive tract, readily assimilated, uniformly well borne even by the most sensitive, and perfectly innocuous.—USES: Phthisis, chronic coughs and catarrhs, scrofula, typhoid, etc.—Dose: 5—20 grn. 3 t. daily, in solut. with orange syrup, or as tablets.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Resorcin, Salol, Aspirin, Salophen, Creosote and Guaiacol or their compounds, and Thiocol.—[Further information in "Merck's Digest" on Thiocol, containing clinical reports.]

(Procurable also in Merck’s 5-grn. crushable Tablets.)

Thiosinamine Merck.
ALLYL SULPHO-CARBAMIDE; ALLYL SULPHO-UREA; RHODALLINE.—Colorl. cryst.; faint garlic odor; bitter taste.—Sol. in water, alcohol, ether.—Resolvent.—USES: Intern. or hypoderm., in stricture, corneal opacity, chronic deafness; extern., in lupus, chronic glandular tumors, cicatrices.—Dose: ½ grn., grad. increased to 1½ grn., twice daily, in caps. or dil. alcohol.—Injection (parenchym. or subcut.): 1—2 grn., in glycerino-aqueous solut., every 3 days.

Thymol Merck.—Highest Purity, Medicinal.
THYMIC ACID.—Sol. in abt. 1 part alcohol, ether, or chloroform; 1500 water.—USES: Intern., rheumatism, gout, chyluria, worms, gastric fermentation, etc.; extern., inhaled in bronchitis, coughs, coryza, etc.; for toothache and mouth-wash, and for wounds, ulcers, and skin diseases.—Dose: 1—10 grn.—INCOMPATIBLES: Acetanilid, antipyrene, butyl-chloral hydrate, camphor, monobrom. camphor, carbolic acid, chloral hydrate, euphorin, menthol, quinine sulphate, salol, or urethane, in trituration; gold salts; spt. nitrous ether.
Thyraden.
Standardized Dried Extract Thyroid Gland, Knoll.—1 part represents 2 parts fresh gland. Light-brownish, sweet powd., free from ptomaines.—Alternative, Antifat.—Uses: Myxedema, cretinism, struma, obesity, etc.—Dose: 2–4 grn. 3 t. daily, gradually increased to 8 grn. if necessary, best taken in tablets; children \( \frac{1}{4} - \frac{1}{2} \) as much.

(Procurable also in Merck's 2-grn. crushable Tablets.)

Thyroidin Merck.
Dried extract sheep's thyroid; 1 part represents 6 parts fresh gland.—Whitish powd.—Alternative, Antifat.—Uses: As of Thyraden.—Dose: \( \frac{1}{2} - 1 \) grn., gradually increased to 2 grn., 3 t. daily, in tablets.

Thyro-iodine,—see Iodothyrine.

Tincture, Aconite.—U. S. P.
Dose: 1–3 \( \text{mL} \).—Antidotes: Atropine, digitalin, strychnine; stimulants. See also "Poisoning and its Treatment," under Aconite, p. 205.—Caution: Tincture Aconite U. S. P. is 3½ times as powerful as that of the German Pharmacopoeia, and 7 times as strong as that of the British Pharmacopoeia of 1898.

Tincture, Adonis Estivalis, Merck.
Anti-fat.—Dose: 10–30 \( \text{mL} \) after meals, in lithia water.—Caution: Do not confound with Tincture Adonis Vernalis.

Tincture, Arnica Flowers.—U. S. P.
Antiseptic, Antipyretic.—Uses: Intern., to check fever; extern., chiefly in bruises and other injuries.—Dose: 10–30 \( \text{mL} \).

Tincture, Hydrastis.—U. S. P.
Hemostatic, Astringent, Alterative.—Uses: Uterine hemorrhages, chronic catarrh, hemorrhoids, leucorrhea, gonorrhea, etc.—Dose: 30–60 \( \text{mL} \).

Tincture, Hyoscyamus.—U. S. P.
Dose: 10–60 \( \text{mL} \).—Antidotes: Animal charcoal; opium; pilocarpine hypodermically; stimulants. See also "Poisoning and its Treatment," p. 271.

Tincture, Iron Chloride.—U. S. P.
Dose: 5–20 \( \text{mL} \), diluted.—Incompatibles: Alkalis; alkali benzoates and carbonates, antipyrine; vegetable infusions and tinctures; mucilage acacia.

Tincture, Nux Vomica.—U. S. P.
Assayed.—Tonic, Stimulant.—Uses: Atonic indigestion; stimulant to nervous system; chronic bronchitis, adynamic pneumonia; poisoning by opium, chloral, or other narcotics; affections with impaired muscular nutrition, etc.—Dose: 5–15 \( \text{mL} \).
—Incompatibles: As of Strychnine; also water.—Antidotes. Tannin; apomorphine; paraldehyde; chloroform; chloral hydrate; potass. bromide. See also “Poisoning and its Treatment,” under Strychnine, p. 276.

Tincture, Pulcastilla.
Antispasmodic, Sedative, Anodyne.—Uses: Intern., asthma, whooping-cough, spasmodic dysmenorrhea, orchitis, etc.; extern., leucorrhea (1:10 water).—Dose: 5—20 ml.—Antidotes: Tannin, then emetics. See also “Poisoning and its Treatment,” under Strychnine, p. 276.

Tincture, Stramonium Seed.—U. S. P.
Dose: 6—20 ml.—Antidotes: Animal charcoal; tannin; opium; pilocarpine. See also “Poisoning and its Treatment,” under Belladonna, p. 266.

Dose: 3—10 ml.—Antidotes: Animal charcoal; tannin; opium; pilocarpine. See also **Poisoning and its Treatment,” under Belladonna, p. 266.

Tincture, Veratrum Viride.—U. S. P.
Dose: 3—10 ml.—Antidotes: Tannic acid; atropine; stimulants. See also “Poisoning and its Treatment,” p. 277.

Toluene Merck.
Toluol.—Colorl., refractive liq.; benzene-like odor.—Sol. in alcohol, ether, chloroform; sl. in water.—Uses: Topically, in diphtheria, as “Loeffler’s Solution” — Toluene 18 cubic centimeters; Solut. Iron Chloride 2 cubic centimeters; Menthol 5 grammes; Alcohol 30 cubic centimeters; applied with swab every 3 hrs.

Tongaline.
Composition not completely divulged.—(Stated: “Dose: 1—2 fl. drs.”)

Traumaticin.
Solut. of gutta-percha in chloroform.—Thick, viscid, dark-brown liq.—Uses: Extern., in dentistry and surgery, as a protective covering for bleeding surfaces, cuts, etc.; also as vehicle for dermics.

Tri-iodides (Henry’s).
Composition not completely divulged.—(Stated: “Dose: 1—2 fl. drs. every 2 or 3 hrs.”)

Tri-iodo-cresol,—see Losophan.

Trimethylamine Solution, Medicinal, — see Solution, Trimethylamine.

Trional.
Diethylsulphone-methylethylmethane. — Wh. powd.; faint, bitter taste.—Sol. in abt. 320 parts water; in alcohol or ether. —Hypnotic, Sedative.—Dose: 15—30 grn.—Max. Dose: 45 grn. —Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Trional, Sulfonal, Chlortal Hydrate, Chlormamide, Chloralose, and Dormiol.

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Trioxymethylene Merck.
(Commonly but erroneously called "Paraformaldehyde" and "Paraform").—Wh. powd.—Insol. in water, alcohol, ether.—Antiseptic, Escharotic.—Uses: Intern., cholera nostras, diarrhea, etc.; extern., chiefly to generate formaldehyde gas by heating, also in warts.—Dose: 5—15 grn. several t. daily.—Extern. (warts) in 10% suspension in collodion, thrice daily.

Triphenin.
Propionyl-phenetidin Merck.—Wh. powd.—Sol. in abt. 2000 parts water.—Antipyretic and Antineuralgic; reported prompt, without by- or after-effects.—Dose: Antipyr., 4—10 grn.; antineur., 15—20 grn.—Caution: When prescribing two or more of the following remedies in one prescription, the aggregate of the doses should not exceed the maximum dose of any single one of the group: Acetalilid, Phenacetin, Citrophen, Kryofine, Lactophenin, Phenocoll Hydrochlorate, and Triphenin.—[Further information in "Merck's Digest" on Triphenin, containing clinical reports.]

(Procurable also in Merck’s 5-grn. crushable Tablets.)

Triticum.
Couch-Grass.—Demulcent. Diuretic.—Dose: 1—4 drs., in infusion (1:20).—Preparation: F. E. (D.), 1—4 fl. drs.)

Tropacocaine Hydrochlorate Merck.
Benzoyl-pseudo tropeine Hydrochlorate.—Colorl. cryst.—Sol. in water.—Succedanum for Cocaine. Reported not half as toxic as cocaine; anaesthesia from it sets in more rapidly and lasts longer than with cocaine; causes much less hyperemia than does cocaine; mydriasis does not always occur, and when it does, is much less than with cocaine; activity of solut. retained for two to three months; may replace cocaine in every case as an anæsthetic.—Applied in 3% solut., usually in 0.6% sodium-chloride solut.—[Further information in "Merck’s Digest" on Tropa cocaine, containing clinical reports.]

Turpentine, Chian, Merck.
Thick, tenacious, greenish-yellow liq.; peculiar, penetrating odor.—Antiseptic.—Uses: Chiefly Extern., cancer.

Uranium Nitrate Merck.—Highest Purity, Medicinal.
Yellow cryst.—Sol. in water, alcohol, ether.—Uses: Diabetes.—Dose: 1—2 grn., grad. increasing to 15 grn., 2 or 3 t. daily.

Urea Merck.
Carbamid.—Wh. cryst.—Sol. in water or alcohol.—Diuretic.—Uses: Cirrhosis of liver, pleurisy, renal calculus, etc.—Dose: 10—20 grn. every 1 or 2 hrs., in water.—Incompatibilities: Chloral hydrate; lead acetate.

Urethane Merck.
Ethyl Urethane.—Colorl. cryst.; faint, peculiar odor; salt petre-like taste.—Sol. in abt. 1 part alcohol or water, 2 ether or chloroform, 3 glycerin, 20 olive oil.—Hypnotic, Antispasmodic, Sed-
ative.—Uses: Insomnia, eclampsia, nervous excitement, tetanus and as antidote in strychnine, resorcin, or picrotoxin poisoning. Does not interfere with circulation; no unpleasant after-effects. In eclampsia it should be given per enema.—**Dose**: Sedative 10–20 grn., 1–4 t. daily; hypnotic, 30–45 grn., in 3 portions at ½–1 hr. intervals, in 10% solut.—Max. D.: 80 grn.—**Incompatibles**: Alkalies; acids; antipyrine, butyl-chloral hydrate, camphor, carbolic acid, euphorin, menthol, naphtol, resorcin, salol, or thymol, in trituration.

Uricedin.
Composition not completely divulged.—(Stated: “**Dose**: 15–30 grn., in hot water, 3 t. daily.”)

Uropherin B.
**Theobromine and Lithium Benzoate Merck.—50% theobromine.**—Wh. powd.; decomp. on exposure.—Diuretic; works well with digitalin.—**Dose**: 5–15 grn., in powd. or caps., followed by water.—Max. D.: 60 grn. daily.

Uropherin S.
**Theobromine and Lithium Salicylate Merck.**—Wh. powd.—Uses, Dose, Etc.: As Uropherin B.

Urotropin,—see Formin.

Uva Ursi.
**Bearberry.**—Tonic, Diuretic, Antilithic.—**Dose**: 1–2 drs. —**Preparations**: Ext. (D., 5–15 grn.); F. E. (D., 1–2 fl. drs.).—**Incompatibles**: Alkalies; infus. cinchona; iron and lead salts; opium; silver nitrate; sp. nitrous ether; tartar emetic.

Valerian.
**Dose**: 10–30 grn.—**Preparations**: F. E. (D., 10–30 min.); Tr. (D., 1–2 fl. drs.); Ammon. Tr. (D., 1–2 fl. drs.).—**Incompatibles**: Infus. cinchona; iron and silver salts.

Validol.
**Menthol Valerianate Zimmer.**—Colorl., light liq.; mild, pleasant odor; cooling, faintly bitter taste; 30% menthol, 70% valerianic acid.—Nerve Sedative, Carminative, Stomachic.—Uses: Hysteria, epilepsy, seasickness; flatulent or nervous dyspepsia, vomiting of pregnancy, gastralgia, etc.—**Dose**: 10–20 drops, on sugar.

Veratrine (Alkaloid) Merck.—*(Not the eclectic “Veratrin.”)*
Wh. powd.; exceedingly irritating to mucous membranes.—Sol. in abt. 3 parts chloroform or alcohol, 6 ether; sl. in water.—Uses: Intern., gout, rheumatism, neuralgia, scrofula, epilepsy; extern., stiff joints, sprains, and chronic swellings.—**Dose**: 1/8–1/6 grn.—Max. D.: 1/6 grn.—**Extern.**: 1–4% in oint.—**Preparations**: Oleate (2%); Oint. (4%).—**Antidotes**: Tannic acid; charcoal; stimulants; morphine with atropine hypoderm. See also “Poisoning and its Treatment,” p. 277.
**Veratrum Viride.**
*American Hellebore.*—Cardiac Depressant, Diaphoretic, Diuretic.—*Preparations*: F. E. (D., 1—4 min.); Tr. (D., 3—10 min.)

**Viburnum Opulus.**
*Cramp Bark.*—Antispasmodic, Sedative.—*Preparations*: F. E. (D., 30—60 min.).

**Viburnum Prunifolium.**
*Black Haw.*—Astringent, Nervine, Oxytocic.—*Preparations*: F. E. (D., 15—60 min.).

**Vitogen.**
Composition not completely divulged.—(Stated: "Used only extern., pure.")

**Water, Bitter-Almond, Merck.**—Distilled.
0.1% hydrocyanic acid.—*Uses*: Chiefly as vehicle.—*Dose*: 10—20 m.

**White Precipitate,—see MERCURY-AMMONIUM CHLORIDE.**

**Wild-Cherry Bark.**
Astringent, Tonic, Sedative.—*Preparations*: F. E. (D., 20—60 min.); Infus. (D., 1—4 oz.); Syr. (D., 1—4 drams).

**Xanthoxylum.**
*Prickly Ash.*—Diaphoretic, Alterative, Counter-irritant.—*Preparation*: F. E. (D., 15—60 min.).

**Xeroform.**
*Tri Bromphenol-Bismuth.*—Yellow-green, alm. odorl. and tastel., insol. powd.; 50% tribromphenol.—Surgical and Intest. Antiseptic.—*Uses*: Extern., infected wounds, buboes, etc., intern., diarrheas.—*Dose*: 5—15 grn.—Extern. like iodoform.

**Zinc Acetate Merck.**—Highest Purity, Medicinal.
Sol. in abt. 3 parts water, 40 alcohol.—Astringent, Antiseptic, Nervine.—*Uses*: Chiefly extern., collyrium in ophthalmia, injection in urethritis, and gargle in sore mouth or sore throat.—*Dose*: $\frac{1}{3}$—2 grn.—Extern.: *Eye-Wash*, 1—2:1000; gargle, 5—10:1000; *injection*, 2—5:1000.—*Incompatibles* (zinc salts in general): Acacia; alkalies; arsenates; carbonates; cyanides; lime-water; oxalates; phosphates; sulphates; sulphides; vegetable astringent decoctions and infusions.—*Antidotes* (of all zinc salts): Sodium carbonate; tannin. See also "Poisoning and its Treatment," p. 277.
Zinc Bromide Merck.
Sol. in water, alcohol, ether, ammonia.—Uses: Epilepsy.—
**Dose:** 1—2 grn., well dil.—**Max. D.:** 10 grn. daily.—**Incompatibles:** Acids; alkaloids; salts of antimony, bismuth, copper, lead, mercury, and silver.

Zinc Carbonate Merck.
Uses: Wounds, ulcers, skin diseases, etc.; also face powd.—
**Extern.** pure or in 20% oint. or powd.

Zinc Chloride Merck.
Sol. in abt. ½ part water, 1 alcohol; in ether.—
**Dose:** ½—1 grn.—
**Extern.:** Gonorrhea, 1:1000 solut.; wounds, 1:100—500; eyes, 1:1000, tuberculous joints, 1:10.—**Preparations:** Solut. (50%).

Zinc Iodide Merck.
Sol. in water, alcohol, ether.—
**Dose:** 1—2 grn.

Zinc Oxide Merck.—By Wet Process; Pure, Medicinal.
**Extern.:** in 5—20% oint. or powd.—
**Uses:** Intern., chorea, epilepsy, chronic diarrhea, etc.; extern., wounds, skin diseases, etc.—
**Dose:** 1—5 grn.—**Preparation:** Oint. (20%).

Zinc Permanganate Merck.
Violet-brown, hygroscopic cryst.—
**Sol.** in water (generally with some residue).—
**Antiseptic,** Antigonorhooic.—
**Uses:** 1:4000 solut. in gonorrhea; and 1 or 2:1000 in conjunctivitis.—**Incompatibles:** All easily oxidizable or combustible substances.—**Caution:** Explodes when compounded directly with alcohol, glycerin, sugar, dry or fluid vegetable extracts.

Zinc Phosphide Merck.
**Insol.** in the usual solvents.—
**Uses:** Sexual exhaustion, cerebral affections, melancholia, and chronic skin diseases.—**Dose:** ½—1 grn., in pill.

Zinc Sulphate Merck.—Highest Purity, Medicinal.
**White Vitriol; Zinc Vitriol.**—
**Sol.** in abt. 1 part water, 3 glycerin; insol. in alcohol.—**Dose:** ¼—½ grn.; **emetic**, 10—30 grn.—**Antidotes:** Alkali carbonates; tannic acid. See also "Poisoning and its Treatment," p. 277.—**Incompatibles:** As of Zinc Acetate; also, lead acetate.

Zinc Sulphocarbolate Merck.
Colorl. cryst.—
**Sol.** in abt. 5 parts water, 5 alcohol.—
**Antiseptic,** Astringent.—
**Uses:** Extern., gonorrhea, foul ulcers, etc.; intern., typhoid, fermentative diarrhea, etc.—**Dose:** 2—4 grn.—**Extern.** in ½—1% solut.

Zinc Valerianate Merck.—Light Cryst.
Decomp. on exposure.—
**Sol.** in abt. 40 parts alcohol, 120 water.—
**Uses:** Diabetes insipidus, nervous affections, neuralgia, etc.—
**Dose:** 1—3 grn.—**Max. D.:** 5 grn.

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# Part II—Prescription Formulas

Compiled from the latest editions of standard works on Therapeutics: from the formulae of the leading hospitals of the United States; and from the periodic medical literature of the day.

## Abortion

**Expulsion of the fetus during the early months.**

<table>
<thead>
<tr>
<th>R</th>
<th>Where threatened:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Morphine Sulphate, Mereck 2 grn.</td>
</tr>
<tr>
<td></td>
<td>Choral Hydrate, Mereck... 90 grn.</td>
</tr>
<tr>
<td></td>
<td>Fl. Ext. Cimicifugas ... 1 fl oz.</td>
</tr>
<tr>
<td></td>
<td>Syr. 1 oul to make. 2 4 oz.</td>
</tr>
</tbody>
</table>

Teaspoonful every 2 hours till asleep; every 3 or 4 hours when awake.

<table>
<thead>
<tr>
<th>R</th>
<th>In habitual cases:</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Mercury Tannate, Mereck. 10 grn.</td>
</tr>
<tr>
<td></td>
<td>Powd. Ext. Licorice.... 10 grn.</td>
</tr>
<tr>
<td></td>
<td>Powd. Sugar............ 2 dr.</td>
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</tbody>
</table>

Divide into 30 powders.

One after each meal.

(If nausea or vomiting present.)

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<thead>
<tr>
<th>R</th>
<th>Where accomplished:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Stypticin, Mereck ... 8 grn.</td>
</tr>
<tr>
<td></td>
<td>Cinnamon Water.... 1 fl oz.</td>
</tr>
</tbody>
</table>

Teaspoonful every 1-3 hours.

(To hasten involution and check hemorrhage.)

### Other Remedies Used in Abortion:

- Cascara Sagrada, as laxative; Cotton Root or Ergot, to hasten involution; Gold Chloride, to check tendency; Asafetida, Hyoscyamus, for neurotic cases.

## Abrasion

**Excoration or rubbing off of the skin or mucous membrane.**

<table>
<thead>
<tr>
<th>R</th>
<th>Powders:</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Powd. Boric Acid... 1 oz.</td>
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<tr>
<td></td>
<td>Salicylic Acid, Mereck... 3 grn.</td>
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</tbody>
</table>

Dust on abraded surface after thorough cleansing with soap and water.

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<thead>
<tr>
<th>R</th>
<th>Ointments:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Carbolic Acid, Mereck ... 24 grn.</td>
</tr>
<tr>
<td></td>
<td>Lanum.......... 4 dr.</td>
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<tr>
<td></td>
<td>Petrolatum... 4 dr.</td>
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</tbody>
</table>

Apply to abraded surface.

<table>
<thead>
<tr>
<th>R</th>
<th>Solutions:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Carbolic Acid, Mereck ... 48 grn.</td>
</tr>
<tr>
<td></td>
<td>Glycerin........... 1 fl dr.</td>
</tr>
<tr>
<td></td>
<td>Sweet Oil......... 15 fl dr.</td>
</tr>
</tbody>
</table>

Smear on lint, and apply after abrasion is clean.

<table>
<thead>
<tr>
<th>R</th>
<th>Formaldehyde, Medicinal, Water......... 20 min.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2 pints</td>
</tr>
</tbody>
</table>

Use as wash, applied on lint.

<table>
<thead>
<tr>
<th>R</th>
<th>Lead Acetate... 20 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Water......... 8 fl oz.</td>
</tr>
</tbody>
</table>

Soak lint in this solution, and apply to abrasion wringing wet.

### Other Remedies for Abrasions:

- Flexible Collodion, Compound Tincture Benzoin, Solution Gutta-percha, Mercuric Chloride, and Hydrogen Peroxide.

__This manual is a general compendium of the materia medica. Such articles as may be had of the Merck brand are especially so designated throughout the book. When ordering or prescribing these, please specify: Merck__
**Acidity of Stomach.**

**R** From chronic gastric catarrh:
- Bismuth Subnitratae... 2 dr.
- Tannic Acid "Super.
  - Resorcir Merck... 30 grn.
- Divide into 12 powders.
  One after each meal. 
  Overcome constipation with saline cathartics.

**R** From fermentation:
- Salicylic Acid Merck... 10 grn.
- Brandy... 1 fl. oz.
- Glycerin... 2 fl. dr.
  Teaspoonful in wineglassful of 
  water, before meals.

**R** From fermentation:
- Salicylic Acid Merck... 10 grn.
- Brandy... 1 fl. oz.
- Glycerin... 2 fl. dr.
  Teaspoonful in water an hour before eating.

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**Abscess.**—A cavity filled with pus in some part of the body.

**R** To abort:
- Tinct. Veratrum Viride... 15 min.
- Syr. Tolu... 2 fl. oz.
  Teaspoonful every 2 or 3 hours till
  pulse slows, then 3 times daily.

**R** Ichthyol Merck... 4 fl. dr.
- Menthol Merck... 15 grn.
- Ext. Belladonna... 24 grn.
- Lanum... 4 dr.
  Apply freely.

**R** Guaiacol Merck... 2 fl. dr.
- Expr. Oil Almond... 3 fl. dr.
  Apply freely.

**R** To control:
- Tinct. Belladonna... 2 fl. dr.
- Wine Cod-liver Oil from
  Gadului... to make 8 fl. oz.
  Tablespoonful 3 times daily.
  (In acerofuloses cases.)

**R** Carboic Acid Merck... 15 grn.
- Cocaine Hydrochlor-
  ate Merck... 2 grn.
- Glycerin... 75 min.
  Inject 5 minims into inflamed
  tissues in early stage.

**R** Iodoformogen... 2 dr.
- Powd. Boric Acid... 1 dr.
  Evacuate pus, wash out cavity thor-
  oughly, and dust powder into 
  and on wound.

**R** After incising:
- Formaldehyde Medicinal... 1 fl. dr.
  Water... 5 fl. oz.
  Evacuate the pus and inject through
  the incision; then apply freely on
  absorbent cotton or lint.

**R** Iodoformogen... 2 dr.
- Powd. Boric Acid... 1 dr.
  Evacuate pus, wash out cavity thor-
  oughly, and dust powder into 
  and on wound.

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- Brandy... 1 fl. oz.
- Glycerin... 2 fl. dr.
  Teaspoonful in water an hour before eating.

**Other Remedies for Abscess:**
- Boric Acid, Tannic Acid, Iodoform, Iodele, and Oakum, as dry dressings;
- Creolin, Hydrogen Peroxide, Lead Water, Tincture Arnica, Chlorine Water,
  as washes; Cresote, Cod-liver Oil, Iron, Iodine, Iodipin, Gold and Sodium
  Chloride, Sulphides, Iodides, Quinine, and Morphine, internally.

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  Overcome constipation with saline cathartics.

**R** From fermentation:
- Salicylic Acid Merck... 10 grn.
- Brandy... 1 fl. oz.
- Glycerin... 2 fl. dr.
  Teaspoonful in water an hour before eating.
Acne (Simple).—Inflammation of the sebaceous glands of the skin, causing pimples, particularly on the face.

**External treatment:**
- Zinc Oxide Merck...... 3 dr.
- Carbolic Acid Merck...... 40 grn.
- Glycerin.
- Rose Water...... 1 fl. oz.

Wash face thoroughly in soap suds, and apply freely. Shake.

Apply at night, and wash off in morning with warm water and soap.

**During the day use:**
- Mercury Bichloride...... 1 grn.
- Rose Water...... 1 fl. oz.
- Distilled Water...... 2 fl. oz.

Apply 3 times daily, after washing with soap and water.

**Internal treatment:**
- Fowler's Solution...... 1 fl. oz.
- Comp. Tinct. Cardamom...... 1 fl. oz.
- Syr. Wintergreen to make 2 fl. oz.

Teaspoonful immediately after each meal.

**Acne Rosacea.**—Red patches on the face, studded with tubercles, sometimes suppuring, resembling the pimples of simple acne but deeper seated and not connected with the sebaceous glands. It occurs about middle life.

**External treatment:**
- Ichthyol Merck...... 30 min.
- Precipitated Sulphur...... 30 grn.
- Zinc Oxide Merck...... 1 1/2 dr.
- Corn Starch...... 1 1/2 dr.
- Lanum...... to make 1 oz.

Rub in night and morning.

**Internal treatment:**
- Ichthalbin...... 4 dr.
- Cassia Oil Sugar...... 40 grn.

Divide into 12 powders.
One after each meal.

**Other Remedies for Acne:**
- Chrysarobin, Europhen, Sulphur Iodide, Mercury Nitrate, Corrosive Sublimate, Peromiscic Acid, Roscorba, Thymol, and Carbolic Acid, as astringents; Borax, Boric Acid, Sodium Bicarbonate, Potassium Chlorate, and Hydastatic Hydrochlorate, as stimulating lotions; Levico Water, Strontium Iodide. Phosphorus, Phosphates, Mercurials, Cod-liver Oil, Sulphated Lime, Sulphur, and Potassium Iodide, as alteratives.

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**Actinomycosis.**—An inflammatory and pus-forming disease of the jaws, intestines, lungs and other parts of the body, with symptoms resembling those of tuberculosis, but due to the growth of the “ray fungus.”

<table>
<thead>
<tr>
<th>R</th>
<th>Potass, Iodide</th>
<th>4 dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cinnamon Water to make</td>
<td>4 fl. oz.</td>
</tr>
<tr>
<td>One teaspoonful, gradually increased to 8 teaspoonfuls, 4 times daily, in milk or coffee.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Addison’s Disease.**—Tuberculosis of the suprarenal capsules with progressive anemia, severe prostration and bronzing of the skin.

<table>
<thead>
<tr>
<th>R</th>
<th>Dried Suprarenal Capsule</th>
<th>2 dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Merck</td>
<td></td>
</tr>
</tbody>
</table>

Dispense in 24 capsules. One or two 3 times daily.

<table>
<thead>
<tr>
<th>R</th>
<th>Euquinine</th>
<th>15 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hemogallol</td>
<td>1 dr.</td>
</tr>
<tr>
<td></td>
<td>Peppermint Oil Sugar</td>
<td>30 grn.</td>
</tr>
</tbody>
</table>

Divide into 12 powders. One before each meal. After meals take Mild Levico Water in tablespoonful doses, gradually increased to 3 tablespoonfuls, and finally begin on Strong Levico Water. (For anemia.)

**Other Remedies for Actinomycosis:**
Ichthalbin, Tuberculins, Iodine, or Sodium Salicylate, administered by injection into seat of inflammation, by local application, or per os.

<table>
<thead>
<tr>
<th>R</th>
<th>Iodthyl Merck</th>
<th>4 fl. dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Syrup</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td></td>
<td>Peppermint Water</td>
<td>1 fl. oz.</td>
</tr>
</tbody>
</table>

Half teaspoonful, gradually increased to 2 teaspoonfuls, 4 times daily.

**Addenitis.**—Inflammation of a gland. (See also Bubo, Tonsillitis, Mumps, Goiter, and Leucocytemia.)

<table>
<thead>
<tr>
<th>R</th>
<th>Iodthyl Merck</th>
<th>2 fl. dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lead Iodide</td>
<td>1 dr.</td>
</tr>
<tr>
<td></td>
<td>Lanum</td>
<td>4 grn.</td>
</tr>
<tr>
<td></td>
<td>Benzoinated Lard</td>
<td>4 grn.</td>
</tr>
</tbody>
</table>

Rub small piece into swelling thrice daily.

<table>
<thead>
<tr>
<th>R</th>
<th>Iodine Ointment</th>
<th>4 dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lanum</td>
<td>4 grn.</td>
</tr>
</tbody>
</table>

Apply freely night and morning.

| R | Wine Cod-liver from Gaduol | 6 fl. oz. |

Tablespoonful 2 hours after meals.

**Adynamia.**—Deficiency or loss of vital power.

<table>
<thead>
<tr>
<th>R</th>
<th>Quinine Sulphate</th>
<th>1 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Strochnine Sulphate</td>
<td>2 grn.</td>
</tr>
<tr>
<td></td>
<td>Tinct. Iron Chloride</td>
<td>2 fl. oz.</td>
</tr>
<tr>
<td></td>
<td>Dil. Phosphoric Acid</td>
<td>1 fl. oz.</td>
</tr>
<tr>
<td></td>
<td>Syr. Lemon</td>
<td>1 fl. oz.</td>
</tr>
</tbody>
</table>

Teaspoonful in water thrice daily.

<table>
<thead>
<tr>
<th>R</th>
<th>Euquinine</th>
<th>1 dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Arsen-hemol</td>
<td>1½ grn.</td>
</tr>
<tr>
<td></td>
<td>Strochnine Sulphate</td>
<td>1½ grn.</td>
</tr>
<tr>
<td></td>
<td>Phosphorus</td>
<td>1 grn.</td>
</tr>
</tbody>
</table>

Make into 60 pills. One after meals.

---

**Other Remedies for Addison’s Disease:**
Whisky, Brandy, Wine, Nux Vomica, Strychnine, Cod-liver Oil, Dry Extract Malt, Hypophosphites, Cerium Oxalate, and Opium.

**Adynamia.**—Deficiency or loss of vital power.

<table>
<thead>
<tr>
<th>R</th>
<th>Quinine Sulphate</th>
<th>2 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Strochnine Sulphate</td>
<td>2 grn.</td>
</tr>
<tr>
<td></td>
<td>Tinct. Iron Chloride</td>
<td>2 fl. oz.</td>
</tr>
<tr>
<td></td>
<td>Dil. Phosphoric Acid</td>
<td>1 fl. oz.</td>
</tr>
<tr>
<td></td>
<td>Syr. Lemon</td>
<td>1 fl. oz.</td>
</tr>
</tbody>
</table>

Teaspoonful in water thrice daily.

<table>
<thead>
<tr>
<th>R</th>
<th>Euquinine</th>
<th>1 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Arsen-hemol</td>
<td>1½ grn.</td>
</tr>
<tr>
<td></td>
<td>Strochnine Sulphate</td>
<td>1½ grn.</td>
</tr>
<tr>
<td></td>
<td>Phosphorus</td>
<td>1 grn.</td>
</tr>
</tbody>
</table>

Make into 60 pills. One after meals.

---

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**PART II.**
FORMULAS.

After-pains.—The pains that follow delivery.

R  From blood-clots:
    Stryptocin Merck ............ 15 grn.
    Ergotin (Bonjean) Merck ... 30 grn.
    Simple Elixir .............. 2 fl. oz.
Teaspoonful, to be repeated every 2 hours if necessary.

R  Quinine Hydrobromate
     Merck ................... 80 grn.
     Dl. Hydrobromic Acid .... 1 fl. dr.
     Simple Elixir ............ to make 2 fl. oz.
Two teaspoonfuls in water. Repeat every 3 hours in half the amount if needed.

OTHER REMEDIES USED FOR AFTER-PAINS:
Chloroform Liniment, Belladonna Ointment, Camphor, Pilocarpine, Viburnum, Cimicifuga, Hydrastine, Ergot, Gelsemium, Opium, Acetanilid, and Phenacetin.

Agalactia.—Deficiency or absence of milk.

R  Pilocarpine Hydrochlorate
     Merck ................... 1 grn.
    Strychnine Sulphate ........ 1/4 grn.
    Ext. Vanilla ............... 1 fl. dr.
    Simple Elixir ............. to make 2 fl. oz.
Teaspoonful in water every 4 hours.

OTHER REMEDIES FOR AGALACTIA:
Ilusion Castor-Oil Leaves, Dry Extract Malt, Gaduol, Hypophosphites, Porter, Beer, and Cod-Liver Oil.

Ague.—See INTERMITTENT FEVER.

Albuminuria.—Albumin in the urine. See NEPHRITIS.

Alcoholism.—The diseased condition established by the inordinate use of alcoholic beverages.

R  Debility:
    Strychnine Nitrate Merck ... 1 grn.
    Calcium Glycerinophosphate Merck ... 1 dr.
    Comp. Tinct. Gentian ....... 4 fl. oz.
Teaspoonful in water before meals.

R  Delirium and insomnia:
    Chloral Hydrate Merck ...... 1 dr.
    Sodium Bromide ............ 3 dr.
    Arom. Syr. Rhubarb ........ 1 fl. oz.
    Syr. Tolu ................. to make 4 fl. oz.
Tablespoonful every 3 hours till quiet or asleep. If there is heart trouble, omit chloral.

R  Delirium and insomnia:
    Paraldehyde Merck .......... 4 fl. dr.
    Expr. Oil Almond ........... 4 fl. dr.
    Essence Cinnamon .......... 4 drops
Two teaspoonfuls every 3 hours.

R  Potassium Bromide ........ 2 dr.
    Chloral Hydrate Merck ...... 1 dr.
    Tinct. Digitalls ............ 2 fl. dr.
    Tinct. Capsicium .......... 2 fl. dr.
    Tinct. Ginger .............. 2 fl. dr.
    Syr. Orange ................ 2 fl. dr.
    Water ...................... to make 2 fl. oz.
Teaspoonful in water.

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### Alcoholism—Continued.

**Delirium and insomnia:**
- **Chloral Hydrate Merck:** 6 dr.
- **Fl. Ext. Conium:** 3 fl. dr.
- **Fl. Ext. Hyoscyamus:** 4 fl. dr.
- **Mucilage Acacia:** 2 fl. dr.
- **Spearmint Water to make 2 fl. oz.**

Teaspoonful in water, after meals.

**Potassium Bromide:** 4 dr.
**Chloral Hydrate Merck:** 2 dr.
**Magendie’s Solution:** 40 min.
**Syr. Orange, Water:** 6 fl. oz.

Teaspoonful per dose, as required.

### Sobering remedy:
- **Arom. Spt. Ammonia:** 1 fl. oz.
- **Camphor Water, to make 2 fl. oz.**

Teaspoonful in water every half hour.

### Drink craving (Dipsomania):
- **Cocaine Hydrochlorate Merck:** 3 grn.
- **Tinct. Capsicum:** 2 fl. dr.
- **Fl. Ext. Lupulin:** 2 fl. dr.
- **Elixir Calisaya:** to make 3 fl. oz.

Teaspoonful in water every 2 or 3 hours.

**Euquinine:** 80 grn.
**Zinc Oxide Merck:** 50 grn.
**Strychnine Sulphate:** 1 grn.
**Arsenious Acid Merck:** 1/2 grn.
**Powd. Capsicum:** 50 grn.

Make into 50 pills.

Two 3 times daily.

### Other Remedies for Alcoholism:
- **Clanicifuga, Opium, in gastric troubles; Bromides, Dormiol, Gelsemium, Sulphonal, Morphine, for delirium and insomnia; Iochthalin, Hydrastine, and Ammonium Acetate, as kidney stimulants.**

### Alopecia—Fall out of the hair from disease.

**Simple:**
- **Pilocarpine Hydrochlorate Merck:** 30 grn.
- **Quinine Hydrochlorate Merck:** 1 dr.
- **Lanum Petrolatum:** 1 oz.

Apply freely at bed-time, after thoroughly shampooing head.

**Gallic Acid Merck:** 1 dr.
**Cologne Water:** 2 fl. dr.
**Tinct. Cantharides:** 1 fl. dr.
**Vaselin:**

Rub well into scalp at night.

### Dipsomania:
- **Gold and Sodium Chloride:** 1 grn.
- **Simple Elixir:** 3 fl. oz.

Teaspoonful in water 3 or 4 times daily.

### Gastric irritation:
- **Creosote (Beechwood) Merck:** 6 drops
- **Bismuth Subnitrate:** 1 dr.
- **Peppermint Water:** 2 fl. oz.

Teaspoonful every hour. Shake well.

### Rum stomach:
- **Comp. Tinct. Gentian:** 2 fl. oz.
- **Comp. Tinct. Calumba:** 2 fl. oz.
- **Tinct. Nux Vomica:** 80 min.

Dessertspoonful before each meal.

**Levico Water, Mild:** 2 bottles

Tablespoonful after breakfast.

**Cocaine Hydrochlorate Merck:** 2 grn.
**Muclage Acacia:** 1 fl. oz.
**Bismuth Subcarbonate:** 1 dr.
**Syr. Tolu:** to make 2 fl. oz.

Teaspoonful every 2 hours till stomach is settled. Shake well before using.

### Areaea:
- **Mercury Bichloride:** 20 grn.
- **Glycerine:** 4 fl. dr.
- **Essence Heliotrope:** 2 fl. oz.
- **Diluted Alcohol:** to make 1 pint.

Apply on bald spots morning and night. Label “Poison.”

### Scalp-wash. “Poison.”
- **Mercury Bichloride:** 12 grn.
- **Resorcin Merck:** 5 dr.
- **Boric Acid:** 5 dr.
- **Glycerine:** 4 fl. oz.
- **Alcohol:** to make 8 fl. oz.

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Part II.

Alopecia.—Continued.

Pityroides:
Saliclylic Acid Merck...... 1 dr.
Bor. Acid.................... 40 grn.
Lanum........................ 1 oz.
Petratum ..................... 1 oz.

Apply freely at night, after thoroughly shampooing scalp.

OTHER REMEDIES FOR ALOPECIA:
Green Soap, Nutgall, Tannic Acid, Naphtol, Eucalyptus, Ammonia, Nitric Acid, Hydrochloric Acid. Table Salt, in simple alopecia; Carboilic Acid, Europben, or Thymol. In alopecia areata; Sulphur, Sulphur Iodide, Ichthyol, Sodium Bicarbonate, Borax, in alopecia pityroides.

Amblyopia.—Impairment of the vision from poisoning of the nerve centers.

From anemia:
Levico Water, Mild...... 3 bottles.
Tablespoonful in water 3 times daily, after meals; gradually increase to 3 tablespoonfuls per dose.

From auto-intoxication:
Calomel................. 9 grn.
Sodium Bicarbonate...... 30 grn.
Powd. Sugar.............. 15 grn.
Divide into 3 powders. Take one at once; follow in 5 hours with Rochelle salt.

From debility:
Strychnine Sulphate...... 1/4 grn.
Comp. Tinct. Cardamom... 1 fl. oz.
Spt. Camphor............. 2 fl. dr.
Simple Elixir............. to make 2 fl. oz.
Tablespoonful every 2 hours.
(In cases due to extreme weakness.)

OTHER REMEDIES USED IN AMBLYOPIA:
Amyl Nitrite, Electricity, Nitroglycerin, Santonin, in loss of power of optic nerves; Stypcticin, Ergot, Savine, Hydrastis, in menstrual disorders; Phenaacetin, Salol, Oil Wintergreen, Acanthilid, Colchicum, in rheumatic conditions.

Amenorrhoea.—Absence or arrest of the menstrual discharge.

Simple aetonic:
Tinct. Iron Chloride...... 3 fl. dr.
Tinct. Cantharides...... 1 fl. dr.
Tinct. Aloes............. 4 fl. dr.
Syrup...................... to make 6 fl. oz.
Tablespoonful 3 times a day.

Other Remedies:
With anemia and scanty urine:
Iron Citrate.............. 40 grn.
Potass. Citrate........... 4 dr.
Tinct. Digitalis........... 2 fl. dr.
Syr. Citric Acid... to make 2 fl. oz.
Tablespoonful 3 times daily. Use also Levico Water, in tablespoonful doses.

With cold:
Camph. Tinct. Opium...... 4 fl. dr.
Quinine Bisulphate...... 20 grn.
Arom. Syr. Rhubarb...... to make 4 fl. oz.
Tablespoonful 3 times daily.

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105
FORMULAS.

PART II.

Amenorrhea.—Continued.

R. From cold:

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eupatorium</td>
<td>100 grn.</td>
</tr>
<tr>
<td>Nux Vomica</td>
<td>50 grn.</td>
</tr>
<tr>
<td>Oil Salicylic</td>
<td>20 min.</td>
</tr>
<tr>
<td>Socotrine Aloes</td>
<td>5 grn.</td>
</tr>
<tr>
<td>Cantharides</td>
<td>2 grn.</td>
</tr>
</tbody>
</table>

Make into 48 pills.
One 3 times daily.

OTHER REMEDIES USED IN AMENORRHEA:

Apoll, Arsenic, Asafetida, Colocynth, Gold Salts, Nux Vomica, in anemic cases; Oxalic Acid, Aconite, Alcohol, Cimicifuga, Pulsatilla, Eupatorium, Senega, in sudden stoppage from colds; Ergot, Tansy, Croton Oil, Potassium Iodide, Rue, Cotton Root, Pennyroyal, in plethoric subjects with torpor; Salines, Diuretics, in constipation and suppressed or scanty urine.

Amygdalitis.—Inflammation of the tonsils. See TONSILLITIS.

Anemia.—Deficiency of blood or of the important constituents of the blood.

R. [Edematous:]

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hemogalol</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Powdered Sugar</td>
<td>10 grn.</td>
</tr>
</tbody>
</table>

Make 12 powders.
One, half an hour before each meal.

R. Convalescent:

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iron Glycerophosphate</td>
<td>100 grn.</td>
</tr>
<tr>
<td>Strychnine Sulphate</td>
<td>10 grn.</td>
</tr>
<tr>
<td>Simple Elixir</td>
<td>2 fl. oz.</td>
</tr>
</tbody>
</table>

Teaspoonful 3 times daily, after meals.

R. Malartic:

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iron and Quinine Citrate, Soluble</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Capsicum</td>
<td>2 grn.</td>
</tr>
<tr>
<td>Ext. Taraxacum to make 12 pills</td>
<td></td>
</tr>
</tbody>
</table>

One pill after each meal.

R. Arsenous Acid Merck ...

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arsenic</td>
<td>10 grn.</td>
</tr>
<tr>
<td>Dried Iron Sulphate</td>
<td>40 grn.</td>
</tr>
<tr>
<td>Strychnine Sulphate</td>
<td>2 grn.</td>
</tr>
</tbody>
</table>

Make into 20 pills.
One 3 times daily.

R. Syphilitic:

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donovan’s Solution</td>
<td>20 min.</td>
</tr>
<tr>
<td>Orange-flower Water</td>
<td>20 min.</td>
</tr>
</tbody>
</table>

Teaspoonful in water after meals.

OTHER REMEDIES USED IN ANEMIA:

Mineral Acids, Bitters, Nux Vomica, Oxygen, Quinine, as tonics; Bone Marrow, Bullock’s Blood, Gadouel, Hemoglobulin, Hypophosphites, as nutrient tonics; Wine, Pepsin, Pancreatin, as aids to digestion; Ichthalbin, Phosphorus, Gold Salts, Mercuric Chlorides, as alteratives and antiseptics; Aloes, minute doses of Calomel, as slightly tonic cathartics.

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PART II.

FORMULAS.

**Aneurism.**—A dilated or ruptured artery forming a pulsating blood tumor.

*To lower blood-tension:*

- Potassium Iodide .......... 8 dr.
- Syrup ...................... 4 fl. dr.
- Water ...................... to make 2 fl. oz.

Teaspoonful in milk every 8 hours, gradually increased, so long as the pulse does not increase, to 3 teaspoonfuls. The diet should be cut to as near half usual amount as endurable, and amount of drink of all kinds materially reduced. Absolute rest should be enjoined. If pulse rises, reduce dose immediately.

*To relieve pain:*

- Morphine Sulph. Merck ...... 1 grn.
- Chloidal Hydrate Merck ...... 25 grn.
- Syrup Tolu ................. 1 fl. oz.

Teaspoonful in water, at bedtime.

**Other Remedies Used in Aneurism:**

Iron salts, Zinc Chloride, by injection, to favor coagulation; Aconite, Strontium Iodide, to lower blood-tension; Chloroform inhalations to relieve spasm.

**Angina.**—A symptom of suffocation or soreness of the throat attending many diseases. For special anginas, see GROUP, DIPHTHERIA, LARYNGITIS, PHARYNGITIS, SCARLATINA, SYphilis and TONSILLITIS.

**Angina Pectoris.**—Spasmodic disturbance of the heart’s function, with excruciating chest pain, suffocation, syncope, and a feeling of impending death.

*To relieve attack:*

- Amyl Nitrite Pearls......... No. 20

One or two pearls to be broken in handkerchief and inhaled. Then prescribe:

- Spt. Glonoin (1 per cent.) 8 min.
- Brandy ...................... 80 min.
- Water ...................... to make 4 fl. dr.

Inject 1 fl. dr. hypodermically. If this does not relieve pain, arterial spasm is excluded; use following:

- Morphine Sulphate Merck .... 15 grn.
- Atropine Sulphate Merck .... ½ grn.
- Water ...................... 1 fl. oz.

Inject 15 min. hypodermically.

*Between the attacks:*

- Tablets Erythrol Tetranitrate Merck, ½ grn. .... No. 24.

One 3 times a day.

*To favor coagulation:*

- Calcium Chloride Cryst. ..... 3 dr.
- Merck ...................... 2 fl. oz.

Teaspoonful 3 times daily, in water.

*To relieve pain:*

- Gallic Acid Merck ...... 1 dr.
- Digitalis ................ 20 grn.
- Ergotin (Bonjean) Merck .... 30 grn.

Make into 20 pills.

One every 2 hours.

*With feeble heart:*

- Spt. Glonoin (1 per cent.) 16 min.
- Digitalin “German” .... 1 grn.
- Brandy ...................... 2 fl. oz.

Teaspoonful in water every 8 or 4 hours.

*Complicated with matura:*

- Eucaine .................. 1 dr.
- Strychnine Sulphate .... ½ grn.
- Ext. Taraxacum ........... 50 grn.

Make into 15 pills.

One 3 times daily, after meals, with tablespoonful of Mild Levico Water, well diluted.

**Other Remedies Used in Angina Pectoris:**

Antipyrine, Chloral, Chloroform, Cocaine, Ether, to ease pain; Oxygen, to satisfy air-hunger; Aconite, Cactus Grandiflorus, Convallaria, Conine, Pyridine, to reduce arterial tension; Nitrites of Sodium and Potassium, to ward off attacks; Turpentine Oil locally, as a counter-irritant.

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FORMULAS.

Anorexia.—Want of appetite.

R 
Idiopathic or secondary:  
Orexoids ................................ No. 50
Two twice daily, half hour before chief meals, washed down with half-tumblerful water.

R 
Tinct. Nux Vomica ............. 4 fl. dr.
Tinct. Gentian ................. 1 fl. oz.
Comp. Tinct. Cinchona ....... 12 fl. dr.
Teaspoonful in wineglassful water, before meals.

R 
Associated with malaria:  
Quinine Hydrochlorate 
Merck .................................. 16 grn.
Tinct. Capsicum .................. 8 min.
Dil. Hydrochloric Acid ........ 40 min.
Cinnamon Water to make 1 fl. oz.
Teaspoonful after each meal.

R 
Ext. Nux Vomica ............. 4 grn.
Euquinine ....................... 20 grn.
Orexine Tannate ............... 20 grn.
Make into 20 pills.
One 3 times daily, before meals.

OTHER REMEDIES USED IN ANOREXIA:

Berberine Carbonate, Chimaphila, Cinchonine, Cinchonidine, Eupatorium, Quassia, as bitter tonics; Nitro-hydrochloric Acid.

PART II.

Anthrax.—Carbuncle; Charbon; Spirillum Fever; Splenic Fever; Wool-sorifer's Disease. An acute disease caused by the bacillus anthrax and accompanied by pustules or boils.

R 
Abortive treatment:
Ichthyol Merck ............. 1 fl. oz.
Water ...................... 1 fl. oz.
Inject into pustule, and apply freely externally, preferably after excision.

R 
Red Mercury Oxide 
Merk ......................... 1 dr.
Carnolic Acid Merck ........ 10 grn.
Camphor ................... 15 grn.
Menthol Merck .............. 20 grn.
Morphone Sulphate Merck ... 5 grn.
Cocaine Hydrochlorate 
Merk .................. 5 grn.
Lanum .......................... 4 dr.
Petrolatum .............. to make 1 oz.
Triturate carbolic acid, camphor, and menthol until liquefied; add morphone and cocaine, and lastly mercury oxide.
Apply constantly and freely.

R 
Formaldehyde Medicinal 1 fl. dr.
Water ...................... 8 fl. oz.
Excise pustule, and apply solution freely; or inject cocaine solution, followed by the above.

OTHER REMEDIES USED IN ANTHRAX:

Bromine Water, Hydrogen Peroxide, Iodine, Iodole, Potassium Permanganate, Pyoktanin, Turpentine Oil, Boric Acid, as antiseptic applications or as injections into pustule: Cathartics, to cleanse intestines; Opium, Belladonna, Chioral, to lessen pain; Ammonium Acetate, Ammonium Carbonate, Quinine, Phosphorus, internally.

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PART II.

**Aphonia.**—Loss of voice.

**FORMULAS.**

**R.**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Phosphate “Superior, Merck”</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Carbohlic Acid Merck</td>
<td>10 grn.</td>
</tr>
<tr>
<td>Glycerin</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Water</td>
<td>to make 3 fl. oz.</td>
</tr>
</tbody>
</table>

Use as gargle, every 1 or 2 hours.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Chlorate</td>
<td>30 grn.</td>
</tr>
<tr>
<td>Carbohlic Acid Merck</td>
<td>20 grn.</td>
</tr>
<tr>
<td>Glycerin</td>
<td>1 fl. oz.</td>
</tr>
<tr>
<td>Water</td>
<td>to make 4 fl. oz.</td>
</tr>
</tbody>
</table>

Use as gargle or spray 4 or 5 times daily.

**R.**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dil. Nitric Acid</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Tinct. Calumba</td>
<td>1 fl. oz.</td>
</tr>
<tr>
<td>Water</td>
<td>to make 4 fl. oz.</td>
</tr>
</tbody>
</table>

Dessertspoonful in water, 3 times daily.

**R.**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Euquiline</td>
<td>30 grn.</td>
</tr>
<tr>
<td>Atropine Sulphate Merck</td>
<td>5 grn.</td>
</tr>
<tr>
<td>Ext. Aconite</td>
<td>5 grn.</td>
</tr>
</tbody>
</table>

Mix with great thoroughness, mass with glycerite of starch or syrup, and dispense in 6 capsules. One morning and night.

**OTHER REMEDIES USED IN APHONIA:**

Sulphurous Acid, Glycerite Tannin, Zinc Sulphate, as local astringents, of the larynx; Chloroform, Ether, in hysterical cases.

**Aphthae.**—Stomatitis.—Ulcers in the mouth that begin as minute vesicles. (See also **LEUCOPLACIA BUCCALIS**.)

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Chlorate</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Tinct. Myrrh</td>
<td>30 min.</td>
</tr>
<tr>
<td>Elixir Calisaya</td>
<td>3 fl. oz.</td>
</tr>
</tbody>
</table>

Teaspoonful in water every 4 hours.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creolin-Pearson</td>
<td>30 min.</td>
</tr>
<tr>
<td>Water</td>
<td>to make 4 fl. oz.</td>
</tr>
</tbody>
</table>

Swab mouth thoroughly with absorbent cotton soaked in this solution. Repeat every 3 hours.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formaldehyde Medicinal</td>
<td>15 min.</td>
</tr>
<tr>
<td>Camphor Water</td>
<td>6 fl. oz.</td>
</tr>
</tbody>
</table>

Use as mouth-wash and swab spots with absorbent cotton soaked in this solution.

**OTHER REMEDIES FOR APHTHA:**

Mineral Acids, Borax and Honey, Carbohlic Acid, Sulphurous Acid, Dried Alum, Silver Nitrate, Chlorine, Water, Copper Sulphate, Pyoktanin, as local applications; Quinine, Euquiline, Rhubarb, Mercury with Chalk, internally.

**Apoplexy.**—Sudden hemorrhage into an organ such as the brain, kidneys, liver, eye, spinal cord, etc.

**Apoplexy, Cerebral.**—Hemorrhage into the brain, with sudden checking of sensation and movement.

**R. To purge rapidly:**

Croton Oil                                      | 2 drops.|

Expr. Oil Almond                               | 30 min.|

To be taken at once. Place on tongue.

**R. To purge rapidly:**

Elaterium Merck                                | 2 grn.|

Oil Theobroma                                  | 30 grn.|

Make into 2 suppositories. One at earliest possible moment after attack, if no other cathartic used.

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PABT}

To

From

2mln.

OTHERS

l

For

Strychnine

From

6

To

4

4grn.

For

to

Mercurials,

lOmln.

BOOK.

MAYBE

hours,

Cactus

One

Teaspoonful

respiration

Break

Cold

Inject

Instil

R

Ext. Suprarenal Capsule
(Aqueous) Merck ...... 15 grn.

Inject Intravenously 90 min. of 1 per cent. sterilized solution.

OTHER REMEDIES USED IN ASPHYXIA:

Cold and hot douches alternately, Electricity, as circulatory stimulants; Oxygen, for rapidly aerating the blood.

Asthenopia.—Weakness of sight due to some condition of the ciliary or ocular muscles, or to disease of the central nervous system or of the retina.

R

Eserine Hydrochlor. Merck 1/4 grn.

Distilled Water .......... 1 fl oz.

Instil few drops to stimulate the ciliary muscle.

(In senile asthenopia, diphtheritic paralysis, and muscular insufficiency.)

OTHER REMEDIES USED IN ASTHENOPIA:

Hydrocyanic Acid, in Irritable ophthalmia; Strychnine internally as tonic.

OTHERS

l

Asphyxia.—Suspension of all signs of life due to arrest of respiration.

R

From Chloroform:

Amyl Nitrite Pearls.......... No. 10

Break one in handkerchief, and let patient inhale it while artificial respiration is being carried on.

R

Ext. Suprarenal Capsule
(Aqueous) Merck ...... 15 grn.

OTHER REMEDIES USED IN CEREBRAL APoplexy:

Cactus Grandiflorus, Nitroglycerin, Veratrum Viride, to lower arterial tension; Mercurials, Podophyllin, as cathartics.

Appetite, Impaired.—See Anorexia.

Arthritis.—Inflammation of the joint tissues, due to GOUT, RHEUMATISM, SYPHILIS, GONORRHEA, or TUBERCULOSIS, which see for formulas.

Ascites.—A kind of intestinal worm. See Worms.

Ascaris.—Dropsy of the peritoneum. See Dropsy.

ASPHYXIA:

OTHER REMEDIES USED IN ASPHYXIA:

Cold and hot douches alternately, Electricity, as circulatory stimulants; Oxygen, for rapidly aerating the blood.

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Hydrocyanic Acid, in Irritable ophthalmia; Strychnine internally as tonic.

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**Asthma.**—A chronic pathological condition characterized by paroxysmal shortness of breath, wheezing, and constriction in the chest. (See also **EMPHYSEMA**.)

### FORMULAS.

**For bronchial asthma:**
- Morphine Phosphate Merck 3 grn.
- Atropine Sulphate Merck 3 grn.
- Distilled Water............. 6 fl. dr.

Inject 15 to 30 minims hypodermically, and administer internally:

- Tinct. Lobella............. 1 fl. dr.
- Spt. Glonoin (1 per cent.) 15 min.
- Sodium Bromide............. 5 dr.
- Wine Ipecac............. 5 fl. dr.
- Ext. Hyoscyamus............. 8 grn.
- Simple Elixir............. to make 4 fl. oz.

Teaspoonful every 1 or 2 hours, in water.

**For cardiac asthma:**
- Comp. Spt. Ether............. 3 fl. dr.
- Spt. Glonoin (1 per cent.) 20 min.
- Strycnline Sulphate............. 1/2 grn.
- Tinct. Digitalis............. 2 fl. dr.
- Comp. Tinct. Cardamom............. to make 3 fl. oz.

Teaspoonful in water 2 or 3 times daily.

**For hay asthma:**
- Ext. Hyoscyamus............. 12 grn.
- Potassium Iodide............. 1 dr.
- Potassium Bicarb. Merck............. 2 dr.
- Ext. Licorice............. 4 dr.
- Anise Water............. to make 5 fl. oz.

Dessertspoonful every 4 hours till relieved.

**For severe dyspnea:**
- Powd. Boric Acid............. 3 grn.
- Menthol Merck............. 5 grn.
- Powd. Camphor............. 15 grn.
- Naphthalin Medicinal,............. 40 grn.

Insufflate 3 or 4 times a day.

**For dyspeptic asthma:**
- Orezoids............. No. 24.

One an hour before each meal, for patients liable to attack. Give strong coffee during attack.

**For nervous asthma:**
- Tablets Erythrol Tetranitrate Merck,............. 1/2 grn.
- One or two tablets during an attack.
  Repeat in 2 or 3 hours if necessary.

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This manual is a general compendium of the materia medica. Such articles as may be had of the MERCK brand are especially so designated throughout the book. When ordering or prescribing these, please specify: MERCK!
FORMULAS.

Asthma.—Continued.

R For nervous asthma:

<table>
<thead>
<tr>
<th>Hydrocyanic Acid</th>
<th>4 fl. oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol, Hyoscymus</td>
<td>4 fl. oz.</td>
</tr>
<tr>
<td>Quassia, Aspidospernine</td>
<td>4 drops</td>
</tr>
</tbody>
</table>

R For emphysematous asthma:

<table>
<thead>
<tr>
<th>Tinct.</th>
<th>4 fl. dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urea</td>
<td>2 fl. oz.</td>
</tr>
</tbody>
</table>

OTHER REMEDIES USED FOR ASTHMA:

Hydrocianic Acid, Aconite, Alcohol, Allyl Tribromide, Alum, Ammoniac, Asafetida, Amyl Nitrite, Chloroform, Bromides, Caffeine, Choral, Cocaine, Eucalyptus, or Pyridine, in nervous asthma; Alkalies, Anemom, Antimony, Apomorphine, Aspidospernine, Creosote, Ipecac, Sanguinaria, or Strontium Iodide, in bronchial asthma.

Ataxia.—Imperfect muscular co-ordination. See Locomotor Ataxia.

Atheroma.—Fatty degeneration of artery walls; believed to be the chief cause of aneurism and of cerebral softening in old people.

R

<table>
<thead>
<tr>
<th>Calcium Glycerinophosphate</th>
<th>50 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Iodide</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Simple Elixir</td>
<td>2 fl. oz.</td>
</tr>
</tbody>
</table>

Teaspoonful every 4 hours.

OTHER REMEDIES USED IN ATEROMA:

Levico Water, Ammonium Bromide, Barium Chloride, Quinine, or Digitalis, in general capillary cases.

Atrophy.—Wasting of a part from disuse or disease.

R

<table>
<thead>
<tr>
<th>Simple muscular atrophy:</th>
<th>1 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strychnine Arsenate</td>
<td>1 grn.</td>
</tr>
<tr>
<td>Strychnine</td>
<td>90 grn.</td>
</tr>
<tr>
<td>Strychnine</td>
<td>To make a mass</td>
</tr>
</tbody>
</table>

Dispense in 50 capsules. One to 3 twice daily. Use massage and electricity on affected part.

R

<table>
<thead>
<tr>
<th>Yellow atrophy of liver:</th>
<th>2 dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chloral Hydrate</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Camphor Water</td>
<td>To make 2 fl. oz.</td>
</tr>
</tbody>
</table>

Teaspoonful in water every 3 or 4 hours, to control nervous symptoms.

OTHER REMEDIES USED IN ATROPHY:

Olive Oil, Lanum, and Expressed Oif Almond, for inunction; Nux Vomica, Quassia, and Mineral Acids, as tonics; Iodides, Ichthahbin or Gaduoil, as alternatives.

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Backache.—Lumbago.

R  Rheumatic:
  Euqinine .................. 10 grn.
  Morphine Sulphate Merck ¼ grn.
  Syr. Tolu .................. 4 fl. dr.
  Take at bed-time.

R
  Cinchonidine Sалиcylate... 1 dr.
  Codeine Sulphate Merck 6 grn.
  Ext. Cascara Sagrada........ 1 dr.
  Dispense in 24 capsules.
  Two every 3 hours.

R
  Tinct. Aconite ............ 2 fl. dr.
  Tinct. Capsicum ........... 2 fl. dr.
  Belladonna Liniment 
    to make 4 fl. oz.
  Rub on back twice a day. Label
  "Poison."

R
  Wine Colchicum Root ...... 2 fl. dr.
  Sodium salicyl. Merck .... 4 dr.
  Potassium Iodide .......... 2 dr.
  Syrup ..................... 4 fl. dr.
  Peppermint Water .......... 1 fl. oz.
  Teaspoonful in water after meals.

OTHER REMEDIES IN BACKACHE:
Tinct. Iodine, Wintergreen Oil, Aconite Liniment, Chloroform Liniment, Belladonna Plaster, or Capsicum Plaster, externally; Tinct. Colchicum, Salicylic Acid, Antipyrine, or Opium, internally.

Baker's Itch.—Disease of the hands resulting from the irritation of yeast. See Psoriasis Diffusa.

Balanitis.—Inflammation of the glans penis and prepuce.

R
  Creolin-Pearson .......... 4 fl. dr.
  Water ............ to make 8 fl. oz.
  Wash thoroughly our's'de and under prepuce with this solution, and apply lint soaked in same, changing every 4 hours.

R
  Ichthyol Merck ........... 6 fl. dr.
  Water ............ to make 8 fl. oz.
  Apply freely to parts on absorbent cotton or lint.

OTHER REMEDIES USED IN BALANITIS:
Carbolic Acid, Tannic Acid, Alum, Alumunol, Lime Water, Yellow Wash, Lunar Caustic, Tannin, Zinc Oxide, Tannoform, or Zinc Sulphate.

Baldness.—See Alopecia.

FORMULAS.

R  Influenzal:
  Acetanilid, 
    Salol Merck .......... of each 1 dr.
  Divide into 15 powders.
  One every 4 hours.

R
  Acetanilid ............... 25 grn.
  Caffeine Merck .......... 1 grn.
  Sodium Bicarbonate ...... 30 grn.
  Divide into 6 powders.
  One every 3 hours.

R
  Ichthyol Merck ........... 2 fl. dr.
  Cold Cream ............... 3 dr.
  Lanum ................... 3 dr.
  Oil Turpentine ........... 1 fl. dr.
  Rub in well several times daily.

R  From female diseases:
  Tinct. Cimicifutura ...... 80 mlD.
  Ammonium Chloride ...... 40 grn.
  Syr. Orange, 
    Water ............ of each 1 fl. oz.
  Tablespoonful before meals.

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Barber’s Itch (Mentagra).—A contagious skin disease imparted by careless barbers to the faces of those they shave.

R Tannic Acid “Superior, Merck” 45 grn.
Precipitated Sulphur 90 grn.
Zinc Oxide Merck 4 dr.
Starch 4 dr.
Petrolatum 1 oz.

Use morning and night.

R Resorcin Merck 1 dr.
Glycerin 2 fl. dr.
Cold Cream to make 2 oz.

Soften and remove crusts by aid of sweet oil, remove all hair, and apply the ointment several times a day.

R Ichthylol Merck 50 min.
Chrysarobin 50 grn.
Salicylic Acid Merck 20 grn.
Petrolatum to make 2 oz.

Anoint diseased parts, and cover with thin layer of oiled silk or gutta-percha tissue.

R Naphtol Resubl. Merck 30 grn.
Soft Soap 2 fl.
Prepared Chalk 2 oz.
Washed Sulphur 2 oz.
Lanum of each 3 dr.

Apply on face at bedtime.

OTHER REMEDIES USED IN BARBER’S ITCH:

Boric Acid, Arsenic, Alum, Canada Balsam, Zinc Chloride, Copper Sulphate, Europhen, Mercuric Nitrate Ointment, Ammoniated Mercury Ointment, Red Mercury Ointment, Hydroxylamine Hydrochlorate, Losophen, Oil Turpentine, or Zinc Sulphate.

Barlow’s Disease.—Infantile Scurvy. See Scurvy.

Basedow’s Disease.—Exophthalmic Goiter. See Goiter.

Bed Sores.—Decubitus.

R To heal:
Iodoformogen 1 dr.
Ichthylol Merck 2 fl. dr.
Petrolatum 4 dr.
Lanum 4 dr.

Apply freely on ulcerated spots.

R Mercury Bichloride 4 grn.
Water 8 fl. oz.

Wash ulcers thoroughly with the solution, apply iodoformogen freely, and place patient on rubber air-ring.

OTHER REMEDIES FOR BED SORES:

Peru Balsam and Resin Ointment, Aristol, Bismuth Subnitrate, Catechu and Lead Subacetate, Charcoal, Glyc. tr. Mercuric Chloride, Iodoformogen, Iodole, Pyoktanin, Quinine, Soap Plaster, Styptic Collodion, Lead Tannate, or Zinc Oxide.

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FORMULAS.

Bed-Wetting.—(See also INCONTINENCE OF URINE.)

R Morning treatment:
Sodium Acetate Merck... 2 dr.
Tinct. Belladonna...... 15 min.
Spt. Nitrous Ether...... 90 min.
Cinnamon Water to make 2 fl. oz.
Teaspoonful before breakfast.

R Night treatment:
Ergotin (Bonjean) Merck 6 grn.
Phenacetin.............. 15 grn.
Sugar........................ 20 grn.
Divide into 12 powders.
One at bedtime, to children between
6 and 12 years old, and two for older
ones. Do not permit patients to
sleep on their backs.

OTHER REMEDIES FOR BED-WETTING:
Caffeine, Cactus, Juniper, or Nitrates, in the morning; Quinine, Strychnine,
Tansy, Aplol, or Myrrh, at night.

Bilious Fever.—See REMITTENT FEVER.

Biliousness.—Malaise due to acute auto-intoxication and usually accom-
panied by loss of appetite, headache, constipation, or diarrhea, and
sometimes jaundice.

R With constipation:
Sodium Phosphate, "Super-
ior, Merck"............. 1 oz.
Sodium Sulphate......... 2 oz.
Tablespoonful in a glass of hot
water before breakfast daily.

R Aloe Merck............. 2 grn.
Podophyllin Merck....... 1 grn.
Strychnine Sulphate...... 4 grn.
Ext. Cascara Sagrada.... 6 grn.
Make 16 pills.
One at bedtime.

Bites and Stings.

R Insects:
Icthyol Merck............ 4 fl. dr.
Ammonia Water........... 4 fl. dr.
Camphor Water........... 4 fl. oz.
Apply freely

R Dogs:
Potassa............. 1 pencil
Cauterize wound with this,
then apply on lint:
Lead Acetate Merck.... 4 dr.
Tinct. Opium......... 2 fl. dr.
Water.................. to make 12 fl. oz.

R Mosquitoes:
Oil Tar.................. 1 fl. oz.
Olive Oil................ 1 fl. oz.
Oil Pennyroyal.......... 1 fl. oz.
Glycerin............... 4 fl. dr.
Carbolic Acid Merck... 2 dr.
Apply occasionally and on retiring.
(As prophylactically)

R Snakes:
Potassium Permanganate 30 grn.
Distilled Water........ 4 fl. oz.
Ligate the limb or cauterize with hot
iron and inject this solution around
and into the wound. Administer
diluted alcohol, brandy or whiskey
freely, until signs of intoxication set
in, then give:

R Pilocarpine Hydrochlor-
ate Merck............. 4 grn.
Fl. Ext. Gelsemium..... 1 fl. dr.
Glycerin............... 1 fl. oz.
Water.................. to make 4 fl. oz.
Teaspoonful every hour till sweating
is profuse.

OTHER REMEDIES FOR BITES AND STINGS:
Salicylic Acid, Alum, Ammonium Carbonate, Lime Water, Calcium Chloride,
Oil Eucalyptus, Hydrogen Peroxide, Menthol, Oil Cloves, Silver Nitrate,
Vinegar.

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FOBMULAS. PART II.

Black Heads.—See Comedones.

Bladder, Inflammation.—See Cystitis.

Bladder Irritability.

\[ \text{Benzolic Acid Merck:} \quad 32 \text{ grn.} \\
\text{Borax:} \quad 64 \text{ grn.} \\
\text{Water:} \quad 2 \text{ fl. oz.} \]

Teaspoonful 3 times a day, when there is frequent urination.

\[ \text{Tinct. Geiselmium:} \quad 30 \text{ min.} \\
\text{Sodium Bromide:} \quad 3 \text{ dr.} \\
\text{Fl. Ext. Triticum:} \quad 12 \text{ fl. dr.} \]

Teaspoonful in water every 4 hours.

Blepharitis.—Inflammation of the eye-lids.

\[ \text{Ichthyol Merck:} \quad 2 \text{ dr.} \\
\text{Lanum:} \quad 90 \text{ grn.} \\
\text{Petrolatum:} \quad 90 \text{ grn.} \]

Apply on margin of eye.

Bladder Paralysis.

\[ \text{Ergotin (Bonjean) Merck:} \quad 40 \text{ grn.} \\
\text{Strychnine Sulphate:} \quad 36 \text{ grn.} \\
\text{Euquinine:} \quad 20 \text{ grn.} \\
\text{Ext. Taraxacum:} \quad 20 \text{ grn.} \]

Make into 20 pills. One 3 times daily.

Blennorrhea Neonatorum.—Gonorrheal Infection of the eyes of the new-born. See Conjunctivitis, Gonorrheal.

Boils (Furuncles).—Painful pus nodules on the skin, containing a central slough commonly called a core.

\[ \text{Ichthyol Merck:} \quad 4 \text{ dr.} \\
\text{Vaseline:} \quad 4 \text{ dr.} \\
\text{Lanum:} \quad 4 \text{ dr.} \]

Apply twice daily, and take full alkaline baths.

\[ \text{Ichthyol Merck:} \quad 1 \text{ fl. dr.} \\
\text{Lead Plaster:} \quad 2 \text{ dr.} \\
\text{Resin Plaster:} \quad 2 \text{ dr.} \]

Apply on lint or linen.

\[ \text{Silver Nitrate:} \quad 25 \text{ grn.} \\
\text{Distilled Water:} \quad 4 \text{ fl. dr.} \]

Apply at an early stage. (To abort.)

---

OTHER REMEDIES USED IN BLEPHARITIS:

Boric Acid, Tannic Acid, Alum, Bismuth, Borax, Copper Sulphate, Creol in 1 or 2 per cent. soln, Hydrastine Hydrochlorate, Mercuric-Nitrate Ointment, Red Oxide of Mercury, Pyoaktin Pencil, Silver Nitrate, or Sodium Carbonate.

---
Boils.—Continued.

OTHER REMEDIES USED IN BOILS:
Acid Mercury Nitrate, Salicylic Acid, Solution Aluminum Acetate, Alumnoi, Arnica Tincture, Arsenic, Belladonna, Boric Acid, Spirit Camphor, Carbolated Camphor, Chloral, Cocaine, Collodion, Menthol, Mercuric Chloride, Pyoktanin, or Poulties, externally; Calcium Chloride, Internally.

Brain Fever.—See Meningitis.

Breasts, Inflamed.—See Mastitis

Breath, Fetid.

R
Thymol Merck........ 8 grn.
Alcohol ................ 1 fl. oz.
Glycerin ................. 4 fl. dr.
Formaldehyde Medicinal 8 min.
Water ................... to make 8 fl. oz.

Mouth-wash.
(In fetor from decayed teeth.)

R
Menthol Merck........ 48 grn.
Chloroform .............. 1 fl. oz.
Pour a few drops on palm of hand, and inhale by nose and mouth. Use three times daily. Avoid contact with eyes.

OTHER REMEDIES USED IN FETID BREATH:
Benzolic Acid, Camphor, Carbolic Acid, Chlorine Water, Potassium Perman- ganate.

Bright's Disease.—Kidney inflammation associated with albuminuria. See Nephritis.

Bromidrosis.—Fetid perspiration of the feet, axillae, etc.

R
For axillae:
Creolln-Pearson .......... 1 fl. dr.
Violet Extract .......... 4 fl. dr.
Deodorized Alcohol ...... 3 fl. oz.
After washing with water, sponge axillae with this solution.

R
Formaldehyde Medicinal 4 fl. dr.
Petrolatum ............. 2 dr.
Lanum .................. 4 dr.
Apply freely night and morning.

R
Boric Acid ............. 3 dr.
Tannoform ............. 3 dr.
Powd. Talcum ........... 3 dr.
Dust freely between toes or wherever fetid sweating occurs.

OTHER REMEDIES FOR BROMIDROSIS:
Chromic Acid, Tannic Acid, Alum, Borax, Witch-hazel, Hydrastine Hydrochlorate, Potassium Permanganate, Lead Acetate, Sodium Bicarbonate, or Benzolic Acid.

Bronchiolitis.—Capillary Bronchitis. See Bronchitis.
**FORMULAS.**

**Bronchitis.—Inflammation of the bronchial tubes.**

**R**

Acute:

- Ammonium Chloride... 2 dr.
- Sodium Salicyl. Merck... 2 dr.
- Tinct. Hyoscyamus... 6 fl. dr.
- Comp. Mixt. Licorice... to make 3 fl. oz.

Teaspoonful every 3 hours.

**R**

- Ammonium Carbonate, Merck... 30 grn.
- Codeine Merck... 2 grn.
- Tinct. Hyoscyamus... 4 fl. dr.
- Syr. Wild Cherry to make 2 fl. oz.

Teaspoonful every 2 hours.

**R**

- Dionin... 5 grn.
- Dil. Hydrocyanic Acid... 1 fl. dr.
- Ammonium Chloride... 45 grn.
- Syr. Wild Cherry to make 2 fl. oz.

Teaspoonful every 3 or 4 hours.

**R**

- Sodium Iodide... 90 grn.
- Codeine Sulphate Merck... 5 grn.
- Fl. Ext. Grindelia... 6 fl. dr.
- Syr. Tolu... to make 3 fl. oz.

Teaspoonful every 3 hours. (In the aged.)

**R**

- Euphrine... 30 grn.
- Sodium Bicarbonate... 30 grn.
- Dionin... 5 grn.
- Peppermint Oil Sugar... 15 grn.

Divide into 10 powders. One powder 3 times a day.

**R**

- Ammonium Carbonate, Merck... 30 grn.
- Tinct. Hyoscyamus... 4 fl. dr.
- Codeine Merck... 2 grn.
- Syr. Wild Cherry... 4 fl. dr.
- Camphor Water to make 2 fl. oz.

Teaspoonful every 2 hours.

**Capillary** (Bronchiolitis):

**R**

- Dionin... 5 grn.
- Solut. Ammonium Acetate... 4 fl. dr.
- Syr. Ipecac... 2 fl. dr.
- Syr. Wild Cherry... 4 fl. dr.
- Distilled Water... to make 4 fl. oz.

Teaspoonful every 2 hours. (For adults.)

**R**

- Ammonium Carbonate, Merck... 2 dr.
- Ammonium Iodide... 5 dr.
- Syr. Glycerhiza... 2 fl. oz.
- Syr. Tolu... 2 fl. oz.

Teaspoonful every 2 or 3 hours, in water.

**R**

- Antipyrine... 15-30 grn.
- Caffeine Merck... 1-3 grn.
- Syr. Tolu... 2 fl. dr.
- Anise Water... to make 2 fl. oz.

Teaspoonful every 4 hours (for children, 6 months to 2 years).

**R**

- Acetanilid... 6-12 grn.
- Caffeine Merck... 1-2 grn.
- Ammonium Carbonate, Merck... 1-2 grn.
- Sugar... 20 grn.

Make 12 powders.

One every 4 hours (for children, 6 months to 2 years).

**R**

- Thiocol... 3 dr.
- Syr. Orange... to make 6 fl. oz.

Half to 1 tablespoonful 3 times daily.

**R**

- Terpin Hydrate Merck... 90 grn.
- Ext. Vanilla... 2 fl. dr.
- Glycerin... 3 fl. oz.
- Alcohol... 3 fl. oz.
- Syrup... to make 8 fl. oz.

Tablespoonful 3 times daily.

**R**

- Terpinol Merck... 1 fl. dr.
- Sodium Benzoate Merck... 1 gr.
- Ext. Licorice... 20 grn.
- Milk Sugar... 30 grn.

Dispense in 80 capsules.

Two to four, 3 times daily.

**R**

- Thiocol... 80 grn.
- Terpin Hydrate Merck... 48 grn.
- Strychnine Sulphate... 34 grn.
- Dionin... 6 grn.

Dispense in 24 capsules.

One every 3 hours.

**R**

- Sodium Bicarbonate... 150 grn.
- Ammonium Chloride... 10 grn.
- Dionin... 5 grn.

Dispense as 10 powders.

One 3 times daily.

---

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Part II.

Bronchitis.—Continued.

R Chronic:

<table>
<thead>
<tr>
<th>Formula</th>
<th>Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dlonin</td>
<td>3 grn.</td>
</tr>
<tr>
<td>Tin. Sanguinaria</td>
<td>1 fl. dr.</td>
</tr>
<tr>
<td>Ammon. Chloride</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Syr. Tolu</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Water</td>
<td>to make 4 fl. oz.</td>
</tr>
</tbody>
</table>

Tablespoonful 3 or 4 times daily.

R Terebene Merck............. 20 min.
Eucalyptol Merck............. 15 min.
Syr. Yerba Santa to make 2 fl. oz.
Teaspoonful every 2 or 3 hours.

R Thymol Merck............. 15 grn.
Eucalyptol Merck............. 20 min.
Creosote (Beechwood) Merck... 2 fl. dr.
Oil Pine Needles Merck........ 4 fl. dr.
Oil Wintergreen............. 1 fl. dr.
Inhale from 2 to 5 drops three times daily. Put into a small cup, and while being warmed over a spirit lamp, inhale vapor.

R Dry:

<table>
<thead>
<tr>
<th>Formula</th>
<th>Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Iodide</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Oil Cinnamon</td>
<td>5 drops</td>
</tr>
</tbody>
</table>

Five to ten drops on sugar, 3 or 4 times a day.

R Dry:

<table>
<thead>
<tr>
<th>Formula</th>
<th>Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spt. Glonoin (1 per cent.)</td>
<td>12 drops</td>
</tr>
<tr>
<td>Chloroform</td>
<td>12 drops</td>
</tr>
<tr>
<td>Alcohol</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Water</td>
<td>to make 6 fl. oz.</td>
</tr>
</tbody>
</table>

Tablespoonful every 3 or 4 hours.

Other Remedies Used in Bronchitis:

Aconite, Carbolic Acid, Ammoniacum, Apomorphine, Asafetida, Benzoin, Benzolic Acid, Camphor, Cinchicifuga, Colchicum, Copalina, Croton Oil, Cubeb, Licorice, Ipecac, Iron, Heroin, Jalap, Lobelia, Morphine, Muscarine, Mustard, Pilocarpine, Potassium Chlorate, Quinine, Sanguinaria, Senega, Squill, Tartar Emetic, Turpentine Oil, Zinc Oxide, Gallic Acid, Nitric Acid, Sulphurous Acid, Anemonin, Balsam Peru, Chloral Hydrate, Cod-liver Oil, Conium, and Crude Petroleum.

Bronchocele.—Swelling of the thyroid gland. See Goiter.

Bruises or Contusions.

R

<table>
<thead>
<tr>
<th>Formula</th>
<th>Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead Acetate</td>
<td>3 grn.</td>
</tr>
<tr>
<td>Tin. Opium</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Water</td>
<td>to make 4 fl. oz.</td>
</tr>
</tbody>
</table>

Apply freely to bruised surface till inflammation subsides.

R

<table>
<thead>
<tr>
<th>Formula</th>
<th>Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spt. Camphor</td>
<td>1 fl. oz.</td>
</tr>
<tr>
<td>Tin. Arnica</td>
<td>2 fl. oz.</td>
</tr>
<tr>
<td>Ext. Witch-hazel (Dist.)</td>
<td>to make 16 fl. oz.</td>
</tr>
</tbody>
</table>

Apply on lint well saturated.

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FORMULAS.

**BRUISES.**—Continued.

**OTHER REMEDIES FOR BRUISES:**

Sulphurous Acid, Salicylic Acid, Compound Tincture Benzoin, Aconite, Ammonium Chloride, Iodoform, Iodoformogen, Iodole, or Pyoktanin.

---

**BUBO.**—Inflammation of the lymphatic glands of the groin or axilla.

**R** To abort:

<table>
<thead>
<tr>
<th>Silver Nitrate</th>
<th>30 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distilled Water</td>
<td>4 fl. dr.</td>
</tr>
</tbody>
</table>

Apply every hour or two on the first signs of inflammation.

**R** Mercury Plaster | 4 dr. |
| Lead Plaster | 4 dr. |
| Oil Turpentine | 1 fl. dr. |
| Ichthyol Merck | 2 fl. dr. |

Apply to gland on new, unbleached muslin.

**R** Creolin-Pearson | 10 min. |
| Distilled Water | 1 fl. oz. |

Anesthetize the bubo with ethylchloride spray, then inject 10 minims of this solution.

---

**OTHER REMEDIES USED IN BUBO:**

Carbolic Acid, Nitric Acid, Aristol, Calomel, Chloral, Copper Sulphate, Europhen, Mercuric Chloride, Ichthyol, Iodine, Iodoform, Iodoformogen, Iodole, Lead Acetate, Potassium Chlorate, or Pyoktanin.

---

**BUBONIC PLAGUE.**—See PLAGUE.

**BUNION.**—Inflammation of the bursa mucosa of the big toe.

**R**

| Ext. Opium | 15 grn. |
| Tannic Acid "Superior" Merck | 15 grn. |
| Ichthyol Merck | 4 fl. dr. |
| Lanum | 4 grn. |

Apply freely on inflamed part.

(To relieve pain and inflammation.)

---

**OTHER REMEDIES FOR BUNION:**

Iodine, Lead Acetate, Carbolized Oil, Resorcin, or Bunion Plasters.

---

**BURNS.**—Lesions caused by excessive heat.

**R** First degree (no blistering):

| Carbolic Acid Merck | 1 fl. |
| Linseed Oil | 8 fl. oz. |
| Lime Water | 8 fl. oz. |

Shake well, and apply on lint or soft linen.

(In extensive painful burns.)

**R**

| Picric Acid | 15 grn. |
| Alcohol | 4 fl. dr. |
| Distilled Water | 6 fl. oz. |

Bathe with this solution for 5 or 10 minutes, apply cotton wet with it, and renew in 3 or 4 days.

---

**R** Second degree (blistered):

| Ext. Opium | 5 grn. |
| Ichthyol Merck | 3 fl. dr. |
| Petrolatum | 3 grn. |
| Lanum | 3 grn. |

Apply on lint or lint. (If burn is very extensive, diminish or omit opium.)

---

**R**

| First degree: |
| Second degree (blistered): |
| Aior | 1 fl. |
| Lanum | 5 grn. |
| Petrolatum | 4 grn. |

Apply every day at first, then every 2 or 3 days.

---

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**BURNS.**—Continued.

**Second degree (blistered):**
- Bismuth Subnitrate: 2 dr.
- Acetanilid: 1 dr.

Bathe parts in 2 per cent. solution of carboxic acid, apply the powder, and cover with antiseptic dressing.

**Third degree (deep burns):**
- Ichthyol Merck: 45 min.
- Olive Oil: 2 fl. dr.
- Vaselin: 2 oz.
- Lanum: 1 oz.

Apply every day to every third day as healing progresses.

**Third degree: (blistered):**
- Expr. Oil Almond: 3 fl. oz.
- Lanum: 3 oz.
- Lime Water: 3 fl. oz.

Apply for two days 2 or 3 times daily, and follow with:

**Lead Water:** 5 dr.
- Lanum: 4 dr.
- Vaselin: 1 dr.

Apply freely every day or second day.

**For excessive pain:**
- Cocaine Hydrochlorate: 10 grn.
- Vaselin: 2 dr.
- Lanum: 2 dr.
- Distilled Water: 5 fl. dr.

Apply freely on painful surface.

**OTHER REMEDIES USED IN BURNS:**
- Boric Acid, Carboxyl Acid, Alkaline Carbonates, Alum, Antipyrine, Silver Nitrate, Bismuth Subgallate, Bismuth Subnitrate, Chlorinated Soda, Chloroform, Collodion, Creolin, Creosote, Iodoform, Lead Acetate, Morphine, Atropine, Naftalan, Peppermint Oil, Pyoktanin, Resorcin, Thymol or Zinc Oxide.

**BURSITIS.**—Inflammation of a bursa.

**I.**
- Ichthyol Merck: 1 fl. dr.
- Spt. Ether: 2 fl. dr.
- Collodion: 2 fl. oz.

Paint on freely.

**For excessive pain:**
- Cocaine Olate (1 per cent.): 1 fl. dr.
- Carboxylated Camphor: 4 fl. dr.
- Olive Oil: 4 fl. dr.

Apply over painful surface.

**II.**
- Ichthyol Merck: 4 fl. dr.
- Lanum: 1 oz.

Apply freely on lint.

**CALCULI, BILIARY (HEPATIC).**—GALL STONES; HEPATIC COLIC. Stone-like concretions blocking up the bile duct.

**During passage:**
- Olive Oil: 16 fl. oz.
- Garantose: ½ grn.
- Oil Cinnamon: 1 drop.

Take half this amount before breakfast, and repeat in 24 hours.

**Chloroform “Superior, Merck”:** 4 fl. dr.

Divide into 8 parts and put into as many homeopathic vials. Use contents of one vial by inhalation from handkerchief during paroxysm.

**During passage:**
- Comp. Sp.: Ether: 2 fl. dr.
- Magendie’s Solution: 30 min.
- Syr. Ginger: to make 1 fl. oz.

Teaspoonful hourly, until pain is relieved.

(For pain.)

**Morphine Sulph. Merck:** 3 grn.
- Atropine Sulphate Merck: 1 grn.
- Water: 130 min.

Inject 10 minims hypodermically, and repeat in 1½ hour if pain is still severe.

(For pain.)

---

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121
FORMULAS.

Calculi, Biliary.—Continued.

R Prophylactic:
Sodium Salicyl. Merck...160 grn.
Gaultheria or Peppermint
Water ------------------------ 4 fl. oz.
Two teaspoonfuls after meals.

R Prophylactic:
Sodium Phosphate“Super-
ior, Merck ” ............. 6 oz.
Divide into 12 parts.
One in tumbler hot water before
each meal.

OTHER REMEDIES USED IN BILIARU CALCUlus:
Nitric Acid, Nitrohydrochloric Acid, Carlsbad Water, Iron Succinate, Iron Perchloride, Mercurochlor Iodide; or Sodium Carbonate, as prophylactics; Belladonna, Dionein, Chloral Hydrate, or Antipyrine, to relieve spasm and pain; Ether, as an anesthetic; Turpentine Oil with Ether, as a prophylactic and pain-reliever during an attack.

Calculi, Renal and Vesical.—Cystolithiasis; gravel. Stony con-
cretions of the kidneys and bladder.

R Alkaline Urine:
Benzaio Acid Merck ........ 30 grn.
Boric Acid........................ 1 dr
Divide into 10 powders.
One every 3 or 4 hours, until the
urine is acid.

R Acid urine:
Potassium Acetate .......... 3 dr
Cinnamon Water to make 2 fl. oz.
Teaspoonful every 2 or 3 hours until
urine is but slightly acid.

R Lithium Citrate Merck... 20 grn.
Sodium Citrate Merck ... 2 dr.
Water.......................... to make 2 fl. oz.
Teaspoonful in carbonated water,
every 2 or 3 hours until urine is but
slightly acid.

R For bladder antiseptics:
Salol Merck...................... 1 dr
Resorcin Merck .............. 2 dr
Sugar ................................ 80 grn.
Dispense in 10 powders. One every
3 or 4 hours.

R For hematuria:
Antipyrine.................... 80 grn.
Elixir Stypticin............... 2 fl. oz.
Teaspoonful every 2 or 3 hours.

R Ergotin (Bonjean) Merck... 1 dr
Galic Acid Merck......... 30 grn.
Dispense in 12 capsules. One every
3 or 4 hours.

R Prophylactic:
Sodium Succynlate Merck 80 grn.
Water.......................... 1 fl. oz.
Syrup Orange ...to make 2 fl. oz.
Teaspoonful three times daily, be-
fore eating.

OTHER REMEDIES USED IN CALCULI:
Benzoates and Dilute Nitric-Acid injections into bladder, to dissolve phos-
phatic calculi; Alkaline waters, Piperazine, Distilled Water, or Potassium
Borotartrate, as prophylactics.

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FORMULAS.

Callosity.—Tyloma.—A circumscribed hardening of the skin.

**R**

Ichthyl Merck .......... 2 dr.
Lead Ointment .......... 2 dr.
Petrolatum ........... 2 dr.
Lanum ................. 4 dr.

Rub in after bathing with warm water and soap.

Camp Fever.—See Typhus.

Cancer.—A name applied to various kinds of malignant tumors.

**R**

**Breast:**

Pyoktanin .......... 15 grn.
Lanum ............. 1 oz.
Divide into 8 parts and dispense in paraffin paper. Every other day spread one package upon linen and apply to growth, leaving on 24 hours.

---

**Methylene Blue Medicinal, Merck** .......... 5 grn.
**Distilled Water, freshly boiled** .......... 1 fl. oz.

Inject 15 to 30 minims into the tumor daily, or every other day.

---

**Recal:**

Ext. Opium .......... 3 grn.
Lanum .......... 90 grn.
Oil Theobroma .......... 45 grn.
White Wax .......... 45 grn.

Make into six suppositories. Introduce one daily after immersing it 5 minutes in ice water.

---

**Skin:**

Pyoktanin .......... 15 grn.
Lanum ............. 1 oz.

Apply freely every 24 hours, and cover with linen.

---

**Stomach:**

Pyoktanin .......... 45 grn.
Argil .......... 45 grn.
Muclage Tragacanth ........ to make 45 pills.

One or two pills 1 to 3 times daily.

---

**Uterus:**

Pyoktanin .......... 15 grn.
Ichthyl Merck .......... 30 min.
Lanum
Oil Theobroma
White Wax .......... of each 135 grn.
Oil Rose ............. 1 drop

Make into 6 ovules.

Introduce one every other day, after vaginal irrigation. Retain in place by means of a dry cotton tampon.

---

**Skin:**

Pyoktanin .......... 15 grn.
Lanum ............. 1 oz.

Apply freely every 24 hours, and cover with linen.

---

**Stomach:**

Resorcin Resubl. Merck .. 30 grn.
Rhubarb Wine .......... 1 fl. dr.
Syr. Orange .......... 4 fl. dr.
Decoction Condurango (1:12) .......... to make 6 fl. oz.

Dispense in dark amber bottle. Tablespoonful every 2 hours.

OTHER REMEDIES USED IN CANCER:

Bromine Chloride, Arsenic, Bromine, Caustic Alkalies, Lime, Sodium Ethylate, Calcium Carbide, Vienna Paste, Zinc Chloride, Zinc Sulphate, escharotics; Petroleum, Potassium Permanganate, Potassium Chlorate, Mercure Chloride, Hydrogen Peroxide, Glycerite Carbolic Acid, Creolin, Powdered Coffee, Aristol, Silver Nitrate, Alum, as antiseptics and deodorizers; Opium, Chloral, Stramonium Ointment, Codein or Morphine, to relieve pain; Nux Vomica, Gadul, Glycerinophosphates, Manganese and Iron preparations, as alteratives and tonics.

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FORMULAS.

PART II

Cancrum Oris.—Foul ulcers inside the lips and cheek. "Canker."

\[ \text{R} \]
\[ \text{Solut. Hydrogen Peroxide} \] 1 fl. oz.
\[ \text{Formaldehyde Medicinal} \] 5 min.
\[ \text{Distilled Water to make} \] 3 fl. oz.
\[ \text{Use as mouth-wash 3 or 4 times daily.} \]

OTHER REMEDIES FOR CANCRUN ORIS:
Salicylic Acid, Benzoic Acid, Lead Water, Boric Acid, Potassium Permanganate, Resorcin, Camphor Water, Chlorine Water, or Creolin.

Carbuncle.—See Anthrax.

Caries.—Necrosis.—Ulceration or decay of teeth or bones.

\[ \text{R} \]
\[ \text{Calcium Glycerinophosphate Merck} \] 2 dr.
\[ \text{Wine Cod-liver Oil from} \] Gaduoal 1 fl. oz.
\[ \text{Teaspoonful three times a day.} \]

\[ \text{R} \]
\[ \text{Elixir Phosphorus} \] 2 fl. oz.
\[ \text{Syr. Lime} \] 2 fl. oz.
\[ \text{Teaspoonful in water 2 hours after meals. (In pregnant and nursing women.)} \]

\[ \text{R} \]
\[ \text{Elixir Phosphorus} \] 2 fl. oz.
\[ \text{Wine Cod-liver Oil from} \] Gaduoal 6 fl. oz.
\[ \text{Tablespoonful 2 hours after meals. (In cases with malnutrition.)} \]

OTHER REMEDIES USED IN CARIES:
Iodides, Gold Salts, Iron Salts, Phosphates, Sarsaparilla, Internally; Aristol, Iodine, Potassium Hydrate, Iodoformogen, locally.

Catalepsy.—A sudden suspension of voluntary motion and consciousness.

\[ \text{R} \]
\[ \text{Chloroform "Superior, Merck"} \] 1 fl. dr.
\[ \text{Ether} \] 2 fl. dr.
\[ \text{Use 30 drops by Inhalation. Rub turpentine oil along the spine.} \]

Catarrhal Croup.—See CROUP, Catarrhal.

Catarrh Bronchial.—Inflammation of the bronchial tubes with mucous discharge. See BRONCHITIS.

Catarrh, Cervical.—Inflammation of the neck of the uterus, with mucous discharge.

\[ \text{R} \]
\[ \text{Afrol} \] 4 dr.
\[ \text{Boric Acid} \] 4 dr.
\[ \text{Apply after previous thorough cleansing.} \]

\[ \text{R} \]
\[ \text{Iethyol Merck} \] 1 fl. dr.
\[ \text{Boric Acid} \] 20 grn.
\[ \text{Glycerin} \] 1 fl. oz.
\[ \text{After cleaning the cervix, apply on cotton externally and by tampon internally.} \]
**FORMULAS.**

**Catarrh, Epidemic.**—A contagious inflammation of the air-passages known as "influenza" or "grip." See INFLUENZA.

**Catarrh, Gastric.**—Inflammation of the lining membrane of the stomach accompanied by excessive mucous secretion. See GASTRITIS.

**Catarrh, Intestinal.**—Inflammation of the intestines accompanied by a free mucous discharge. See DYSENTERY.

**Catarrh, Nasal.**—Inflammation of the air-passages of the nose, accompanied by a free discharge of mucus.

<table>
<thead>
<tr>
<th>R</th>
<th>Acute:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Menthol Merck</td>
<td>24 grn.</td>
</tr>
<tr>
<td>Chloroform</td>
<td>4 fl. oz.</td>
</tr>
<tr>
<td>Inhale few drops from palm of hand every 3 or 4 hours. Keep from the eyes.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R</th>
<th>Chronic:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iodine</td>
<td>5 grn.</td>
</tr>
<tr>
<td>Potassium Iodide</td>
<td>10 grn.</td>
</tr>
<tr>
<td>Zinc Sulphocarbolate</td>
<td>20 grn.</td>
</tr>
<tr>
<td>Merck</td>
<td>30 min.</td>
</tr>
<tr>
<td>Water</td>
<td>4 fl. oz.</td>
</tr>
<tr>
<td>Apply once a day by syringe or spray.</td>
<td></td>
</tr>
</tbody>
</table>

**R**

- Menthol Merck | 36 grn. |
- Eucalyptol Merck | 1 fl. oz. |
- Terpinol Merck | 45 min. |
- Oil Scotch Fr. | make 4 fl. oz. |
- Pour a few drops into a flask or glass, heat over spirit lamp, and inhale vapor as it evolves.

**R**

- Equine | 21 grn. |
- Fowler's Solution | 10 min. |
- Solut. Atropine (1 per cent.) | 4 min. |
- Powd. Acacia | for 12 pills. |
- One every 3 or 4 hours. (For acute colds.)

**R**

- Atropine Sulphate Merck | 3/4 grn. |
- Morphine Sulphate Merck | 1/4 grn. |
- Equine | 10 grn. |
- Camphor | 10 grn. |
- Make into 20 tablets. |
- One every 3/4 hour for 6 doses, or until throat is dry, then every 2 or 3 hours.

**Catarrh, Urethral.**—Inflammation of the urethra with mucous discharge.—See URETHRITIS, Gonorrhea.

**Catarrh, Vesical.**—Bladder inflammation with mucous discharge. See CYSTITIS.

**Cephalalgia.**—Pain in the head. See HEADACHE.

**Cerebro-Spinal Fever.**—An acute and severe epidemic fever with great pain and extreme nervous shock. See MENINGITIS.

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---

125
FORMULAS.

**Chafing.—Excoriations; Intertrigo.** Inflammation of the skin due to dampness and friction.

<table>
<thead>
<tr>
<th>R</th>
<th>Ichthyol Merck</th>
<th>1 fl. dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Magnesia</td>
<td>4 dr.</td>
</tr>
<tr>
<td></td>
<td>Talcum (impalp. powd.)</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Dusting-powder.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R</th>
<th>Airol</th>
<th>90 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Zinc Oxide Merck</td>
<td>90 grn.</td>
</tr>
<tr>
<td></td>
<td>Lycopodium</td>
<td>2 oz.</td>
</tr>
</tbody>
</table>

Apply.

<table>
<thead>
<tr>
<th>R</th>
<th>Tannoform</th>
<th>1 dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Powd. Camphor</td>
<td>80 grn.</td>
</tr>
<tr>
<td></td>
<td>Lycopodium</td>
<td>5 dr.</td>
</tr>
</tbody>
</table>

Apply twice daily.

**OTHER REMEDIES USED FOR CHAFING:**
Acetanilid, Boric Acid, Carbolic Acid, Bismuth Subgallate, Calomel, Fuller's Earth, Tannin, Zinc Carbonate, Zinc Oxide, Zinc Stearate.

**Chalazion.—** A small, slightly transparent tumor on the edge of the eyelid, due to the distension of a Meibomian gland.

<table>
<thead>
<tr>
<th>R</th>
<th>Ichthyol Merck</th>
<th>3 dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lanum</td>
<td>1 dr.</td>
</tr>
</tbody>
</table>

After free application of hot water, anoint swelling with this salve.

**Chancre.—** An ulcer that marks the primary invasion of syphilis.

<table>
<thead>
<tr>
<th>R</th>
<th>Formaldehyde Medicinal</th>
<th>1 fl. oz.</th>
</tr>
</thead>
</table>

Apply after using a solution of cocaine hydrochlorate to check sensitivity.

<table>
<thead>
<tr>
<th>R</th>
<th>Mercury Bichloride</th>
<th>7 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lime Water</td>
<td>8 fl. oz.</td>
</tr>
</tbody>
</table>

Shake, and keep applied on absorbent cotton to ulcer.

**Chancroid.—** A non-syphilitic venereal ulcer.

<table>
<thead>
<tr>
<th>R</th>
<th>Silver Nitrate Moulded</th>
<th>1 stick</th>
</tr>
</thead>
</table>

Cauterize thoroughly, and then apply calomel.

<table>
<thead>
<tr>
<th>R</th>
<th>Tannoform</th>
<th>1 dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Calomel</td>
<td>1 dr.</td>
</tr>
<tr>
<td></td>
<td>Iodoformogen</td>
<td>4 dr.</td>
</tr>
</tbody>
</table>

Use as a dusting-powder.

<table>
<thead>
<tr>
<th>R</th>
<th>Calomel</th>
<th>20 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lime Water</td>
<td>2 fl. oz.</td>
</tr>
</tbody>
</table>

Shake the bottle, and apply contents freely on the ulcer by the aid of lint or cotton.

**OTHER REMEDIES USED IN CHANCROID AND CHANCRE:**
Acetanilid, Carbolic Acid, Nitric Acid, Camphor, Alumniol, Iodoform, Chromic Acid, Copper Sulphate, Mercury Salts, Pyoktanin, Resorcin, Monsel's Solution, Labarraque's Solution, Hydrogen Peroxide, Salicylic Acid, Europhen.

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**PART II.**

**FORMULAS.**

**Chapping.**—Superficial fissuring of the skin or mucous membrane of the face, hands, or lips.

| R | Menthol Merck | 15 grn.  |
|   | Salol Merck   | 30 grn. |
|   | Olive Oil     | 30 min. |
|   | Lanum         | 12 dr.  |

Apply.

**Charbon.**—Malignant pustule. See Anthrax.

**Cheloid.**—A form of skin disease. See Keloid.

**Chicken-Pox.**—Varicella. An acute, contagious disease characterized by eruption of papules, vesicles, and occasionally pustules, and by mild constitutional symptoms.

| R | Potassium Acetate | 1 dr.  |
|   | Tinct. Aconite     | 4 min. |
|   | Syr. Ginger        | 2 fl. oz. |

Teaspoonful every 2 or 3 hours. If constipated give cream of tartar or solution magnesium citrate.

| R | Tinct. Aconite | 5 min.  |
|   | Potass. Citrate  | 2 dr.  |
|   | Syr. Lemon       | 4 fl. dr.  |
|   | Water            | to make 3 fl. oz.  |

Teaspoonful every 2 hours, for child 2 to 3 years. (Diuretic and febrifuge.)

**Chilblains.**—Kibr. Painful swelling, mostly of fingers and toes, due to cold. (See also Frost-bite.)

| R | Balsam Peru | 2 fl. dr.  |
|   | Ichthyol Merck | 2 fl. dr.  |
|   | Lanum         | 4 dr.  |

Apply freely on the inflamed parts.

| R | Resorcin Merck | 1 dr.  |
|   | Ichthyol Merck | 1 fl. dr.  |
|   | Tannic Acid “Superior, Merck” | 1 dr.  |
|   | Water          | 5 fl. dr.  |

Paint on every morning and evening. Shake the bottle.

| R | Resorcin Merck | 1 dr.  |
|   | Ichthyol Merck | 1 fl. dr.  |
|   | Carbolic Acid Merck | 1 dr.  |
|   | Tinct. Iodine   | 2 fl. dr.  |
|   | Simple Cerate   | 4 oz.  |

Ointment.

| R | Carbolic Acid Merck | 15 grn.  |
|   | Lead Ointment       | 5 dr.  |
|   | Lanum                | 5 dr.  |
|   | Expr. Oil Almond    | 150 min.  |
|   | Spt. Lavender       | 20 drops  |

To be used 3 times a day on ulcerated chilblains.

**OTHER REMEDIES USED IN CHICKEN-POX:**

Calomel, Ammonium Acetate, Tincture Veratrum Viride, Laxatives, internally: Potassium Chlorate, Camphor Water, Borax, Sodium Bicarbonate, externally.

| R | Balsam Peru | 2 fl. dr.  |
|   | Ichthyol Merck | 2 fl. dr.  |
|   | Lanum | 4 dr.  |

Apply freely on the inflamed parts.

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**Chilblains.—Continued.**

**OTHER REMEDIES USED IN CHILBLAINS:**

Sulphuric Acid, Alum, Arnica, Baseline Ointment, Cajuput Oil, Camphor, Capsicum Tincture, Chlorinated Lime, Collodion, Copper Sulphate, Creolin, Creosote, Iodine, Lead Acetate, Laudanum, Turpentine Oil, locally; Aconite, Cadmium Iodide, Cod-liver Oil, Gaduol, Ichthalbin, internally.

**Chills.—**A feeling of cold without adequate objective cause. See *Intermittent Fever*.

**Chloasma.—**Lentigo. Pigmentary discoloration of the skin, commonly known as ‘freckles.’

**FORMULAS.**

- **R**
  - Mercury Bi Chloride .... 2 grn.
  - Oil Rose ........... 3 drops
  - Alcohol .......... 7 fl. oz.
  - Water .......... to make 1 pint
  - Apply night and morning, after bathing.
  - (For pigmentary discolorations of pregnancy.)

- **R**
  - Naphthol Merck .......... 1 dr.
  - Glycerin .......... 30 min.
  - Tinct. Green Soap .... to make 3 fl. oz.
  - Apply twice a day.

**OTHER REMEDIES USED IN CHLOASMA:**

Zinc Oxide, Ammoniated Mercury, Bismuth Oxide, Hydrogen Peroxide, Copper Oleate, Alkaline Lotions, Iodine.

**Chlorosis.—**The so-called “green-sickness” of young women at puberty, characterized by extreme anemia.

- **R**
  - Arsenous Acid Merck ... 1 grn.
  - Ext. Nux Vomica ......... 10 grn.
  - Hemogallol ........... 36 grn.
  - Comp. Ext. Rhusbarb ... 10 grn.
  - Mucilage Acacia.
  - Sugar .......... to make 60 pills
  - Two pills 3 times a day, after meals.

- **R**
  - Euquiline ........... 90 grn.
  - Exsic. Iron Sulphate .... 2 dr.
  - Strychnine Sulphate ... 1½ grn.
  - Arsenous Acid Merck ... 1 grn.
  - Make into 60 pills.
  - One 3 times daily, after eating.

**OTHER REMEDIES USED IN CHLOROSIS:**


**Cholera, Asiatica.—**A malignant form of epidemic enteritis with purging, muscular spasm, and painful griping caused by the spirillum cholera asiatica.

- **R**
  - Collapse prophylactic:
    - Strychnine Sulphate .... 3 grn.
    - Atropine Sulphate Merck ½ grn.
    - Water ................ 4 fl. dr.
  - 10 drops hypodermically, in threatened collapse.

- **R**
  - For thirst:
    - Dil. Hydrobromic Acid .... 1 fl. oz.
    - Garantose ........... ½ grn.
    - Water .............. 4 fl. oz.
  - Teaspoonful in each glass of water.

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**Cholera Infantum.**—The “summer complaint” of children.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Initial treatment</th>
<th>To control diarrhea</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Calomel............. 2 grn.</td>
<td>Tannalbin ............ 30 grn.</td>
</tr>
<tr>
<td></td>
<td>Garantose ............. ¼ grn.</td>
<td>Aromatic Powder ....... 2 grn.</td>
</tr>
<tr>
<td></td>
<td>Divide into 12 powders.</td>
<td>Sugar ................ 5 grn.</td>
</tr>
<tr>
<td></td>
<td>One every hour for four doses.</td>
<td>Divide into 12 powders.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>One every 4 to 6 hours, for child about 1 year; double this dose for 2-year-old child.</td>
</tr>
</tbody>
</table>

**Cholera Morbus.**—Acute inflammation of the digestive tract, with diarrhea, vomiting and cramps.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Initial treatment</th>
<th>To control symptoms</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Calomel............. 1 grn.</td>
<td>Tannalbin ............ 6 dr.</td>
</tr>
<tr>
<td></td>
<td>Lead Acetate......... 4 grn.</td>
<td>Oil Cassia .......... 1 drop</td>
</tr>
<tr>
<td></td>
<td>Bismuth Subnitrate.... 30 grn.</td>
<td>Garantose .......... ½ grn.</td>
</tr>
<tr>
<td></td>
<td>Divide into 10 powders.</td>
<td>One every 4 hours to adults.</td>
</tr>
<tr>
<td></td>
<td>One every half hour or hour.</td>
<td></td>
</tr>
</tbody>
</table>

**OTHER REMEDIES USED IN CHOLERA INFANTUM:**

- Carbolic Acid, Arsenic, Bismuth Salicylate, Dermatol, Brandy, Caffeine, Camphor, Castor Oil, Copper Arsenite, Creosote, Creolin, Copper Sulphate, Ichthyol, Ipecac, Lead Acetate, Lime Water, Opium, Resorcin, Rhubarb, Silver Nitrate, Tannic Acid, Tribromphenol, Xeroform, Zinc Sulphocarbolate.

**OTHER REMEDIES USED IN CHOLERA MORBUS:**

- Carbolic Acid, Sulphuric Acid, Arsenic, Atropine, Codeine, Borax, Castor Oil, Chloral Hydrate, Chlorine Water, Copper Arsenite, Creolin, Creosote, Ipecac, Lead Acetate, Naphtalin, Naphtol, Salol, Veratrum.
Chordee.—Painful erections of the penis in gonorrhea.

R
Potassium Bromide... 4 dr.
Chloral Hydrate Merck.. 30 grn.
Tinct. Hyoscyamus... 40 min.
Syr. Orange... to make 3 fl. oz.
Tablespoonful in water at bedtime.
Repeat, if required, during the night.

R
Monobromated Camphor
Merck... 15 grn.
Ext. Opium... 3 grn.
Ext. Hyoscyamus... 24 grn.
Make into 6 pills.
One at bedtime, repeating toward morning, if necessary.

OTHER REMEDIES IN CHORDEE:

Chorea.—A disease of the nervous system in which there are involuntary movements of the limbs.

R
Arsen-hemol... 80 grn.
Powd. Ext. Licorice... 20 grn.
Mucilage Acaica to make 50 pills.
3 pills a day, after meals; increase every fourth day by one pill until 10 per day are being taken, then decrease again until 3 is the number, discontinue for a few days, then resume as before.

R
Levico Water, Mild... 1 bottle.
Tablespoonful diluted in any beverage, after meals and at night. After a few days increase gradually up to 3 tablespoonfuls. In a couple of weeks begin on a bottle of the strong, with 1 tablespoonful as a substitute for the 3 of the mild. Some days later augment this dose and gradually increase as before. Decrease dosage as improvement shows.

R
For anemia:
Eserine Sulphate Merck... 1 grn.
Distilled Water... 3 fl. oz.
Inject 5 minims, gradually increased to 10 minims, twice a day.

R
For insomnia:
Chloral Hydrate Merck... 1 dr.
Water... 2 fl. oz.
Syr. Orange... to make 3 fl. oz.
Tablespoonful in water at night, repeating in 3 or 4 hours if necessary. (For children 6 to 8 years.)

R
For rheumatic subjects:
Sodium Salicyl. Merck... 2 dr.
Antipyrine... 1 dr.
Peppermint Water... to make 4 fl. oz.
Teaspoonful in water 3 times a day, for children over 10 years of age: reduce in proportion to age.

OTHER REMEDIES USED IN CHOREA:

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PART II.  

FORMULAS.

Choroiditis. — Inflammation of the choroid membrane of the eye.

**R**
- Thiosinamine Merck .......... 15 grn.
- Milk Sugar ............... 1 dr.

Dispense in 60 capsules.

Begin with 2 capsules morning and at 4 p.m., then 1 capsule more each day until 12 per day are being taken.

**R**
- Iodine .................. 1 grn.
- Potass. Iodide .......... 15 grn.
- Distilled Water ........ 1 fl. oz.

Inject 4 or 5 drops under the bulbar conjunctiva every 2 or 3 days, gradually increasing to 10 or 15 drops as the reaction decreases.

OTHER REMEDIES FOR CHOROIDITIS:
- Atropine, Mercury Salts, Morphine, Opium, Boric Acid, Borax.

Chyluria. — Chyle in the urine; milky urine.

**R**
- Methylene Blue Medicinal, Merck .......... 40 grn.

Dispense in 20 capsules.

One every 4 hours.

OTHER REMEDIES USED IN CHYLURIA:
- Gallic Acid, Glycerinophosphates, Hypophosphites, Potassium Iodide, Sodium Benzoate, Thymol.

Cicatrices. — Scars on skin or mucous membrane.

**R**
- Thiosinamine Merck .......... 8 grn.
- Distilled Water ........... 2 dr.

Inject 15 to 30 minims under the scar twice a week.

(To soften it and remove its tension.
The pain of the injection is not enduring.)

Cirrhosis. — A hardening by increase of connective tissue. See Hepatic Diseases.

Clergyman’s Sore Throat. — See Pharyngitis, Follicular.

Coccydynia. — Pain in the coccyx. Also called “Coccygodynia.”

**R**
- Iodoform .................. 3 grn.
- Ext. Belladonna .......... 1 grn.
- Oil Theobroma .......... 80 grn.

Make into 4 suppositories.

One at bedtime.

OTHER REMEDIES USED IN COCCYDYNIA:
- Chloroform, Morphine, Chloral, Antipyrine, Sodium Salicylate, Iodides.

Colds. — Rheumatic and catarrhal disorders arising from exposure to cold. See Bronchitis and Catarrh.

Colic, Hepatic. — See Calculi, Biliary.
Colic, Intestinal.—Acute intestinal pain.

R
Menthol Recryst. Merck. 20 grn.
Morphine Sulphate Merck 1 grn.
Alcohol......................... 5 dr.
Oil Anise........................ 4 drops
Camphor Water to make 1 fl. oz.

Teaspoonful in water every 2 or 3 hours as long as the pain is severe.
(For adults.)

R
Tinct. Belladonna........... 150 min.
Dionin......................... 5 grn.
Comp. Tinct. Cardamom to make 4 fl. oz.

Teaspoonful in water every ½ hour.
(For adults.)

R
Comp. Spt. Ether............. 2 fl. dr.
Spearmint Water............. 4 fl. dr.
Camphor Water.............. 4 fl. dr.
Distilled Water............... 2 fl. dr.

Teaspoonful every 2 hours.
(For children ½ to 2 years.)

Other Remedies Used in Colic:
Arsenic, Asafetida, Atropine, Belladonna, Caraway, Chamomile, Codeine, Coriander, Cloves, Spearmint, Hyoscyne, Mustard, Castor Oil, Croton Oil, Sulphur.

Colic, Lead.—Acute intestinal pain in adults due to the absorption of lead. See also Lead Poisoning.

R
Alum......................... 2 dr.
Dil. Sulphuric Acid........ 1 dr.
Syr. Lemon...................... 1 fl. oz.
Water............................ 3 fl. oz.

Teaspoonful every hour or two.

R
Sodium Salicylate Merck 2 oz.
Dil. Sulphuric Acid...... 30 min.
Water......................... to make 8 fl. oz.
One-fourth of this in water once a day, or oftener if required.
(To eliminate lead from system.)

Colic, Renal.—See Calculi, Renal.

Collapse.—Extreme depression of the vital powers. See Shock.

Coma.—Drowsy stupor due to cerebral injury or cerebral poisoning from disease, liquor, etc.

R
Volatile Oil Mustard........ 30 min.
Alcohol........................................... 1 fl. oz.
Water............................................. to make 2 fl. oz.

Apply with a sponge on legs and feet.

R
Croton Oil......................... 8 min.
Mucilage Acacia........... 1 fl. oz.

Teaspoonful at a dose. Not often advisable to repeat the same day.

This manual is a general compendium of the materia medica. Such articles as may be had of the Merck brand are especially so designated throughout the book. When ordering or prescribing these, please specify: Merck.
PART II.

FORMULAS.

**Coma.—Continued.**

**Other Remedies Used in Coma:**
Turpentine, Chloroform, Amyl Nitrite, Cantharides, Alcohol baths, Digitalis.

**Comedones.—Black-Heads;** concretions of secretion in obstructed sebaceous ducts in the skin of the face. When squeezed out, they resemble worms. (See also Acne.)

\[\text{R} \quad \text{Zinc Sulphate Merck} \quad 1 \text{ dr.} \\
\text{Sulphuric Acid Potassa} \quad 1 \text{ dr.} \\
\text{Rose Water} \quad 4 \text{ fl. oz.}
\]
Press out contents of glands, wash with hot water and tincture green soap, then apply lotion. If irritation ensues, desist for day or two.

**Condyomata.—Wart-like excrescences around the vulva or anus.**

\[\text{R} \quad \text{Resorcin Merck} \quad 12 \text{ grn.} \\
\text{Zinc Carbonate} \quad 1 \text{ dr.} \\
\text{Bismuth Sulphate} \quad 1 \text{ dr.} \\
\text{Talcum Powder} \quad 1 \text{ oz.}
\]
Apply 2 or 3 times a day.

\[\text{R} \quad \text{Camphor Water} \\
\text{Formaldehyde Medicinal} \quad 1 \text{ fl. oz.}
\]
Apply with swab twice daily.
(As cauterant.)

**Other Remedies Used for Condyomata:**

Carbolic Acid, Chromic Acid, Nitric Acid, Arsenic, Ichthyol-Zinc, Iodoform, Iodoformogen, Corrosive Sublimate, Silver Nitrate, Zinc Sulphate, Zinc Chloride.

**Conjunctival Eczema.—An eczematous eruption on the palpebral conjunctiva.**

\[\text{R} \quad \text{Ichthyol Merck} \quad 6 \text{ min.} \\
\text{Wheat Starch} \quad 3 \text{ dr.} \\
\text{Zinc Oxide Merck} \quad 2 \text{ dr.} \\
\text{Vaselin} \quad 2 \text{ dr.} \\
\text{Lanum} \quad 3 \text{ dr.}
\]
Rub into the eyelids at night, and cover with lint smeared with same.

**Conjunctivitis.—Inflammation of the conjunctiva of the eye.**

\[\text{R} \quad \text{Catarrhal:} \\
\text{Boric Acid} \quad 20 \text{ grn.} \\
\text{Sodium Chloride} \quad 3 \text{ grn.} \\
\text{Rose Water} \quad 1 \text{ fl. oz.} \\
\text{Camphor Water} \quad 1 \text{ fl. oz.}
\]
Apply as lotion, every 2 hours with eye-cup.
(For simple cases.)

\[\text{R} \quad \text{Zinc Sulphate Merck} \quad 1 \text{ grn.} \\
\text{Atropine Sulphate Merck} \quad 1/4 \text{ grn.} \\
\text{Rose Water} \quad 1 \text{ fl. oz.}
\]
Instil a few drops several times daily.

\[\text{R} \quad \text{Catarrhal:} \\
\text{Zinc Sulphate Merck} \quad 2 \text{ grn.} \\
\text{Boric Acid (Cryst.)} \quad 20 \text{ grn.} \\
\text{Camphor Water} \quad 4 \text{ fl. dr.} \\
\text{Water to make} \quad 2 \text{ fl. oz.}
\]
Instil several times daily.

\[\text{R} \quad \text{Tannic Acid "Superior, Merck"} \quad 10 \text{ grn.} \\
\text{Borax} \quad 10 \text{ grn.} \\
\text{Glycerin} \quad 1 \text{ fl. dr.} \\
\text{Camphor Water to make} \quad 1 \text{ fl. oz.}
\]
Instil several times daily.

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Conjunctivitis.—Continued.

**PART II.**

**R**

**ICHNOUS:**

Ichetol Merck .......... 15 min.
Camphor Water .......... 12 fl. dr.
Distilled Water .......... 12 fl. dr.
Instil 1 drop into eye, and apply as lotion 3 times daily.

**R**

**EXANTHEMATOUS:**

Boric Acid .......... 20 grn.
Alum ................. 2 grn.
Rose Water .......... 1 fl. oz.
Instil 2 or 3 drops morning and night.

**R**

**GRANULAR TRACHOMA:**

Copper Sulphate .......... 8 grn.
Salicylic Acid Merck .......... 8 grn.
Cocaine Hydrochlorate Merck .......... 8 grn.
Petrolatum .......... 4 dr.
Lanum .......... 6 dr.
Rub into eyelids 3 times a day.

**R**

**PHLYCTENULAR:**

Alol .......... 1 dr.
Boric Acid (Impalpable Powd.) .......... 1 dr.
Dust on with pledget of cotton, after instilling cocaine solution.

**R**

**GONORRHEAL:**

Alol .......... 30 grn.
Lanum .......... 6 dr.
Petrolatum .......... 4 dr.
Irrigate eyes with solution of boric acid, then apply the above with camel’s-hair brush and leave in contact for 10 minutes, after which rub off with absorbent cotton. Keep eyes free from secretion, and repeat treatment twice a day.

OTHER REMEDIES USED IN CONJUNCTIVITIS:


**CONSTIPATION.—Deficient and difficult defecation.**

**R**

**ACUTE:**

Magnesium Citrate, Soluble .......... 4 dr.
Sugar .......... 3 dr.
Divide into 2 powders. One immediately, in tumblerful of water. Repeat in 4 hours if necessary.

**R**

**ATONY OF BOWELS:**

Strychnine Sulphate .......... 1/4 grn.
Atropine Sulphate Merck .......... 1/4 grn.
Fl. Ext. Licorice .......... 2 fl. dr.
Syrup .......... 2 fl. oz.
Water .......... to make 4 fl. oz.
Tablespoonful at bedtime.

**R**

**ATONY OF BOWELS:**

Largin ..... 1 dr.
Sterilized Distilled Water ..... 6 fl. oz.
Dispense in amber-colored bottle. Bathe eyes freely with this, lukewarm, 5 times daily.

**R**

**ICHTHYARGAN:**

Ichetol Merck .......... 4 fl. dr.
Water .......... 4 fl. dr.
Swab everted lids once daily.

**R**

**SILVER NITRATE:**

Silver Nitrate .......... 15 grn.
Distilled Water .......... 1 fl. oz.
Evert eyelash, and apply with camel’s-hair brush. Neutralize excess of silver solution by washing with sodium-chloride solution, 4 grn. to 1 oz. water. (In both adult gonorrhoeal ophthalmia and in ophthalmia neonatorum.)

**R**

**VERNAL:**

Cadmium Sulphate Merck 2 grn.
Rose Water .......... 2 fl. oz.
Use as eye-wash. (In cases of spring conjunctivitis.)

**R**

**ALONIN:**

Alonin Merck .......... 10 grn.
Podophyllin Merck .......... 7 grn.
Oleoresin Capsicum .......... 1 grn.
Ext. Wahoo .......... 20 grn.
Make into 40 pills. One night and morning.

**R**

**HABITUAL:**

Alonin Merck .......... 10 grn.
Podophyllin Merck .......... 7 grn.
Oleoresin Capsicum .......... 1 grn.
Ext. Wahoo .......... 20 grn.
Make into 40 pills. One or two night and morning.

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**Constipation.**—Continued.

R **Habitual:**
- Fl. Ext. Cascara (bitterless) .......... 1 fl. oz.
- Fl. Ext. Licorice .......... 2 fl. dr.
Teaspoonful at bedtime.

R **Of infants:**
- Calomel .......... 1 grn.
- Sodium Bicarbonate .......... 7 grn.
- Sugar .......... 20 grn.
Make 10 powders.
One every 3 hours, until bowels move.

R **Potassium Bitartrate** .......... 1 dr.
- Sugar .......... 30 grn.
Make 12 powders.
One every 3 hours, till bowels move.

**OTHER REMEDIES USED IN CONSTIPATION:**
- Aloes, Bryonia, Carlsbad Water, Castor Oil, Cocculus, Colocynth, Croton Oil;
- Euonymin, Figs, Gamboge, Glycerin, Gualac, Hydrastis, Ipecac, Jalap, Leptandra, Magnesia, Epson Salt, Rochelle Salt, Manna, Prunes, Rhubarb, Senna, Soap, Stillingsia, Sulphur, Turpentine Oil.

**Consumption.**—Tuberculosis of the lungs. See Phthisis.

**Contusions.**—See Bruises.

**Convalescence.**—The period of recovery from disease.

R **Wine Cod-liver Oil from Gaduo** .......... 3 fl. oz.
- Wine Pepsin .......... 1 fl. oz.
Tablespoonful 3 times daily. Give Orexoids to promote appetite.

R **Calcium Glycerinophosphate Merck** .......... 1 dr.
- Water .......... 2 fl. oz.
- Syr. Ginger to make 5 fl. oz.
Dessertspoonful 3 times a day. Give hemogallol for the anemia.

**OTHER REMEDIES USED IN CONVALESCENCE:**
- Hydriodic Acid, Alcohol, Bebeerine, Goca, Eucalyptus, Guarana, Hemogallol, Hydrastine, Ichthalbin, Malt Extract, Orexine, Phosphates.

**Convulsions.**—Involuntary spasms, with agitation of the extremities.

R **Infantile:**
- Potassium Bromide .......... 15 grn.
- Sodium Bromide .......... 15 grn.
- Ammonium Bromide .......... 15 grn.
- Calcium Bromide .......... 15 grn.
- Tinct. Belladonna .......... 6 min.
- Syr. Orange Flowers ... to make 3 fl. oz.
One to 4 teaspoonfuls, according to age, every 2 hours. If indigestible food has been taken, give emetic and purgative. Hot bath valuable adjuvant.

R **Of old people:**
- Aloin Merck .......... 6 grn.
- Podophyllin Merck .......... 2 grn.
Make into 12 pills,
One night and morning.

R **With hemorrhoids:**
- Sodium Sulphate .......... 4 grn.
Take half, dissolved in tumbling water, before breakfast. Repeat in 2 hours if necessary.

R **With hepatic torpor:**
- Aloin Merck .......... 6 grn.
- Inspiss. Ox-Gall Merck .......... 30 grn.
- Podophyllin Merck .......... 2 grn.
- Ipecac .......... 4 grn.
Make into 30 pills.
One 3 times daily.

### Convulsions. — Continued.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>R</strong></td>
<td>Puerperal Convulsions, Chloral Hydrate Merck 30 grn. Syr. Tolu 4 fl. dr. Anise Water to make 1 fl. oz. Tablespoonful in boiled starch, by rectum; repeat in 3 hours if necessary. Inject hypodermically 5 minims tincture veratrum viride.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>R</strong></td>
<td>Uremic Convulsions, Pilocarpine Hydrochlorate Merck 1 grn. Tinct. Veratrum Viride 30 min. Syr. Tolu 4 fl. dr. Anise Water to make 1 fl. oz. Teaspoonful in water, repeated in 2 or 3 hours if necessary.</td>
</tr>
</tbody>
</table>

- **Chloroform “Superior, Merck”** 1 fl. oz. Use to point of anesthesia. For physicians to administer.

### OTHER REMEDIES USED IN CONVULSIONS:

### Corneal Opacities. — Obstruction to sight due to disease of the cornea. — See Keratitis.

### Corneal Opacities — Corns.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td><strong>R</strong></td>
<td>Ext. Cannabis Indica 3 grn. Salicylic Acid Merck 30 grn. Oil Turpentine 15 min. Glacial Acetic Acid 6 min. Cocaine (Alkaloid) Merck 6 grn. Collodion to make 5 fl. dr. Apply thin coating every night over that of preceding night, until the whole drops off, bringing corn with it. Keep bottle well corked.</td>
</tr>
</tbody>
</table>

### OTHER REMEDIES FOR CORNS:
- Acetic Acid, Carbolic Acid, Chromic Acid, Trichloracetic Acid, Copper Oleate, Corrosive Sublimate, Potassium Bichromate, Silver Nitrate, Sodium Ethylate.

### Coryza. — Cold in the head. See Catarrh, Nasal.

### Cough. — A noisy, forced expulsion of air from the lungs, due to irritation of the air-tubes.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>R</strong></td>
<td>Nervous Cough, Phenol 5 grn. Simple Elixir 2 fl. oz. Teaspoonful 2 or 3 times daily, or 2 teaspoonfuls at bedtime.</td>
</tr>
</tbody>
</table>

### OTHER REMEDIES FOR CORNS:

For other formulas see Asthma, Bronchitis, Influenza, Phthisis, etc.
Cramp.—Tonic spasm of the muscles of the calf.

\[ \text{R} \]
Antipyrine .................................. 15 grn.
Antispasmin ................................ 1 grn.
Euquinine .................................. 5 grn.

Take at bedtime, in milk, and apply massage.

OTHER REMEDIES USED IN CRAMP:
Amyl Nitrile, Anemonin, Atropine, Camphor, Chloral, Ether, Morphine, Paraldehyde, Curare.

Cretinism.—A disease characterized by goiter, deformity and stunted growth.

\[ \text{R} \]
Tablets Thyraden, 2 grn. No. 100.
One to two tablets 3 times daily.

\[ \text{R} \]
Thyroidin Merck .................. 20 grn.
Milk Sugar ...................... 2 dr.
Divide into 40 powders.
One to two 3 times daily.

Croup, Catarrhal.—A throat disease of children with a characteristic type of cough, in which there is great difficulty of breathing.

\[ \text{R} \mid \text{Between attacks:} \]
Pilocarpine Hydrochlor- ate Merck .................. 4 grn.
Syrup .................................. 5 fl. dr.
Infusion Ipecac (1 grn. to 1 oz.) .................. 8 fl. oz.
One or 2 teaspoonfuls, according to age, every half hour.

\[ \text{R} \mid \text{During attacks:} \]
Menthol Merck .................. 30 grn.
Alcohol .......................... 4 fl. dr.
Inhale 10 to 15 drops from palm of hand or from warmed handkerchief.

\[ \text{R} \]
Chloral Hydrate Merck .10-20 grn.
Potassium Bromide .15-60 grn.
Tinct. Belladonna .................. 10 min.
Syr. Tolu .................. 4 fl. dr.
Water .......................... to make 2 fl. oz.
For children 2 to 8 years, one or 2 teaspoonfuls in water; repeating in 2 or 3 hours, if required. Smaller doses for children under 2 years.

OTHER REMEDIES USED IN CROUP:
Carbolic Acid Spray, Sulphurous Acid Spray, Aconite, Alum, Apomorphine, Aspidospermine, Calomel, Ichthyol Vapor, Ipecac, Lobelia, Sanguinaria, Senega, Tannin Spray, Tartar Emetic, Zinc Sulphate.

Croup, Spasmodic.—False croup due to spasm of the laryngeal muscles and sudden closure of the glottis in rachitic children. See LARYNGISMUS STRIDULUS.

Cyanoysis.—A blue coloration of the skin due to interference with the circulation.

\[ \text{R} \]
One or 2 tablets every 2 or 3 hours.

OTHER REMEDIES USED IN CYANOSIS:
Amyl Nitrile, Oxygen, Brandy, Champagne, Strychnine, Glonoin.

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Cystitis.—Inflammation of the bladder.

**Acute:**
- Largin
- Warm Water

Irrigate bladder with this solution once daily.

**Chronic:**
- Ichthyol Merck
- Boiled Water

Inject once daily, warm. (As irrigation.)

**Potassium Acetate**
- Solut. Potassa
- Fl. Ext. Uva Ursi
- Tinct. Hyoscyamus
- Tinct. Lupulin
- Water
- Syrup Ginger

Tablespoonful in water after meals and on retiring. (When urine is acid.)

**Methylene Blue Medicinal,**
- Powd. Nutmeg

Dispense in 20 capsules. One 3 or 4 times daily. (As antiseptic.)

**Formin**
- Peppermint Water

Teaspoonful in tumblerful carbonated water, 2 or 3 times daily. (Where there is ammoniacal decomposition of urine.)

**Acute:**
- Saliformin
- Simple Elixir

Teaspoonful in water every 4 hours.

**Other Remedies Used in Cystitis:**
- Boric Acid, Camphoric Acid, Carbolic Acid, Gallic Acid, Osmic Acid, Salicylic Acid, Aconite, Antipyrine, Arbutin, Buchu, Chimaphila, Copaiba, Creolin, Cubebs, Eucalyptus, Grindelia, Guaiacol, Hyoscyamus, Ichthyol, Iodine, Iodoform, Iodoformogen, Lithium Salts, Merciric Chloride, Myrtol, Naphthol, Juniper, Sandalwood, Pichi, Pyoktanin, Quinine, Resorcin, Salol, Silver Nitrate, Sodium Benzoate, Strychnine, Sulphites, Triticum Repens, Turpentine, Zea Mays.

Cystolithiasis.—Stone in the bladder. See Calculi, Renal and Vesical.
PART II.

Cysts.—Abnormal vesicles containing liquid or semiliquid.

R

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iodine</td>
<td>10 grn.</td>
</tr>
<tr>
<td>Potassium Iodide</td>
<td>20 grn.</td>
</tr>
<tr>
<td>Water</td>
<td>2 fl. oz.</td>
</tr>
</tbody>
</table>

Tap the cyst with an aspirator, and inject 10 to 30 minims.

OTHER REMEDIES USED FOR CYSTS:
Gold Chloride, Gaduol, Glycerinophosphates, internally; Silver Nitrate, Copper Sulphate, for injecting after puncture.

DACRYOCYSTITIS.—Inflammation or suppuration of the small distension at the upper end of the lachrymal duct.

R

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creolin-Pearson</td>
<td>15 min.</td>
</tr>
<tr>
<td>Cocaine Hydrochlorate</td>
<td>2 grn.</td>
</tr>
<tr>
<td>Rose Water</td>
<td>4 fl. oz.</td>
</tr>
</tbody>
</table>

Apply absorbent cotton wet in this solution.

OTHER REMEDIES USED IN DACRYOCYSTITIS:
Corrosive Sublimate, Lead Water, Zinc Sulphate, Iodole, Camphor, Resorcin, Borax, Boric Acid, Salicylic Acid, Silver Nitrate.

Dandruff.—A scaly condition of the scalp due to pityriasis capitis. See PITYRIASIS.

Deafness.—Partial or complete loss of hearing.

R From aural calculus:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solut. Hydrogen Peroxide</td>
<td>1 fl. oz.</td>
</tr>
<tr>
<td>Glycerin</td>
<td>7 fl. dr.</td>
</tr>
<tr>
<td>Alcohol</td>
<td>12 fl. dr.</td>
</tr>
<tr>
<td>Water</td>
<td>to make 6 fl. oz.</td>
</tr>
</tbody>
</table>

Warm 2 ounces, and syringe ear thoroughly therewith once daily.

R From Menière's disease:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bromo-hemol</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Equinine</td>
<td>40 grn.</td>
</tr>
</tbody>
</table>

Divide into 12 powders. One after each meal in sweetened water.

R From fibrous adhesions:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thiosinamine Merck</td>
<td>15 grn.</td>
</tr>
<tr>
<td>Milk Sugar</td>
<td>1 dr.</td>
</tr>
</tbody>
</table>

Put into 60 capsules. 2 morning and afternoon; increase 1 capsule per day until 12 are taken daily. Do not give in the evening.

R From dried cerumen:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potass. Hydrate Merck</td>
<td>5 grn.</td>
</tr>
<tr>
<td>Creolin-Pearson</td>
<td>10 min.</td>
</tr>
<tr>
<td>Warm Water</td>
<td>to make 1 pint</td>
</tr>
</tbody>
</table>

Carefully remove as much cerumen as possible, and then irrigate ear with the warm solution.

R

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thiosinamine Merck</td>
<td>20 grn.</td>
</tr>
<tr>
<td>Glycerin</td>
<td>100 min.</td>
</tr>
<tr>
<td>Sterilized Distilled Water</td>
<td>100 min.</td>
</tr>
</tbody>
</table>

Inject 10 to 15 minims into adhesions every 3 days.

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**FORMULAS.**

**Deafness.**—Continued.

**OTHER REMEDIES FOR DEAFNESS:**
Ammonium Chloride, Cantharides, Gelsemium, Morphine, Tannin, Lithium Salicylate, Quinine.

**Debility.**—Bodily weakness.

**R**

<table>
<thead>
<tr>
<th>Anemia:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hemogallol</td>
</tr>
<tr>
<td>Sodium Arsenate Medicinal, Merck</td>
</tr>
<tr>
<td>Eucalyptus</td>
</tr>
<tr>
<td>Guarantease</td>
</tr>
<tr>
<td>Oil Peppermint</td>
</tr>
<tr>
<td>Divide into 24 powders. One 3 times daily.</td>
</tr>
</tbody>
</table>

**With anorexia:**

Solu. Arsenous Acid... 30 min.
Dil. Hydrochloric Acid... 2 fl. dr.
Comp. Tinct. Gentian... to make 4 fl. oz.
Teaspoonful after meals in water.

**OTHER REMEDIES FOR DEBILITY:**
Alcohol, Hypophosphites, Berberine, Cinchona, Cod-liver Oil, Gaduol, Hemogallol, Iron, Leivo Water, Manganese, Quinine, Sarsaparilla, Sanguinarin.

**Debility, Nervous.**—See Neurasthenia.

**Debility, Sexual.**—See Impotence.

**Decubitus.**—Sores on the body caused by lying long in one position. See Bed-sores.

**Delirium Tremens.**—Illusions of consciousness, with tremor and insomnia; due to excessive indulgence in strong drink. See Alcoholism.

**Dementia.**—A form of insanity with weakness of intellect and will.

**R**

<table>
<thead>
<tr>
<th>Hyoscine Hydrobromate Merck</th>
<th>1/4 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comp. Tinct. Car. ammonia</td>
<td>1 fl. oz.</td>
</tr>
<tr>
<td>Anise Water... to make 3 fl. oz.</td>
<td></td>
</tr>
<tr>
<td>Teaspoonful at bedtime or when excited. Gradually increase dose till physiological effect is perceived.</td>
<td></td>
</tr>
</tbody>
</table>

**Dental Hemorrhage (after extraction).**

**R**

<table>
<thead>
<tr>
<th>Stypticin Merck</th>
<th>15 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Place small quantity into bleeding socket, and pack with absorbent cotton.</td>
<td></td>
</tr>
</tbody>
</table>

**R**

<table>
<thead>
<tr>
<th>Stypticin Tablets Merck</th>
<th>No. 10.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Put one into bleeding socket, and plug with absorbent cotton.</td>
<td></td>
</tr>
</tbody>
</table>

**Dentition.—Teething.**

**R**

<table>
<thead>
<tr>
<th>Convulsions:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chloral Hydrate Merck</td>
</tr>
<tr>
<td>Potassium Bromide... 15 grn.</td>
</tr>
<tr>
<td>Comp. Tinct. Opium... 10 min.</td>
</tr>
<tr>
<td>Fennel Water... to make 1 fl. oz.</td>
</tr>
<tr>
<td>Teaspoonful every 3 hours when awake.</td>
</tr>
</tbody>
</table>

**R**

<table>
<thead>
<tr>
<th>Convulsions:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sod. Bicarbonate... 20 grn.</td>
</tr>
<tr>
<td>Sodium Bromide... 20 grn.</td>
</tr>
<tr>
<td>Chloral Hydrate Merck</td>
</tr>
<tr>
<td>Peppermint Water... 12 fl dr.</td>
</tr>
<tr>
<td>Syr. Ginger... 4 fl dr.</td>
</tr>
<tr>
<td>One-half teaspoonful 1 teaspoonful, according to age, every 2 or 3 hours.</td>
</tr>
</tbody>
</table>

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140
**FORMULAS.**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bismuth Subnitrate</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Cocaine Hydrochlorate Merck</td>
<td>74 grn.</td>
</tr>
<tr>
<td>Creosote (Balsam Gradifolium)</td>
<td>2 drops</td>
</tr>
<tr>
<td>Chalk Mixture</td>
<td>to make 2 fl. oz.</td>
</tr>
</tbody>
</table>

One-half to 1 teaspoonful every 2 hours. Shake bottle.

---

**OTHER REMEDIES FOR DENTITION:**

Antispasmin, Belladonna, Calcium Hippurate, Monobromated Camphor, Calumba, Hyoscyamus, Hypophosphites, Tropacocaine Hydrochloride.

---

**Dermatitis Herpetiformis.**—See Herpetiform Dermatitis.

**Dermatitis Venenata.**—Inflammation of the skin from an external irritating agent. See Ivy Poisoning.

**Diabetes Insipidus.**—Discharge of unusually large amounts of pale urine free from sugar and albumin.

<table>
<thead>
<tr>
<th>Formula</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Valerianate Merck</td>
<td>40 grn.</td>
</tr>
<tr>
<td>Sodium Bromide</td>
<td>2 dr.</td>
</tr>
<tr>
<td>Simple Elixir</td>
<td>2 fl. oz.</td>
</tr>
</tbody>
</table>

Teaspoonful 3 times daily, in water.

---

**OTHER REMEDIES USED IN DIABETES INSIPIDUS:**

Gallic Acid, Nitric Acid, Alum, Anipyrine, Arsenic, Atropine, Belladonna, Creosote, Gold Chloride, Jaborandi, Krameria, Lithium Carbonate, Muscarine, Pilocarpine, Potassium Iodide, Rhus Aromatica, Strychnine, Valerian.

---

**Diabetes, Mellitus.**—GLYCOSURIA. A chronic condition of sugar in the urine, weakened constitution and finally emaciation. In examining the urine for sugar, it is well to remember that Trommer's test is no guide if the patient is taking salicylates.

<table>
<thead>
<tr>
<th>Formula</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Methylene Blue Medicinal Merck</td>
<td>45 grn.</td>
</tr>
<tr>
<td>Powd. Nutmeg</td>
<td>45 grn.</td>
</tr>
</tbody>
</table>

Dispense in 20 capsules. Two 4 times daily.

---

**Diabetes, Mellitus.**—GLYCOSURIA. A chronic condition of sugar in the urine, weakened constitution and finally emaciation. In examining the urine for sugar, it is well to remember that Trommer's test is no guide if the patient is taking salicylates.

<table>
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</tr>
</thead>
<tbody>
<tr>
<td>Uranium Nitrate Merck</td>
<td>48 grn.</td>
</tr>
<tr>
<td>Syrup</td>
<td>1 fl. oz.</td>
</tr>
<tr>
<td>Peppermint Water</td>
<td>5 fl. oz.</td>
</tr>
</tbody>
</table>

One to two teaspoonfuls twice daily, after chief meals. Gradually increase to 3 teaspoonfuls, then to tablespoonful, after which increase quantity of uranium nitrate in prescription and keep raising dose until the desired results are obtained. As much as 15 grains can be given with safety 3 times a day.

---

**Diabetes, Mellitus.**—GLYCOSURIA. A chronic condition of sugar in the urine, weakened constitution and finally emaciation. In examining the urine for sugar, it is well to remember that Trommer's test is no guide if the patient is taking salicylates.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Metavanadate</td>
<td>3 grn.</td>
</tr>
<tr>
<td>Distilled Water</td>
<td>12 fl. dr.</td>
</tr>
<tr>
<td>Peppermint Water</td>
<td>12 fl. dr.</td>
</tr>
</tbody>
</table>

Half teaspoonful, progressively increased to 3 teaspoonfuls, 3 times daily, before meals. Stop treatment after about fortnight for few days, then resume.

---

**Diabetes, Mellitus.**—GLYCOSURIA. A chronic condition of sugar in the urine, weakened constitution and finally emaciation. In examining the urine for sugar, it is well to remember that Trommer's test is no guide if the patient is taking salicylates.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arsen-hemol</td>
<td>80 grn.</td>
</tr>
<tr>
<td>Powd. Ext. Licorice</td>
<td>20 grn.</td>
</tr>
<tr>
<td>Mucilage Acacia to make 50 pills</td>
<td></td>
</tr>
</tbody>
</table>

Three pills a day, after meals. Increase every fourth day by one pill per day until 10 are taken daily; then decrease same way. When daily dose of 3 pills is again reached, discontinue for a few days, then resume as before.

---

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141
FORMULAS.

Diabetes Mellitus.—Continued.

R.

Codiine Sulphate Merck. 30 grn.
Syrup Orange .................. 1 fl. oz.
Water ..................... 3 fl. oz.
Teaspoonful, increased to tablespoonful, after each meal.

OTHER REMEDIES USED IN DIABETES MELLITUS:

Acetanilid, Arsenous Acid, Gallocate, Phosphoric Acid, Alkalies, Almond Bread, Aloein, Alum, Antipyrine, Belladonna, Calcium Lactophosphatic, Colchicum, Creosote, Diabetin, Ergot, Exalgm, Glycerin, Glicerinophosphate, Gold Chloride, Gualacol, Hemogallol, Hydrogen Dioxide, Ichthhalbin, Iodoform, Iodide.

Diarrhea.—Too frequent movements of the bowels. (See also CHOLERA, DYSENTERY, and ENTERITIS.)

R. Acute.

Bismuth Phosphate Soluble Merck. 90 grn.
Syrup Fennel .................. 1 fl. oz.
Distilled Water ............... 5 fl. oz.
Teaspoonful to tablespoonful every hour.

R.

Tinct. Opium .................. 80 min.
Tinct. Kino ..................... 1 fl. oz.
Tinct. Krameria ................. 1 fl. oz.
Tinct. Catechu ................. 1 fl. oz.
Comp. Tinct. Cardamom ... to make 4 fl. oz.
Tablespoonful every 3 or 4 hours.
(In simple catarrhal diarrhea.)

R. Acute infantile.

Tannalin ........................ 2 dr.
Brandy .......................... 2 fl. dr.
Distilled Water ... to make 2 fl. oz.
Teaspoonful 4 to 6 times a day.
(In nurseries.)

R.

Bismuth Phosphate Soluble Merck. 30 to 60 min.
Syrup Popples .................. 3 fl. oz.
Distilled Water ... to make 4 fl. oz.
Teaspoonful every half to 1 hour, as needed.

R.

Deodor. Tinct. Opium .... 10 min.
Bismuth Subcarbonate. 90 grn.
Syr. Ginger .................. 6 fl. dr.
Chalk mixture ... to make 4 fl. oz.
Teaspoonful every 2 or 3 hours.
(For a child 1 year old, when stools are acid and green.)

R. Lithium Carbonate Merck 40 grn.
Sodium Arsenate Merck ... 1 grn.
Ext. Gentian .................. 20 grn.
Make into 20 pills.
One night and morning.

Diarrhea.—Too frequent movements of the bowels. (See also CHOLERA, DYSENTERY, and ENTERITIS.)

R. Acute infantile.

Resorcin Resubl. Merck 20 grn.
Bismuth Subnitrate ........... 2 fl. oz.
Tinct. Opium .................. 40 grn.
Water ..................... 80 to 60 ml
Teaspoonful every 2 hours. Shake bottle before using.

R.

Tinct. Opium .................. 5 min.
Arom. Syr. Rhubarb .... 2 fl. oz.
Chalk Mixture ... to make 2 fl. oz.
Teaspoonful every 2 hours. Shake bottle before using.

R. Chronic diarrahea.

Bismal .......................... 3 dr.
Garantose ..................... 3/4 grn.
Make 12 powders.
One powder 3 times daily, in barley gruel.

R.

Resorcin Resubl. Merck 30 grn.
Zinc Sulphate Merck .... 24 grn.
Powd. Opium .................. 24 grn.
Powd. Ipecac ................. 24 grn.
Make into 24 pills.
One 3 or 4 times daily.

R.

Bismuth Salicylate Merck 5 dr.
Dispense as 20 powders.
One 3 times a day.

R.

Ichthhalbin .................. 90 grn.
Tannalin ..................... 3 dr.
Powd. Opium ................. 10 grn.
Oil Cassia .................... 2 drops
Divide into 24 powders.
Two every 4 hours.
(Useful in tuberculous cases.)

OTHER REMEDIES GIVEN IN DIARRHEA:

Boric Acid, Camphoric Acid, Carbolie Acid, Gallocate, Lactic Acid, Nitric Acid, Nitrohydrochloric Acid, Salicylic Acid, Sulphuric Acid, Alum, Silver Nitrate, Betol, Bismuth Sul-gallate, Blackberry Root, Caljupol Oil, Calomel, Calumba, Camphor, Monobromated Camphor, Capsicum, Castor Oil, Cinnamon, Cloves, Copper Arsenite, Copper Sulphate, Corrosive Sublimate, Creosote, Eucalyptol, Gaduo, Nutgall, Geranium, Gualacol, Hematoxylon, Ichthoform, Iron Salts, Lead Salts, Magnesium Salts, Naphthalin, Naphtol, Nutmeg, Salicein, Salol, Thymol, Tannin, Tribromophenol.

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Diphtheria.—An infectious disease characterized by the formation of grayish white membranes on the mucous membrane, particularly of the throat.

R To combat sepsis:
- Methylene Blue Medicinal, Merck 5 grn.
- Milk Sugar Merck 4 dr.

Use by insufflation every 2 hours.

R
- Menthol Recryst. Merck 150 min.
- Toluene (Toluol) Merck 9 fl. dr.

Dissolve, and add:
- Creolin-Pearson 30 min.
- Solut. Iron Chloride 1 fl. dr.
- Alcohol 2 fl. oz.

Apply with fresh cotton swab every 3 hours for 4 or 5 days.

(Loeffler’s Solution.)

R To combat sepsis:
Diphtheria Antitoxin... sufficient
As prophylactic inject 200 to 250 antitoxic units into tissues of back. In ordinary attacks use 600 to 1000 units, in severe cases 1500 to 3000 units. Repeat in about 8 hours if necessary. Adults receive twice these doses.

OTHER REMEDIES USED IN DIPHTHERIA:
- Benzolic Acid, Salicylic Acid, Tartaric Acid, Aconite, Alcohol, Ammonium Chloride, Apropomorphine, Arsenic, Belladonna, Calomel, Chloral, Chlorine Water, Copper Sulphate, Creosote, Cubeb, Eucalyptol, Ferropyrine, Gustacum, Iron, Oxygen, Pilocarpine Hydrochlorate, Potassa, Sanguiaria, Sodium Benzoate, Sodium Hyposulphite, Strychnine, Sulphur, Tonics, Internally; Boric Acid, Carboxylic Acid, Hydrochloric Acid, Laetic Acid, Sulphurous Acid, Bromine, Calcium Balsam, Chlorinated Soda, Hydrogen Peroxide, Ichthyol, Iodine, Lime Water, Mercury Salts, Turpentine, Peppin, Potassium Chlorate, Quinine, Resorcin, Sassafras Oil, Tannin, Balsam Tolu, Tribromphenol, as spray, gargle or throat paint.

Dipsomania.—Intense craving for strong drink. See Alcoholism.

Dizziness.—See Vertigo.

Dropsy.—Edema. Effusion of fluid into the connective tissues or serous cavities of the body. (See also Nephritis.)

R To strengthen heart’s action:
- Strophanthin Merck ¼ grn.
- Digitalin “German” Merck 2 grn.
- Simple Elixir 4 fl. oz.

Teaspoonful 3 times daily.

(In cardiac dropsy with feeble or dilated heart.)

R To increase urination:
- Urophorin S. 150 grn.
- Vanillin 6½ grn.
- Syr. Acacia 1 fl. oz.
- Distilled Water to make 5 fl. oz.

Teaspoonful 3 or 4 times a day.

R To increase perspiration:
- Pilocarpine Hydrochlorate Merck 1 grn.
- Cinnamon Water 1 fl. oz.

Teaspoonful once or twice daily.

(In renal dropsy. Contraindicated in cardiac dropsy or pulmonary edema.)

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FORMULAS.

Dropsy.—Continued.

R To increase urination:
  Calomel ........................ 6 grn.
  Powd. Digitalis .................. 6 grn.
  Powd. Squill .................... 6 grn.
Make into 6 pills.
One 3 ti res daily.
(In ascites from hepatic changes.)

R
  Potassium Citrate 160 grn.
  Potass. Acetate 160 grn.
  Solut. Ammonium Acetate 2 fl. oz.
  Tinct. Digitalis  80 min.
  Syr. Citric Acid to make 4 fl. oz.
Dessertspoonful 4 times daily.

R
  Wine Colchicum Seed  4 fl. dr.
  Solut. Ammonium Acetate 20 fl. dr.
  Infusion Parsley Root  5 fl. oz.
Teaspoonful every 4 hours.
(In scarlatinai dropsy of children.)

R To increase urination:
  Elaterin Merck .................. 1 grn.
  Tinct. Squill ................. 4 fl. dr.
  Tinct. Colchicum ............... 4 fl. dr.
  Syrup .......................... 1 fl. oz.
Teaspoonful 3 or 4 times daily.
(In hepatic or cardiac dropsy in sthenic subjects.)

OTHER REMEDIES USED IN DROPSY:
Aconite, Apocynum, Chenopodium, Heliecbore, in scarlatinai dropsy; Ammonium Benzoate, Ammonium Chloride, Broom, Copaiba, in hepatic dropsy; Arsenic, Juniper, Levico Water, in cardiac dropsy; Arbutin, Bryonia, Cactus, Caffeine, Chlimaphila, Cimicifuga, Convallaria, Fuchline, Jaborandi, Magnesium Sulphate, Cream of Tartar, Potassium Iodide, Scopolin, Senega, Epsom Salt, in renal dropsy.

Dry Tetter.—See Psoriasis.

Duodenitis.—Inflammation of the duodenum.

R
  Salol Merck .................... 1 dr.
  Ichthalbin ...................... 3 dr.
Divide into 12 powders.
One 3 times daily.
As antiseptic and ataphillogistic.

R
  Sodium Phosphate "Superior, Merck" 1 oz.
Take at a dose, in water, in the morning.
(To relieve constipation.)

OTHER REMEDIES USED IN DUODENITIS:
Citric Acid, Nitrohydrochloric Acid, Arsenic, Bismuth, Calomel, Gold and Sodium Chloride, H drasits, Sanguinaria, Ipecac, Podophyllum, Potassium Dichromate, Rhubarb.

Dysentery.—Grandular inflammation of the large intestine and ileum, with bloody evacuations and great tenesmus.

R Acute:
  Copper Sulphate ................ ½ grn.
  Magnesium Sulphate ............. 1 oz.
  Dil. Sulphuric Acid ............. 1 fl. dr.
  Peppermint Water  to make 4 fl. oz.
Tablespoonful every 4 hours.

R
  Ergotin (Bonjean) Merck 20 grn.
  Ext. Nux Voulica .............. 5 grn.
  Ext. Opium ..................... 10 grn.
Make into 20 pills.
One every 4 hours.

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Dysentery.—Continued.

**Acute:**
- Todyform .................. 2 dr.
- Olive Oil .................. 3 fl. oz.

Inject tablespoonful into rectum every 4 to 6 hours. Keep on ice.

*(To relieve tenesmus.)*

**Amobic (epidemic, tropical):**
- Calomel ........................ 1 dr.
- Garantose .................... ½ grn.
- Powd. Starch ................ 2 dr.

Dispense as 8 powders. One 2 or 3 times daily.

**Lead Acetate** .................. 36 grn.
- Tinct. Opium ................ 3 fl. dr.
- Water .......................... 6 fl. oz.

Inject 2 tablespoonfuls into the rectum every 3 or 4 hours while evacuations are frequent.

**Chronic:**
- Tannalbin ..................... 1 oz.
- Ichthalbin ..................... 1 oz.
- Garantose ..................... 2 grn.

Divide into 30 powders.

One three times daily before meals.

**OTHER REMEDIES USED IN DYSENTERY:**
- Boric Acid, Carbolic Acid, GaIlic Acid, Tannin, Alum, Aluminium Acetate, Ammonium Chloride, Astral, Arnica, Arsenic, Baptista, Berberine, Bisnall, Bismuth Subgallate, Castor Oil, Corrosive Sublimate, Creosote, Hamamelis, Hydrogen Peroxide, Ipecac, Iron, Naphtol, Eucalyptus, Quinine, Strychnine, Tribromphenol, Turpentine Oil, Zinc Salts.

Dysmenorrhea.—Difficult or painful menstruation.

**Inflammatory:**
- Berberine Sulphate Soluble Merck .................. 15 grn.
- Tinct. Hydrastis ................ 150 min.
- Syr. Cinnamon ... to make 2 fl. oz.

Teaspoonful every 3 hours.

**Membranous:**
- Morphine Sulphate Merck .... 2 grn.
- Camphor Water ............ 5 fl. dr.
- Syrup .................. to make 2 fl. oz.

Teaspoonful every 3 hours.

**Neuralgic:**

Teaspoonful 3 times daily, for a few days before menstruating.

**Neuralgic:**
- Apol Merck .................. 2 fl. dr.
- Acetanilid .................. 40 grn.
- Chloroform .................. 30 min.
- Alcohol .................. to make 2 fl. oz.

Teaspoonful in water, every 2 or 3 hours.

**Chronic:**
- Silver Nitrate ................ 1 dr.
- Distilled Water ............... 1 fl. oz.

Add teaspoonful to 3 pints water, and with long colon tube and fountain syringe, introduce as far up as possible, once daily.

**Diphtheritic:**
- Dover’s Powder ................ 30 grn.
- Salol Merck .................. 30 grn.
- Bismuth Subnitrate ........... 4 dr.

Divide into 12 powders.

One every hour or two.

**Naphtalin Medicinal**
- Merck .................. 3 dr.
- Peppermint Oil Sugar .......... 2 dr.

Divide into 20 powders.

One every 3 hours.

**Neuralgic:**
- Antipyrine .................. 1 dr.
- Sodium Salicyl. Merck .......... 1 dr.
- Comp. Tinct. Opium ........... 3 fl. dr.
- Syr. Orange .................. to make 2 fl. oz.

Teaspoonful every hour or two until pain is relieved.

**Styptcin Merck** ............. 20 grn.
- Ext. Stramonium ........... 5 grn.
- Equequine .................. 40 grn.

Make into 20 pills.

One 3 times daily.

**Ovarian:**
- Ichthyol Merck ................. 1 fl. oz.
- Glycerin .................. 3 fl. dr.
- Water .................. to make 4 fl. oz.

Douche vagina with hot water, then apply pledgets of cotton soaked in this mixture as far up as they can be retained. Change every other day.

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This manual is a general compendium of the materia medica. Such articles as may be had of the Merck brand are especially so designated throughout the book. When ordering or prescribing these, please specify: Merck!
Dysmenorrhea.—Continued.

R Spasmodic:

Amylaceous:

Flatulent:

No.

2 fl. oz.

Amyl Nitrates Merck…… 1 fl. dr.

Inhale 5 drops from handkerchief.

(La severe pain.)

OTHER REMEDIES USED IN DYSMENORRHEA:

Atropine, Butyl-Chloral, Phenacetin, Codeine, Gelsemium, Gualacum, to relieve pain; Ergot, Gossypium, Quinine, in congestive cases; Camphor, Cannabis Indica, Cerium Oxalate, Ether, or Nux Vomica, in nervous cases; Hemol, Hemogallol, Iron, or Copper Arsenite, in anemic cases.

Dyspepsia (Indigestion).—Impaired or defective digestion. (See also Gastralgia.)

R Acid:

Papain Merck.............. 30 grn.
Solut. Ammonium Acetate........ 2 fl. oz.
Creosote Merck (Beechwood)......... 5 min.
Glycerin............... 2 fl. oz.

Two teaspoonfuls an hour after meals.

R Bismuth Subnitrate....... 6 dr.
Tinct. Belladonna........ 3 fl. dr.
Tinct. Ginger........ 2 fl. dr.
Magnesium Carbonate....... 3 dr.
Water................to make 3 fl. oz.

Teaspoonful an hour before eating. Shake well.

R Amylaceous:

Papain Merck.............. 3 dr.
Glycerin............... 12 fl. dr.
Sherry Wine........ 4 fl. oz.
Chloroform Water........ 8 fl. oz.

to make 8 fl. oz.

Teaspoonful an hour after meals.

R Colest.:

Resorcin Resinol Merck.. 7 grn.
Tinct. Nux Vomica...... 2 fl. dr.
Glycerin............... 4 fl. dr.
Water................to make 2 fl. oz.

Teaspoonful 3 times a day.

R Orexoids.................. No. 15.

Give one crushed in spoon with a little water, and follow immediately with half-tumblerful water, one hour before eating.

(Where loss of appetite coexists.)

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PART II. FORMULAS.

**Dyspepsia.**—Continued.

- **R. Flatulent:**
  - Bismuth Subnitrate: 2 dr.
  - Powd. Charcoal: 3 dr.
  - Garantose: 1 grn.
  - Divide into 12 powders.
  - One, half hour before meals.

- **R.**
  - Pepsin: 30 grn.
  - Pancreatin: 20 grn.
  - Charcoal: 1 dr.
  - Bismuth Subgallate: 1 dr.
  - Dispense as 12 powders.
  - One before meals.

- **R.**
  - Oleoresin Capsicum: 2 min.
  - Pancreatin: 20 grn.
  - Powd. Ginger: 20 grn.
  - Charcoal: 40 grn.
  - Creosote (Beechwood): 10 min.
  - Make into 20 pills.
  - One after eating.

- **R. Flatulent:**
  - Creosote (Beechwood)
  - Merck: 10 min.
  - Bismuth Subcarbonate: 2 dr.
  - Glycerin: 1 fl. oz.
  - Peppermint Water: 1 fl. oz.
  - Teaspoonful every 3 to 6 hours.

**OTHER REMEDIES USED IN DYSPEPSIA:**
Alcohol, Arsenic, Cardamom, Chamomile, Cinchona, Columbin, Ginger, Hops, Pulsatilla, Quassia, Quinine, Sanguinaria, Serpentine, Strychnine, Sulphur, Taraxacum, Xanthoxylum, as tonics: Carbolic Acid, Sulphurous Acid, Calomel, Chloroform, Eucalyptol, Hydrogen Peroxide, Mercury Bichloride, Naphthol Benzole, Silver Nitrate, Sodium Sulphocarbolate, as germicides.

**Dysphagia.**—Difficulty in swallowing due to nervous or hysterical spasm.

- **R.**
  - Iron, Quinine and Strychn.
  - Citrate: 1 dr.
  - Simple Elixir: 8 fl. oz.
  - Teaspoonful 3 times daily.

**Dyspnea.**—Difficulty of breathing. See Asthma.

**Dysuria.**—Strangury. Difficult or painful urination.

- **R. Excessive acidity:**
  - Potassium Bicarbonate: 4 dr.
  - Tinct. Hyoscyamus: 4 fl. dr.
  - Simple Elixir: to make 4 fl. oz.
  - Dessertspoonful every 3 hours.

- **R. Paralysis:**
  - Ergotin (Bonjean) Merck: 45 grn.
  - Strychnine Sulphate: 1/4 grn.
  - Spartheine Sulph. Merck: 3 grn.
  - Dispense in 15 capsules.
  - One 3 times daily.

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## Dysuria

**Strangury:**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monobrom. Camphor</td>
<td>30 grn.</td>
</tr>
<tr>
<td>Powd. Ext. Opium</td>
<td>15 grn.</td>
</tr>
<tr>
<td>Ext. Belladonna</td>
<td>5 grn.</td>
</tr>
</tbody>
</table>

Make into 15 pills.
One every 2 to 6 hours as required.

**OTHER REMEDIES USED IN DYSURIA:**

- Cannabis Indica
- Cantharides
- Chimaphila
- Conium
- Digitalis
- Gelsemium
- Hyoscyamus

## Earache

Pain in the ear. See Otalgia.

## Ecchymosis

Discoloration of the skin from extravasation of the blood. See Bruises.

## Eclampsia

An epileptiform seizure or convulsion. See Convulsions.

## Ecthyma

An eruption of hard-based pustules on the skin, with a line of inflammation visible around each.

### R

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solut. Lead Subacetate</td>
<td>1 fl. oz.</td>
</tr>
<tr>
<td>Tinct. Opium</td>
<td>1 fl. oz.</td>
</tr>
</tbody>
</table>

Add to 1 pint of water, and keep applied on soft cloths.

### R

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ichthyl Merck</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Zinc Oxide Merck</td>
<td>2 dr.</td>
</tr>
<tr>
<td>Lanum</td>
<td>1 oz.</td>
</tr>
<tr>
<td>Petrolatum</td>
<td>4 dr.</td>
</tr>
</tbody>
</table>

Apply freely on the eruptions.

**OTHER REMEDIES USED IN ECTHYMA:**

- Borax
- Chrysarobin
- Copper Salts
- Resorcin
- Boric Acid, locally
- Ichthalbin
- Quinine
- Levico Water
- Potassium Iodide
- Syrup Iron Iodide

## Eczema

A non-contagious skin disease with an eruption of small vesicles, redness and itching.

### Acute

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tannoform</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Powd. Starch</td>
<td>4 dr.</td>
</tr>
</tbody>
</table>

Use freely as a dusting powder.

### R

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ichthyl Merck</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Zinc Oxide Merck</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Lanum</td>
<td>5 dr.</td>
</tr>
<tr>
<td>Petrolatum</td>
<td>5 dr.</td>
</tr>
</tbody>
</table>

Apply night and morning.

### R

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salicylic Acid Merck</td>
<td>30 grn.</td>
</tr>
<tr>
<td>Zinc Oxide Merck</td>
<td>6 dr.</td>
</tr>
<tr>
<td>Starch</td>
<td>6 dr.</td>
</tr>
<tr>
<td>Lanum</td>
<td>1 oz.</td>
</tr>
<tr>
<td>Petrolatum</td>
<td>1 oz.</td>
</tr>
</tbody>
</table>

Apply night and morning.

### R

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resorcin Merck</td>
<td>20 grn.</td>
</tr>
<tr>
<td>Washed Sulphur</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Lanum</td>
<td>1 oz.</td>
</tr>
<tr>
<td>Lard</td>
<td>4 oz.</td>
</tr>
</tbody>
</table>

Use like preceding.

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**Eczema.**—Continued.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>Squamous:</strong></td>
<td><strong>Chronic:</strong></td>
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<tr>
<td>Apply freely, and cover with lint.</td>
<td><strong>Salicylic:</strong></td>
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<td></td>
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<tr>
<td>Apply regularly every night and morning. Put patient on regular course of Levico Water.</td>
<td><strong>Impetiginous:</strong></td>
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<tr>
<td>Apply freely</td>
<td><strong>Pimar:</strong></td>
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<tr>
<td>Apply freely</td>
<td><strong>Infantile:</strong></td>
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<tr>
<td>(In chronic indurated cases.)</td>
<td><strong>Palpebral:</strong></td>
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<tr>
<td>Apply freely</td>
<td><strong>Seborrhoeic:</strong></td>
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<tr>
<td>Apply freely</td>
<td><strong>General:</strong></td>
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<td>Apply freely</td>
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<tr>
<td>Embrocation. Begin with weak solution and gradually increase strength. (Used on hairy parts.)</td>
<td><strong>Palpebral:</strong></td>
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<tr>
<td>Apply freely</td>
<td><strong>Chronic circumscribed:</strong></td>
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<tr>
<td>Apply freely</td>
<td><strong>General:</strong></td>
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<tr>
<td>Embrocation. Begin with weak solution and gradually increase strength. (Used on hairy parts.)</td>
<td><strong>Chronic:</strong></td>
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<tr>
<td>Apply externally morning and night.</td>
<td><strong>Impetiginous:</strong></td>
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<tr>
<td>Apply freely</td>
<td><strong>Squamous:</strong></td>
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<tr>
<td>Apply freely</td>
<td><strong>Infantile:</strong></td>
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<td>(In chronic indurated cases.)</td>
<td><strong>Palpebral:</strong></td>
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<tr>
<td>Apply freely</td>
<td><strong>Seborrhoeic:</strong></td>
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<td>Apply freely</td>
<td><strong>General:</strong></td>
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FORMULAS.

Eczema.—Continued.

**R**

\[\begin{align*}
\text{Lanum} & \quad 5 \text{ dr.} \\
\text{Slippery Ointment} & \quad 3 \text{ dr.} \\
\text{Solut. Chlorinated Lime} & \quad 4 \text{ fl. dr.} \\
\text{Solut. Hydrogen Dioxide} & \quad 4 \text{ fl. dr.} \\
\text{Precipitated Sulphur} & \quad 90 \text{ grn.}
\end{align*}\]

Apply freely on vesicles.

**R**

\[\begin{align*}
\text{Oil Cade} & \quad 2 \text{ dr.} \\
\text{Lanum} & \quad 4 \text{ dr.} \\
\text{Tar Ointment} & \quad 6 \text{ dr.} \\
\text{Solut. Chlorinated Lime} & \quad 1 \text{ fl. oz.}
\end{align*}\]

Apply freely.

**R**

\[\begin{align*}
\text{Picric Acid} & \quad 3 \text{ grn.} \\
\text{Ether} & \quad \text{to dissolve} \\
\text{Lanum} & \quad 12 \text{ dr.}
\end{align*}\]

Apply freely morning and night.

**R**

\[\begin{align*}
\text{Bismuth Subgallate} & \quad 1 \text{ dr.} \\
\text{Lanum} & \quad 4 \text{ dr.} \\
\text{Cold Cream} & \quad 4 \text{ dr.}
\end{align*}\]

Apply night and morning on lint after drying parts with absorbent cotton.

OTHER REMEDIES USED IN ECZEMA:

Acetanilid, Ailol, Alkalies, Alum, Alun, Alumol, Silver Nitrate, Aristol, Arsenic, Bismuth, Black Wash, Calomel, Carmin, Cantharides, Choral, Cinchona, Cocaine, Cod-liver Oil, Copper Sulphate, Gadolin, Glaucic, Hamamelis, Iodoformogen, Lead Salts, Losophenic, Menthol, Mercury Salts, Naphthol, Potassium Iodide, Pyoktalin, Salol, Sulphur Iodide, Glycerite Tannin, Tar, Thymol, Zinc Salts.

Edema.—An accumulation of serous fluid in the connective tissue. See Dropsy.

Egyptian Plague.—See Plague, Bubonic.

Elephantiasis.—A chronic disease that attacks chiefly the skin, which it thickens and hypertrophies, and the lymphatics, which it obliterates. During its progress the lower limbs are usually swollen and misshapen, looking like the legs of elephants.

**R**

\[\begin{align*}
\text{Chaulmoogra Oil} & \quad 2 \text{ oz.} \\
\text{Ichthyol Merck} & \quad 1 \text{ oz.} \\
\text{Lanum} & \quad 1 \text{ oz.} \\
\text{Mercury Oleate} & \quad 1 \text{ dr.}
\end{align*}\]

Apply freely externally and bandage firmly to toes up.

OTHER REMEDIES USED IN ELEPHANTIASIS:

Arsenic, Cashew-nut Oil, Gurjun Oil, Iodine, Sarsaparilla.

Emissions.—Involuntary discharges of semen. See Spermatorrhoea.

Emphysema, Pulmonary.—An abnormal accumulation of air in the cellular tissue of the lungs. (See also Asthma.)

**R**

\[\begin{align*}
\text{Potassium Iodide} & \quad 1 \text{ dr.} \\
\text{Tinct. Hyoscyanus} & \quad 3 \text{ fl. dr.} \\
\text{Tinct. Cubebs} & \quad 2 \text{ fl. dr.} \\
\text{Elixir Calisaya} & \quad \text{to make} 2 \text{ fl. oz.}
\end{align*}\]

Teaspoonful every 2 or 3 hours, in milk.

**R**

\[\begin{align*}
\text{Comp. Spt. Ether} & \quad \text{fl. dr.} \\
\text{Potassium Iodide} & \quad 2 \text{ dr.} \\
\text{Ammon. Chloride} & \quad 2 \text{ dr.} \\
\text{Potass. Chlorate} & \quad 1 \text{ dr.} \\
\text{Comp. Tinct. Opium} & \quad 4 \text{ fl. dr.} \\
\text{Syr. Ipecac} & \quad 4 \text{ fl. dr.} \\
\text{Syr. Wild Cherry} & \quad \text{to make} 4 \text{ fl. oz.}
\end{align*}\]

Teaspoonful 3 times daily.

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Emphysema.—Continued.

**R**

Potassium Iodide .................. 1 dr.
Tinct. Belladonna ................. 1 fl. dr.
Comp. Spt. Ether .................. 1 fl. oz.
Magenie's Solution ............... 30 min.
Water ................................ to make 6 fl. oz.

Tablespoonful 3 times daily.

**R**

Eucaline ......................... 1 dr.
Caffeine Merck ................... 1 dr.
Dionin ............................ 10 grn.
Garantose ........................ ½ grn.
Dispense as 20 powders.
One 3 times daily.

**OTHER REMEDIES USED IN EMPHYSEMA:**

Empyema.—An accumulation of pus in the chest or other cavity of the body.

**R** 

Antiseptic washes:
Creolin-Pearson .................. 1 fl. oz.
Water ................................ to make 16 fl. oz.

Wash out cavity herewith, after evacuating pus.

**R**

Iodine .............................. 6 grn.
Potassium Iodide ................. 8 grn.
Distilled Water ................... 1 pint.

After evacuating pus, wash out cavity with this solution.

**R**

Respiratory stimulants:
Strychnine Sulphate ............. 1 grn.
Simple Elixir ..................... 4 fl. oz.

Teaspoonful every 4 hours.

**R**

Fl. Ext. Belladonna .............. 30 min.
Strychnine Sulphate ............. 1 grn.
Alcohol ............................ 1 fl. oz.
Syr. Orange ....................... to make 4 fl. oz.

Teaspoonful every 3 or 4 hours.

**R**

For anemia:
Eucaline .......................... 2 dr.
Arsenious Acid Merck ............ 1 grn.
Exsic. Iron Sulphate ............. 1 dr.

Make into 60 pills.
One after meals.

**OTHER REMEDIES USED IN EMPYEMA:**
Ammonium Acetate, Gadul, Ichthalbin, Quinine, internally; Carbolic Acid, Salicylic Acid, Carbolized Iodine, Chlorine Water, Creosote, Iodine, Iodoform, Iodoformogen, Pyoquin, for antiseptic treatment of cavity.

Endocarditis.—Inflammation of the lining membrane of the heart.

**R**

Acute:
Calomel ........................... 5 grn.
Milk Sugar Merck ................. 10 grn.

Take dry on tongue, in the morning, and follow with a sedlitz powder in 5 hours, if it does not act.

**R**

Morphine Hydrochlorate
Merck .............................. ¾ grn.
Calomel ........................... 16 grn.
Milk Sugar Merck ................. 20 grn.

Divide into 8 powders.
One 3 times daily.

**R**

Tinct. Aconite ..................... 12 min.
Chinamon Water .................. 3 fl. oz.

Teaspoonful every hour until heart is quieted, then every 3 hours.
(In sthenic cases, with bounding pulse.)

ENDOCRINE FORMULAS.

**R**

**S**

Strontium Iodide Merck ........ 4 dr.
Syrup ................................ 1 fl. oz.
Peppermint Water ................. to make 4 fl. oz.

Teaspoonful every 4 to 6 hours.

**R**

Rheumatic:
Sodium Salicyl. Merck .......... 2 dr.
Antipyrine ........................ 30 grn.
Wine Colchicum Seed ............. 1 fl. dr.
Peppermint Water to make 2 fl. oz.

Teaspoonful every 2 to 4 hours.

**R**

Ulcerative:
Iron and Quin. Citrate
Solute ............................. 1 dr.
Elixir Calisaya .................... 2 fl. oz.

Teaspoonful every 4 hours.

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Formulas.

Endocarditis.—Continued.

Other Remedies Used in Endocarditis:
Alkalies, Bryonia, Chloral, Digitalis, Lithium Citrate, Opium, Potassium Iodide, Veratrum Viride, Internally; Cantharides, Mustard, Capsicum, externally.

Endometritis.—Inflammation of the mucous membrane that lines the interior of the uterus.

R Internal treatment:
Stypticon Merck.............. 8 grn.
Elixir Calisaya.............. 1 fl. oz.

Teaspoonful every 3 or 4 hours.

R
Ergotin (Bonjean) Merck 90 grn.
Enquiline.................... 45 grn.
Ext. Taraxacum............... 1 dr.

Make 50 pills.
One every 3 or 4 hours.

R Local treatment:
Ergotin (Bonjean) Merck 20 grn.
Tinct. Iodine............. 1 fl. dr.
Glycerin........... to make 1 fl. oz.
Apply twice daily with camel's hair brush.
(In cervical metritis.)

Other Remedies Used in Endometritis:
Chromic Acid, Nitrile Acid, Alumum, Aristol, Calcium Bisulphate, Europhen, Formaldehyde, Mercuric Chloride, Hydrastinine Hydrochlorate, Iodoform, Iodoformogin, Iodoil, Methylen Blue.

Enteric Fever.—Fever due to the inflammation of Peyer's Glands. See Typhoid Fever.

Enteralgia.—Intestinal pain.

R
Morphine Sulphate Merck 1 grn.
Spt. Chloroform ............ 2 fl. dr.
Tinct. Belladonna........... 45 min.
Camphor Water to make 1 fl. oz.

Teaspoonful every 3 or 4 hours till relieved.

Other Remedies Used in Enteralgia:
Cannabis Indica, Potassium Bromide, Phenacetin, Antipyrine, Ginger, Menthol, Peppermint, Acetanilid, Salol, Cocaine Hydrochlorate.

Enteritis.—Intestinal Inflammation. (See also Cholera, Diarrhea, and Dysentery.)

R
Acute:
Bismuth Benzoate Merck 40 grn.
Salol Merck............ 24 grn.
Powd. Opium............ 6 grn.
Dispense as 8 powders. One every 2 to 4 hours, after bowels are freed from irritating material.

R
Acute:
Ichthyalin............ 1 dr.
Bismuth Subnitrate........ 2 dr.
For adults dispense as 8 powders; for children dispense as 16 powders.
One every 3 hours, after bowels have been cleared.

This manual is a general compendium of The Materia Medica. Such articles as may be had of the Merck brand are especially so designated throughout the book. When ordering or prescribing these, please specify: Merck!
PART II.

Enteritis.—Continued.

**Acute:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tannin...</td>
<td>2 dr.</td>
</tr>
<tr>
<td>Resorcin...</td>
<td>15 grn.</td>
</tr>
<tr>
<td>Glycerin...</td>
<td>1 fl. oz.</td>
</tr>
<tr>
<td>Cinnamon Water...</td>
<td>4 fl. oz.</td>
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</tbody>
</table>

Dessertspoonful every 3 or 4 hours. Shake well.

(For child 2 to 3 years.)

**Tubercular:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Dosage</th>
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</thead>
<tbody>
<tr>
<td>Tannin...</td>
<td>3 dr.</td>
</tr>
<tr>
<td>Ichthalbin...</td>
<td>2 dr.</td>
</tr>
<tr>
<td>Garasol...</td>
<td>1/4 grn.</td>
</tr>
</tbody>
</table>

Dispense as 24 powders. Two 3 times daily.

**Chronic:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Dosage</th>
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<tbody>
<tr>
<td>Lead Acetate...</td>
<td>20 grn.</td>
</tr>
<tr>
<td>Ext. Opium...</td>
<td>10 grn.</td>
</tr>
<tr>
<td>Resorcin...</td>
<td>30 grn.</td>
</tr>
</tbody>
</table>

Put into 10 capsules. One every 2 to 4 hours.

**Membranous:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Dosage</th>
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</thead>
<tbody>
<tr>
<td>Salol...</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Sodium Bicarbonate...</td>
<td>100 grn.</td>
</tr>
<tr>
<td>Sodium Benzoate...</td>
<td>100 grn.</td>
</tr>
<tr>
<td>Bismuth Salicyl...</td>
<td>100 grn.</td>
</tr>
</tbody>
</table>

Dispense in 20 powders. One every 4 hours, or 3 times daily.

**Obstructive:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Dosage</th>
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</thead>
<tbody>
<tr>
<td>Calomel...</td>
<td>10 grn.</td>
</tr>
<tr>
<td>Powd. Ext. Opium...</td>
<td>6 grn.</td>
</tr>
<tr>
<td>Enquinine...</td>
<td>15 grn.</td>
</tr>
<tr>
<td>Powd. Ext. Cascara...</td>
<td>15 grn.</td>
</tr>
</tbody>
</table>

Make 12 powders. One night and morning.

**Other Remedies Used in Enteritis:**

Aconite, Silver Nitrate, Arsenic, Calcium Salicylate, Castor Oil, Chlorine Water, Copper Arsenite, Copper Sulphate, Eudoxine, Ichthoform, Iron, Magnesium Sulphate, Naphthalin, Naphtol Benzoate, Sodium Nitrate, Turpentine Oil.

Enuresis.—See Incontinence of Urine.

Epididymitis and Orchitis.—Inflammation of the epididymis and testicles, respectively.

**Acute:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Dosage</th>
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<tbody>
<tr>
<td>Guaiacol Merck...</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Lanum...</td>
<td>1 oz.</td>
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</tbody>
</table>

Gently massage inflamed part with this ointment, then apply freely on cotton, which keep in place with suspensory bandage. Renew every other day.

After inflammation and pain have subsided—in about six days—apply:

**Chronic:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Dosage</th>
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<tbody>
<tr>
<td>Mercurial Ointment...</td>
<td>2 dr.</td>
</tr>
<tr>
<td>Belladonna Ointment...</td>
<td>2 dr.</td>
</tr>
<tr>
<td>Ichthyol Merck...</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Lanum...</td>
<td>2 dr.</td>
</tr>
</tbody>
</table>

Ointment.

**Gonorrheal:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Dosage</th>
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<tbody>
<tr>
<td>Potassium Iodide...</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Ichthyol Merck...</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Lanum...</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Oil Rose...</td>
<td>2 drops</td>
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</tbody>
</table>

Apply freely 2 or 3 times daily.

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Epididymitis.—Continued.

R Chronic: Ichthyl Merck 4 fl. dr.
Mercurial Ointment 4 dr.
Ext. Belladonna 24 grn.
Lanum 4 dr.
Cerate Lead Subacetate 4 dr.

Apply 2 or 3 times daily, and support scrotum with large suspensory.

OTHER REMEDIES USED IN EPIDIDYMIS:
Aconite, Potassium Iodide, Pulsatilla, internally; Collodion, Iodine, Naftalan, Silver Nitrate, externally.

Epilepsy.—Falling Sickness.—A disease of the nervous system in which the patient is suddenly and frequently seized with convulsions and loss of consciousness.

R In anemic subjects:

<table>
<thead>
<tr>
<th></th>
<th>1 dr.</th>
<th>1 oz.</th>
<th>6 fl. oz.</th>
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<tbody>
<tr>
<td>Hemol</td>
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<tr>
<td>Sodium Bromide</td>
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<tr>
<td>Anise Water</td>
<td>2 fl. oz.</td>
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<tr>
<td>Syrup</td>
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</table>

Tablespoonful noon and night. Shake well.

R In lowered arterial tension:

<table>
<thead>
<tr>
<th></th>
<th>2 dr.</th>
<th>90 grn.</th>
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<tbody>
<tr>
<td>Dried Suprenal Capsule Merck</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hemol</td>
<td></td>
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</tbody>
</table>

Put into 24 capsules. One 3 times daily, with bromides as in the following:

R

<table>
<thead>
<tr>
<th>Potassium Bromide</th>
<th>4 dr.</th>
<th>5 fl. dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Bromide</td>
<td>4 dr.</td>
<td></td>
</tr>
<tr>
<td>Fowler's Solution</td>
<td>30 min.</td>
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<tr>
<td>Peppermint Water</td>
<td></td>
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</tr>
<tr>
<td>Comp. Infusion Gentian</td>
<td>to make 4 fl. oz.</td>
<td></td>
</tr>
</tbody>
</table>

Tablespoonful 3 times daily.

R Menstrual:

| Antipyrine | 2 dr. | Orange-flower Water | 3 fl. oz. |

Tablespoonful 3 times a day, during and a few days before period.

R

| Antipyrine | 20 grn. | 1 fl. oz. |

Inject into nose, lukewarm, with nasal syringe. (Hot foot-bath and ice to back are useful adjuvants in severe nose-bleed.)

OTHER REMEDIES USED IN EPILEPSY:

Epistaxis.—Nose-bleed.

R Antipyrine | 20 grn. |
Water       | 1 fl. oz. |

Inject into nose, lukewarm, with nasal syringe. (Hot foot-bath and ice to back are useful adjuvants in severe nose-bleed.)

R Tannic Acid "Superior
er Merck" | 20 grn. |
Antipyrine  | 20 grn. |
Powd. Starch| 20 grn. |

Blow up nostrils, or introduce on pledgets of cotton.

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### Epistaxis.—Continued.

**R**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
</table>

### Erysipelas.—An acute febrile disease with inflamed skin due to the invasion of streptococci.

**R** **Constitutional treatment:**

- Acetanillid | 40 grn. | (To reduce fever.)
- Caffeine | 5 grn. |
- Sodium Bicarbonate | 40 grn. | Dispense as 10 powders. One or two.
- Ammonium Carbonate | 2 dr. | (As refrigerant.)
- Solut. Ammonium Acetate | 3 fl. oz. |
- Fl. Ext. Licorice | 1 fl. oz. | Two teaspoonfuls every 3 hours.
- Quinine Sulfate | 48 grn. | (As roborant.)
- Tinct. Iron Chloride | 2 fl. dr. | Teaspoonful every 3 hours.
- Syr. Licorice | to make 2 fl. oz. | (As roborant.)
- Picric Acid | 10 grn. | Ether to dissolve
- Distilled Water | 3 fl. oz. | Paint on 2 or 3 times daily.

### Erythema.—Roseola; Rose Rash.—A superficial redness of the skin due to mild inflammation.

**R** **Internal treatment:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quinine Sulfate</td>
<td>30 grn.</td>
</tr>
<tr>
<td>Water</td>
<td>to make</td>
</tr>
</tbody>
</table>

(The especially indicated in *erythema nodosum*.)

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ichthylbin Merck</td>
<td>2 dr.</td>
</tr>
<tr>
<td>Euquinine</td>
<td>24 grn.</td>
</tr>
<tr>
<td>Garantose</td>
<td>4 grn.</td>
</tr>
<tr>
<td>Dispense as 12 powders. One after meals.</td>
<td></td>
</tr>
</tbody>
</table>

### OTHER REMEDIES USED IN NOSE-BLEED:

- Acetanillid, Acetic Acid, Gallic Acid, Prichloracetic Acid, Aconite, Aristol, Arnica, Barium Chloride, Belladonna, Cocaline, Digitalis, Ergot, Erigeron, Europhen, Ferrophone, Iodole, Kramera, Lead Acetate, Turpentine Oil.

### Erysipelas:

**R** **Local treatment:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ichthyl Merck</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Vaselin</td>
<td>6 dr.</td>
</tr>
<tr>
<td>Lanum</td>
<td>6 dr.</td>
</tr>
<tr>
<td>After washing affected part with soap and water, rub this ointment into it once daily.</td>
<td></td>
</tr>
</tbody>
</table>

**R** **Local treatment:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resorcin Merck</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Ichthyl Merck</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Mercurial Ointment</td>
<td>1 oz.</td>
</tr>
<tr>
<td>Lanum</td>
<td>1 oz.</td>
</tr>
<tr>
<td>Anoint parts freely, cover with oiled silk or other impermeable material, and apply light dressing and bandage.</td>
<td></td>
</tr>
</tbody>
</table>

**R** **Local treatment:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resorcin Merck</td>
<td>2 dr.</td>
</tr>
<tr>
<td>Ichthyl Merck</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Lanum</td>
<td>1 oz.</td>
</tr>
<tr>
<td>Rub in every hour or two.</td>
<td></td>
</tr>
</tbody>
</table>

### OTHER REMEDIES FOR ERYSIPELAS:

- Benzoic Acid, Boric Acid, Carbolic Acid, Salicylic Acid, Collodion, Creolm, Iodine, Lead Acetate, Zinc Oxide, externally; Aconite, Alcohol, Belladonna, Calomel, Chloral, Creosote, Pilocarpine, Tartar Emetic, Salol, Internally.

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**FORMULAS.**

**Erythema.**—Continued.

OTHER REMEDIES FOR ERYTHEMA:
Hydrochloric Acid, Aconite, Belladonna, Rhus Toxicodendron, internally; Picric Acid, Alum, Bismuth Subgallate, Lead Acetate, Tanniform, Zinc Oxide, externally.

---

**Estivo-Autumnal Fever.**—Continuous malarial fever. See REMIT-TECT FEVER.

**Exanthematos Fevers.**—See MEASLES, SCARLET FEVER, TYPHOID FEVER, and other fevers with eruptions.

**Excoriations.**—See CHAFING.

**Exhaustion.**—Vital weakness with absence of desire to respond to stimulation. See DABILITY, IMPOTENCE, and NEURASTHENIA.

**Exophthalmos.**—Swelling and protrusion of the eye-ball usually due to goiter. See GOITER, Exophthalmic.

**Fainting.**—Sudden, short suspension of the heart causing loss of consciousness. See SYNCOPE.

**Falling Sickness.**—A disease of the nervous system with sudden convulsions and loss of consciousness. See EPILEPSY.

**False Pains.**—Pains occurring prior to labor that do not indicate progress in labor.

R

Dionin 2 grn.
Acetanilid 12 grn.
Antipyrine 20 grn.
Sodium Bicarbonate 12 grn.

Divide into 4 powders.
One as required (every 4 hours or so.)

OTHER REMEDIES FOR FALSE PAINS:
Chloroform, Ether, Opium, Morphine, Phenacetin, Sodium Salicylate, Triphenin.

---

**Famine Fever.**—See RELAPSING FEVER.

**Favus.**—A contagious skin disease confined principally to the scalp, and popularly known as "Scald-head."

R  To soften the crusts:  R  To kill the fungi:
Formaldehyde Medicinal 10 min.  Resorcin Merck 30 grn.
Olive Oil 8 fl. oz.  Tar Ointment 1 oz.

Keep crusts soaked until easily removable, then weaken solution.

Apply freely twice daily, after removal of crusts.

OTHER REMEDIES USED FOR FAVUS:
Boric Acid, Carbolic Acid, Salicylic Acid, Sulphurous Acid, Copper Oleate, Hydrogen Peroxide, Mercury Salts, Myrtol, Naphtol, Oil Cade, Potassium Bichromate, Potassium Sulphide.

---

**Felon.**—Paronychia.—Periosteal inflammation of the phalanx of a finger.

R

Ichthyol Merck 4 fl. dr.
Lanum 3 dr.
Vaselin 1 dr.

Apply freely 2 or 3 times daily.
(To abort in early stage.)

R

Solut. Lead Subacetate 1 fl. oz.
Thact. Opium 1 fl. oz.
Water 14 fl. oz.

Keep applied on saturated lint.
(In early stage.)

---

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156
FORMULAS.

Felon.—Continued.

\[ \text{R} \]
\[
\begin{align*}
\text{Iodine} & \quad 15 \text{ grn.} \\
\text{Potassium Iodide} & \quad 20 \text{ grn.} \\
\text{Water} & \quad 1 \text{ fl. oz.}
\end{align*}
\]
Apply with brush.
(In early stage.)

\[ \text{R} \]
\[
\begin{align*}
\text{Silver Nitrate} & \quad 40 \text{ grn.} \\
\text{Distilled Water} & \quad 4 \text{ fl. dr.}
\end{align*}
\]
Apply with brush two or three times daily.
(To abort in early stage.)

OTHER REMEDIES FOR FELON:

Fetor.—Offensive odor from some part of the body, usually due to bacteria. See Bromidrosis.

Fetor of Breath.—See Breath, Fetid.

Fever.—Bodily temperature above the normal. See the names of the various diseases called fevers: Yellow Fever, Scarlet Fever, etc.

Fissures.—Rhagades.—Painful slits or clefts in mucous membrane or skin.

\[ \text{R} \]
\[
\begin{align*}
\text{Acetanilid} & \quad 18 \text{ grn.} \\
\text{Ichthyol Merck} & \quad 20 \text{ min.} \\
\text{Ext. Opium} & \quad 6 \text{ grn.} \\
\text{Oil Theobroma} & \quad 2 \text{ dr.}
\end{align*}
\]
Make into 6 suppositories. Introduce 1 night and morning.

\[ \text{R} \]
\[
\begin{align*}
\text{Lead Acetate} & \quad 30 \text{ grn.} \\
\text{Iodoformogen} & \quad 30 \text{ grn.} \\
\text{Morphine Sulphate Merck} & \quad 1 \text{ grn.} \\
\text{Oil Theobroma} & \quad 2 \text{ dr.}
\end{align*}
\]
Make into 6 suppositories. Introduce 1 night and morning.

\[ \text{R} \]
\[
\begin{align*}
\text{Calomel} & \quad 4 \text{ grn.} \\
\text{Ext. Belladonna} & \quad 2 \text{ grn.} \\
\text{Powd. Opium} & \quad 2 \text{ grn.} \\
\text{Sambucus Ointment} & \quad 1 \text{ dr.}
\end{align*}
\]
Apply frequently.

\[ \text{R} \]
\[
\begin{align*}
\text{Nipples:} \\
\text{Comp. Tinct. Benzoin} & \quad 15 \text{ min.} \\
\text{Olive Oil} & \quad 2 \text{ fl. dr.} \\
\text{Lanum} & \quad 6 \text{ dr.}
\end{align*}
\]
Apply after nursing during first 2 or 3 weeks. (As preventive.)

\[ \text{R} \]
\[
\begin{align*}
\text{Ichthyol Merck} & \quad 1 \text{ fl. dr.} \\
\text{Oil Eucalyptus} & \quad 2 \text{ fl. oz.} \\
\text{Lanum} & \quad 2 \text{ dr.}
\end{align*}
\]
Apply after nursing, and wash off before again nursing.

\[ \text{R} \]
\[
\begin{align*}
\text{Ichthyol Merck} & \quad 2 \text{ fl. dr.} \\
\text{Lanum} & \quad 5 \text{ dr.} \\
\text{Glycerin} & \quad 3 \text{ fl. dr.}
\end{align*}
\]
Apply freely after nursing, and wash off before again nursing.

\[ \text{R} \]
\[
\begin{align*}
\text{Tongue:} \\
\text{Carbolic Acid Merck} & \quad 40 \text{ grn.} \\
\text{Tinct. Iodine} & \quad 2 \text{ fl. dr.} \\
\text{Glycerin} & \quad \text{to make} \quad 1 \text{ fl. oz.}
\end{align*}
\]
Apply to fissure several times daily.

Fistula.—A deep and tortuous ulcer sometimes arising in a large cavity.

\[ \text{R} \]
\[
\begin{align*}
\text{Formaldehyde Medicinal} & \quad 15 \text{ min.} \\
\text{Water} & \quad 1 \text{ pint.}
\end{align*}
\]
Inject once daily.

\[ \text{R} \]
\[
\begin{align*}
\text{Formaldehyde Medicinal} & \quad 5 \text{ min.} \\
\text{Solut. Hydrogen Peroxide} & \quad 8 \text{ fl. oz.}
\end{align*}
\]
Wash out fistula freely twice daily.

OTHER REMEDIES USED FOR FISSURES:
Collodion, Bismuth Olate, Iodoformogen, Iodole, Pyoktanin, Traumaticin, Boric Acid, Salicylic Acid, Eucalyptol.
FORMULAS.

Fistula.—Continued.

R Silver Nitrate 12 grn.
 Distilled Water 8 fl. oz.

Inject once daily.

OTHER REMEDIES USED IN FISTULA:
Bismuth Oxylodide, Chlorine Water, Ichthyol, Potassium Hydrate, Lead Acetate, Resorcin, Iodoformogen, Thymol, Camphor.

Flatulence.—An abnormal amount of gas in the intestinal tract.

R Naphtol Resubl. Merck 1 dr.
 Magnesium Carbonate 1 dr.
 Powd. Charcoal 1 dr.
 Garantoste 1/4 grn.
 Oil Peppermint 2 drops

Divide into 15 powders.
One before meals.

R Valdinol 4 fl. dr.
Ten to fifteen drops on sugar as required.

R Resorcin Resubl. Merck 20 grn.
 Salicylic Acid Merck 10 grn.
 Ichthalbin 40 grn.

Divide into 8 powders.
One an hour before meals.

OTHER REMEDIES USED FOR FLATULENCE:
Carbolic Acid, Sulphurous Acid, Alkalis, Asafetida, Belladonna, Benzo-
Naphtol, Bismuth Salts, Calcium Saccharate, Calumba, Camphor, Chloroform,
Creosote, Essential oils, Eucalyptol, Calomel, Nux Vomica, Capsicum, Pepper,
Strontium Bromide, Terebene, Turpentine Oil.

Freckles.—A pigmentary discoloration of the skin. See Chloasma.

Frost-Bite.—Numbing or destruction of bodily tissue by intense cold.
(See also Chilblains.)

R Powd. Camphor 45 grn.
 Lanum 4 dr.
 Hydrochloric Acid 20 min.
 Vaselin 4 dr.

Rub in at night.

R Ichthyol Merck 2 fl. dr.
 Powd. Camphor 80 grn.
 Lead Ointment 4 dr.

Apply freely once or twice daily, cover with cotton wool.

OTHER REMEDIES USED IN FROST-BITE:
Carbolic Acid, Tannic Acid, Boric Acid, Salicylic Acid, Creosote, Styrrax.

Furuncles.—See Boils.

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PART II. FORMULAS.

Galactorrhea.—Excessive flow of milk.

<table>
<thead>
<tr>
<th>Item</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Iodide</td>
<td>8 grn.</td>
</tr>
<tr>
<td>Iodine</td>
<td>8 grn.</td>
</tr>
<tr>
<td>Syr. Tolu</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Water</td>
<td>6 fl. dr.</td>
</tr>
</tbody>
</table>

Teaspoonful every hour, in water.

<table>
<thead>
<tr>
<th>Item</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atropine Sulphate Merck</td>
<td>½ grn.</td>
</tr>
<tr>
<td>Aulse Water</td>
<td>5 fl. oz.</td>
</tr>
</tbody>
</table>

Teaspoonful 2 or 3 times daily, until mouth becomes dry; then reduce dose.

<table>
<thead>
<tr>
<th>Item</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Powd. Camphor</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Lanum</td>
<td>2 oz.</td>
</tr>
</tbody>
</table>

Apply freely to breasts.

OTHER REMEDIES FOR GALACTORRHEA:
Cocaine, Belladonna, Camphoric Acid, Menthol, Hyoscyamus, Stramonium, Hyoscine Hydrochlorate, Oil Citronella.

Gall Stones.—Biliary Calculus. See Calculi, Biliary.

Gangrene.—Phagadenia.—Mortification of any soft tissue of the body.

<table>
<thead>
<tr>
<th>Item</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thiool</td>
<td>3 dr.</td>
</tr>
<tr>
<td>Syr. Orange</td>
<td>1 fl oz.</td>
</tr>
<tr>
<td>Simple Elixir</td>
<td>2 fl oz.</td>
</tr>
</tbody>
</table>

Teaspoonful 3 times daily, gradually increased to 2 or 3 times this amount.

<table>
<thead>
<tr>
<th>Item</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creosote (Beechwood) Merck</td>
<td>30 min.</td>
</tr>
<tr>
<td>Alcohol</td>
<td>1 fl oz.</td>
</tr>
<tr>
<td>Glycerin</td>
<td>6 fl oz.</td>
</tr>
<tr>
<td>Water</td>
<td>to make 8 fl oz.</td>
</tr>
</tbody>
</table>

Tablespoonful 3 times daily.

<table>
<thead>
<tr>
<th>Item</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salicylic Acid Merck</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Boric Acid</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Tannform</td>
<td>4 dr.</td>
</tr>
</tbody>
</table>

Use as dusting-powder, 3 times daily.

<table>
<thead>
<tr>
<th>Item</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Permanganate</td>
<td>1 oz.</td>
</tr>
<tr>
<td>Distilled Water</td>
<td>2 pints.</td>
</tr>
</tbody>
</table>

Use freely as a wash 3 times daily.

<table>
<thead>
<tr>
<th>Item</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Bicarbonate</td>
<td>5 dr.</td>
</tr>
<tr>
<td>Resorcin Merck</td>
<td>20 grn.</td>
</tr>
<tr>
<td>Menthol Merck</td>
<td>2 grn.</td>
</tr>
<tr>
<td>Alcohol</td>
<td>4 fl. dr.</td>
</tr>
</tbody>
</table>

Peppermint Water to make 4 fl oz.

Tablespoonful every ½ to 1 hour.

<table>
<thead>
<tr>
<th>Item</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bismuth Subnitrate</td>
<td>50 grn.</td>
</tr>
<tr>
<td>Magnesium Carbonate</td>
<td>30 grn.</td>
</tr>
<tr>
<td>Dil. Hydroycyanic Acid</td>
<td>10 min.</td>
</tr>
<tr>
<td>Water</td>
<td>4 fl oz.</td>
</tr>
</tbody>
</table>

Dessertspoonful per dose, for child of 3 years.

OTHER REMEDIES FOR GANGRENE:
Carbolic Acid, Citric Acid, Nitric Acid, Charcoal, Poultices, Chlorine Water, Eucalyptol, Camphor, Myrtol, Potaesa, Resorcin, Oil Turpentine, Zinc Chloride.

Gastralgia.—Gastrodynia.—Pain in the stomach. (See also Dyspepsia.)

<table>
<thead>
<tr>
<th>Item</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Bicarbonate</td>
<td>5 dr.</td>
</tr>
<tr>
<td>Resorcin Merck</td>
<td>20 grn.</td>
</tr>
<tr>
<td>Menthol Merck</td>
<td>2 grn.</td>
</tr>
</tbody>
</table>

Alcohol 4 fl. dr.

Peppermint Water to make 4 fl oz.

Tablespoonful every ½ to 1 hour.

<table>
<thead>
<tr>
<th>Item</th>
<th>Dosage</th>
</tr>
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<tbody>
<tr>
<td>Bismuth Subnitrate</td>
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<td>30 grn.</td>
</tr>
<tr>
<td>Dil. Hydrocyanic Acid</td>
<td>10 min.</td>
</tr>
<tr>
<td>Water</td>
<td>4 fl oz.</td>
</tr>
</tbody>
</table>

Dessertspoonful per dose, for child of 3 years.

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Gastraiga.—Continued.

\[ R \]
From Gastric ulcer:

- Codeine Merck \( \frac{1}{5} \) grn.
- Atropine Sulfate Merck \( \frac{1}{5} \) grn.
- Aconitine Potent Merck \( \frac{1}{5} \) grn.
- Ext. Cannabis Indica \( \frac{1}{5} \) grn.

Make into 20 pills.
One every 2 hours while pain lasts.
Give Levico Water at meal time, to assist metabolism.

\[ R \]
Doln........... 5 grn.
Bismuth Subnitrate.....150 grn.

Divide into 10 powders.
One powder several times daily.

\[ R \]
Hysteric:
Zinc Valerianate Merck \( \frac{1}{5} \) grn.
Quinine Valerianate Merck \( \frac{1}{5} \) grn.
Iron Arsenate Merck \( \frac{1}{5} \) grn.

Make into 18 pills.
One after each meal.

\[ R \]
Valiod............. 4 fl. dr.

Ten to fifteen drops on sugar as required.

OTHER REMEDIES FOR GASTRALGIA:
Acetanilid, Carbolic Acid, Salicylic Acid, Bismuth Salts, Bromides, Cerium Oxalate, Cerussate, Ergot, Ether, Ferropryine, Magnesium Oxide, Nitroglycerin, Opium, Pepsin, Quinine, Resorcin, Silver Salts, Sodium Salicylate, Strontium Bromide, Strychnine, Zinc Oxide.

Gastric Catarrh.—See Gastritis.

Gastric Dilatation.—Enlargement of the stomach, with weakened muscular coats.

\[ R \]
Strychnine Sulphate \( \frac{1}{5} \) grn.
Pepsin 1 dr.
Carbolic Acid Merck 10 grn.
Dil. Hydrochloric Acid 2 fl. dr.
Water to make 2 fl. oz.

Teaspoonful in water through tube, after each meal.

\[ R \]
Ext. Physostigma 4 grn.
Strychnine Sulphate 1 grn.
Aloin Merck 12 grn.
Ext. Gentian 30 grn.

Make into 24 pills.
One after meals.
(To increase gastric mobility and overcome constipation.)

Gastric Pain.—See Gastralgia.

Gastric Ulcer.—An open sore within the stomach.

\[ R \]
For hemorrhage:

- Stryplicin Merck 10 grn.
- Antipyrine 40 grn.
- Simple Elixir 1 fl. oz.

Teaspoonful every 2 or 3 hours as needed.

\[ R \]
For hemorrhage:

- Tannic Acid "Superior" Merck 2 dr.
- Powd. Alum 1 dr.
- Garantose \( \frac{1}{5} \) grn.

Divide into 16 powders.
Two every 15 minutes till bleeding ceases, followed by water.
Gastric Ulcer.—Continued.

To heal:
- Resorcin, Merck... 1 dr.
- Silver Nitrate... 6 grn.
- Ext. Hyoscyamus... 30 grn.

Make 24 pills.
One 3 times daily, 1 hour before meals.

With hyperacidity:
- Sodium Bicarbonate... 2 dr.
- Bismuth Subcarbonate... 1 dr.
- Magnesia... 2 dr.
- Dionin... 6 grn.

Dispense as 24 powders.
Two 3 times daily, before meals.

Formulas.

If with hyperacidity:
- Sodium Bicarbonate... 2 grn.
- Bismuth Subcarbonate... 1 grn.
- Magnesia... 2 grn.
- Dionin... 6 grn.

Dispense as 24 powders.
Two 3 times daily, before meals.

OTHER REMEDIES FOR GASTRIC ULCER:
- Carbolic Acid, Gallic Acid, Arsenic, Atropine, Indian Hemp, Charcoal, Chloroform, Codeine, Creosote, Hydrogen Dioxide, Lead Acetate, Lime Water, Mercury Salts, Methylene Blue, Morphine, Opium, Potassium Iodide, Silver Nitrate, Sodium Phosphate, Turpentine, Zinc Sulphocarbonate.

Gastritis.—Gastric Catarrh.—Inflammation of the mucous membrane of the stomach.

Acute:
- Thymol, Merck... 8 grn.
- Boric Acid... 4 grn.
- Warm Water... 1 pint.

Evacuate stomach with a tube, cleansing it well with warm water, then wash out with this solution. A few ounces retained will do no harm.

Chronic catarrhal:
- Resorcin, Merck... 30 grn.
- Tinct. Opium... 30 min.
- Syr. Orange... 4 fl. dr.
- Distilled Water... 1 fl. oz.

Teaspoonful one-half hour before meals, in water.

OTHER REMEDIES FOR GASTRITIS:
- Hydrocyanic Acid, Tannic Acid, Bismuth Salts, Antropine, Cinchona, Hydastis, Ipecac, Lead Acetate, Morphine, Silver Nitrate, Calcium Salicylate, Strontium Bromide, Zinc Oxide, Zinc Sulphate.

Gastrodynia.—See Gastralgia.

Gastrorrhea.—See Pyrosis.

This manual is a general compendium of the materia medica. Such articles as may be had of the Merck brand are especially so designated throughout the book. When ordering or prescribing these, please specify: Merck.
FORMULAS.

PART II.

Gingivitis.—Inflammation of the gums.

\[ R \]
- Salol Merck ............. 15 grn.
- Spt. Peppermint ........... 10 fl. dr.
- Tinct. Catechu ............ 1 fl. dr.

Teaspoonful in half-glass warm water, as mouth-wash.

\[ R \]
- Potassium Chlorate ........... 40 grn.
- Tinct. Myrrh ............. 2 fl. dr.
- Garantose Soluble ........... 2 fl. dr.
- Camphor Water to make 4 fl. oz.

Use as mouth-wash every 2 hours.

Glandular Enlargement.—A popular expression for inflammation and swelling of the lymphatic glands.

\[ R \] Externally:
- Ichthyol Merck .......... 2 fl. dr.
- Mercurol Ointment ...... 2 dr.
- Belladonna Ointment ... 2 dr.
- Iodine Ointment ......... 2 dr.

Apply freely.

\[ R \] Ichthyol Merck .......... 2 fl. dr.
- Vaseolin .............. 5 dr.
- Lanun ............... 5 dr.

Apply freely over the swollen glands. Give Levico Water internally.

Gleum.—Chronic specific urethritis. See URETHRITIS, Gonorrhoea.

Glaucoma.—Hardness of the eye-ball and progressive blinding from great pressure in the eye.

\[ R \]
- Eserine Sulphate Merck $\frac{1}{2}$ grn.
- Cocaine Hydrochlorate Merck ......... 6 grn.
- Distilled Water .......... 1 fl. oz.

A drop in eye every 1-2 hours.
(During acute attack, combined with leeching and warm fomentations.)

\[ R \]
- Arecoline Hydrobromate Merck .......... 5 grn.
- Pilocarpine Hydrochlorate Merck ....... 14 grn.
- Distilled Water .......... 1 fl. oz.

A drop in eye several times daily. (In chronic cases.)

OTHER REMEDIES FOR GINGIVITIS:
- Alum, Borax, Boric Acid, Resorcin, Lead Acetate, Thymol, Menthol.

OTHER REMEDIES FOR GLEUM:
- Atropine, Duboisine, Quinine.

OTHER REMEDIES FOR ENLARGED GLANDS:
- Carbolic Acid, Ammoniacum Plaster, Iodine, Iodoform, Iodoformogen, Creolin, externally; Arsenic, Belladonna, Cadmium Chloride, Calcium Chloride, Calcium Sulphide, Conium, Creosote, Gualacum, Iodides, Mercurials, Pilocarpine, Valerian, internally.

OTHER REMEDIES FOR GLAUCOMA:
- Atropine, Duboisine, Quinine.

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Glossitis.—Inflammation of the tongue.

R

Boric Acid
Glycerin
Water

50 grn.
4 fl. dr.
to make 4 fl. oz.

Use as mouth-wash. Give saline purgatives.

R

Tannic Acid “Superior, Merck”
Ichthyol Merck
Glycerin

10 grn.
2 fl. dr.
6 fl. dr.

Paint inflamed points several times daily.

Glycosuria.—Sugar in the urine. See Diabetes Mellitus.

Goiter.—Graves’ Disease.—Enlarged or swollen thyroid gland.

Simple:

R

Sodium Cacodylate Merck
Hum
Syrup
Peppermint Water

90 grn.
6 fl. dr.
4 fl. dr.
2 fl. oz.

Teaspoonful after meals, for about a fortnight. Discontinue for few days, then resume treatment.

R

Strychnine Sulphate
Iron Arsenate Merck
Ergotin (Bonjean) Merck
Ext. Digitalis

1/4 grn.
2 grn.
40 grn.
4 grn.

Make into 24 pills.
One after meals. Continue for months.

R

Thyroidin Merck
Dried Suprarenal Capsule Merck

30 grn.
90 grn.

Put into 20 capsules.
One to 2 after meals.
Particularly indicated where there is lowered arterial tension.

R

Exophthalmic: Strontium Bromide Merck
Strontium Iodide Merck
Syrup
Peppermint Water to make 3 fl. oz.

90 grn.
3 dr.
6 fl. dr.

Teaspoonful 3 times daily.

OTHER REMEDIES FOR GOITER:

Ammonium Chloride, Gaduoil, Iron Chloride, Iodine, Iodothyine, Potassium iodide, Potassium iodide, Strophantus.

Morhea.—A specific inflammation due to the presence of gonococci. For gonorrheal affections of various parts of the body see Conjunctivitis, Urethritis, and Vaginitis.

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FORMULAS.

Gout.—Podagra.—A disease characterized by painful inflammation of joints, and particularly those of the great toes.

**Acute:**
- Lithium Benzoate Merck, 40 grn.
- Cinnamon Water
  - Teaspoonful in wineglassful of water every 4 hours.

**Chronic:**
- Ichthalin Tablets Merck
  - 5 grn.
  - No. 100
  - One to 3 tablets before meals.

**For dysuria:**
- Benzoic Acid Merck
  - 40 grn.
- Sodium Borate
  - 45 grn.
- Syr. Orange
  - 1 fl. oz.
- Water
  - 7 fl. oz.
  - Two teaspoonfuls every 2 hours.

**For insomnia:**
- Potassium Bromide
  - 20 grn.
- Tinct. Hyoscymus
  - 30 min.
- Tinct. Lupulin
  - 1 fl. dr.
- Camphor Water
  - 1 fl. oz.
  - Take at a dose at bedtime.

**For local use:**
- Ichthyol Merck
  - 2 fl. dr.
- Belladonna Ointment
  - 4 dr.
- Lanum
  - 2 dr.
  - Rub in thickly, cover with cotton wool, and bandage firmly.

**For vesical:**
- Lithium Carbonate Merck
  - 2 dr.
- Wintergreen Water
  - 3 fl. oz.
  - Apply freely on lint.

**OTHER REMEDIES FOR GOUT:**
- Saliylic Acid, Carbonic Acid, Arsenous Acid, Aconite, Alkalies, Ammonium Benzoate, Antipyrine, Chloral, Cod-liver Oil, Colchicine, Colocynth, Ether, Euphine, Glycerinophosphates, Hydrogen Sulphide, Levico Water, Magnesia Phosphate, Quinine, Strontium Salts, Tetraethyl-ammonium Hydroxide, Internally; Chloroform, Iodine, Iodoform, Potassium Sulphide, Veratrum Ointment, externally.

**Granulations, Exuberant.**—Excess of new tissue-formation on wound.

Treated by the local application of Chronic Acid, Copper Sulphate, Silver Nitrate, or Zinc Chloride.

**Gravel.**—A popular name for urethral calculi. See *Calcoli, Renal and Vesical.*
PART II.

**Graves' Disease.**—See Goiter.

**Gripping.**—A lay name for colic. See Colic.

**Grippe.**—The French name for influenza. See Influenza.

**Green Sickness.**—The lay name for Chlorosis. See Chlorosis.

**Gums, Inflamed.**—See Gingivitis.

**Gum Rash.**—See Strophulus.

**Hair, Falling of.**—See Alopecia.

**Hay Fever.**—A type of asthma common in the autumn. See Asthma: Hay Asthma.

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**Headache.**—Cephalalgia.—Pain in the head.

### Biliax

<table>
<thead>
<tr>
<th>R</th>
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</thead>
<tbody>
<tr>
<td>Calomel</td>
<td>2 grn.</td>
<td></td>
</tr>
<tr>
<td>Sodium Bicarbonate</td>
<td>12 grn.</td>
<td></td>
</tr>
<tr>
<td>Caffeine Merck</td>
<td>2 grn.</td>
<td></td>
</tr>
</tbody>
</table>

Dispense as 8 powders. One every half hour till they operate.

### Malarial

<table>
<thead>
<tr>
<th>R</th>
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</thead>
<tbody>
<tr>
<td>Methylene Blue Medicinal, Merck</td>
<td>40 grn.</td>
<td></td>
</tr>
<tr>
<td>Euquinine</td>
<td>100 grn.</td>
<td></td>
</tr>
<tr>
<td>Powd. Nutmeg</td>
<td>30 grn.</td>
<td></td>
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</tbody>
</table>

Put into 20 capsules. One 4 times daily.

### Migraine (Hemicrania):

<table>
<thead>
<tr>
<th>R</th>
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<tbody>
<tr>
<td>Euquinine</td>
<td>30 grn.</td>
<td></td>
</tr>
<tr>
<td>Powd. Belladonna</td>
<td>10 grn.</td>
<td></td>
</tr>
<tr>
<td>Ext. Digitalis</td>
<td>15 grn.</td>
<td></td>
</tr>
<tr>
<td>Ext. Valerian</td>
<td>30 grn.</td>
<td></td>
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</tbody>
</table>
| Honey          |          | to make 40 pills. Two to 10 daily (gradually increased), during 3 or 4 days before expected attack.

### Aconitine Potent Merck

<table>
<thead>
<tr>
<th>R</th>
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<tbody>
<tr>
<td>Dionin</td>
<td>8 grn.</td>
<td></td>
</tr>
<tr>
<td>Alcohol</td>
<td>1 fl. dr.</td>
<td></td>
</tr>
<tr>
<td>Glycerin</td>
<td>1 fl. dr.</td>
<td></td>
</tr>
<tr>
<td>Peppermint Water</td>
<td></td>
<td></td>
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</tbody>
</table>

Teaspoonful 3 times daily.

### Triphenin

<table>
<thead>
<tr>
<th>R</th>
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</thead>
<tbody>
<tr>
<td>Caffeine Merck</td>
<td>8 grn.</td>
<td></td>
</tr>
<tr>
<td>Garantose</td>
<td>1/4 grn.</td>
<td></td>
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</tbody>
</table>

Dispense as 8 powders. One every 4 hours.

### Butyl-Choral Hydrate, Merck

<table>
<thead>
<tr>
<th>R</th>
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<tbody>
<tr>
<td>Tinct. Gelsemium</td>
<td>30 min.</td>
<td></td>
</tr>
<tr>
<td>Tinct. Cannabis Indica</td>
<td>15 min.</td>
<td></td>
</tr>
<tr>
<td>Glycerin</td>
<td>4 fl. dr.</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>to make 3 fl. oz.</td>
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</table>

Two tablespoonfuls every half hour until relieved.

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**Nervous:**

<table>
<thead>
<tr>
<th>R</th>
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<tbody>
<tr>
<td>Strychnine Sulphate</td>
<td>1/4 grn.</td>
<td></td>
</tr>
<tr>
<td>Dil. Nitrohydrochloric Acid</td>
<td>2 fl. dr.</td>
<td></td>
</tr>
<tr>
<td>Spt. Chloroform</td>
<td>6 fl. dr.</td>
<td></td>
</tr>
<tr>
<td>Tinct. Ginger</td>
<td>3 fl. dr.</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>to make 3 fl. oz.</td>
<td></td>
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</tbody>
</table>

Teaspoonful in water 3 times daily.

### Ext. Nux Vomica

<table>
<thead>
<tr>
<th>R</th>
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<tbody>
<tr>
<td>Zinc Phosphide Merck</td>
<td>8 grn.</td>
<td></td>
</tr>
<tr>
<td>Euquinine</td>
<td>10 grn.</td>
<td></td>
</tr>
</tbody>
</table>

Make into 30 pills. One after each meal.

### Potassium Bromide

<table>
<thead>
<tr>
<th>R</th>
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<tbody>
<tr>
<td>Sodium Arsenate Medicinal, Merck</td>
<td>1/6 grn.</td>
<td></td>
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</tbody>
</table>

Make into 24 lightly compressed tablets. Two every 4 hours till relieved.

### Zinc Phosphide Merck

<table>
<thead>
<tr>
<th>R</th>
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<tbody>
<tr>
<td>Ext. Nux Vomica</td>
<td>10 grn.</td>
<td></td>
</tr>
<tr>
<td>Ext. Taraxacum</td>
<td>30 grn.</td>
<td></td>
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</tbody>
</table>

Make into 30 pills. One after each meal.

### Antipyrine

<table>
<thead>
<tr>
<th>R</th>
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<tbody>
<tr>
<td>Monobrom. Camphor, Merck</td>
<td>24 grn.</td>
<td></td>
</tr>
<tr>
<td>Euquinine</td>
<td>1 dr.</td>
<td></td>
</tr>
<tr>
<td>Ext. Hyoscyamus</td>
<td>6 grn.</td>
<td></td>
</tr>
</tbody>
</table>

Dispense in 12 capsules. One every 4 hours.

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**Neuralgic:**

<table>
<thead>
<tr>
<th>R</th>
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<tbody>
<tr>
<td>Monobrom. Camphor, Merck</td>
<td>24 grn.</td>
<td></td>
</tr>
</tbody>
</table>

Dispense in 24 capsules. One or two every 4 hours.

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165
HEADACHE.—Continued.

R. **Neuralgic:**

Antipyrine ........................................ 2 dr.
Butyl-Choral Hydrate ............................... 2 dr.
Merk .................................................. 2 dr.
Syrup Ginger ........................................ 2 fl. oz.
Water .............................................. 1 fl. oz.

Teaspoonful every 2 to 4 hours.

R. **Rheumatic and gouty:**

Antipyrine ........................................... 30 grn.
Sodium Salicylate Merck ......................... 1 dr.
Cinnamon Water ..................................... 1 fl. oz.

Teaspoonful every hour till relieved.

R. **Quinine Valerianate Merck:**

Ext. Colchicum ..................................... 4 grn.
Ext. Digitalis ....................................... 4 grn.
Ext. Aconite ........................................ 2 grn.

Make into 10 pills.

One at night and after dinner.

R. **Rheumatic:**

Ichthyl Merck ........................................ 2 fl. dr.
Chloroform .......................................... 3 fl. dr.

Rub in 2 or 3 times daily.

(Good also for **neuralgic pain**.)

**OTHER REMEDIES FOR HEADACHE:**

Acetanilid, Hydrobromic Acid, Salicylic Acid, Aconite, Aloin, Aromatic Spirit Ammonia, Ammonium Valerianate, Arsenic, Atropine, Belladonna, Bismuth Valerianate, Indian Hemp, Ergot, Erythrol Tetranitrate, Ether, Ferroprine, Gelsemium, Guarana, Ignatia, Iodides, Kola, Morphine, Paraldehyde, Phenacetin, internally; Cajuput Oil, Mustard, Menthol, Ether, Ammonia, locally.

**Heart-Burn.**—A burning sensation, with regurgitation of water from the stomach. See Pyrosis.

**Heart-Disease.**—Disturbances and pathological conditions of the chief organ of circulation.

R. **Degeneration:**

Tinct. Strophantus ................................. 90 drops
Iron and Quin. Citrate Soluble .................. 40 grn.
Simple Elixir to make 2 fl. oz.

Teaspoonful 3 times daily.

R. **Dilatation:**

Digitoxin Merck .................................... 1/2 grn.
Chloroform .......................................... 40 drops
Alcohol to make 2 fl. oz.

Teaspoonful in 3 or 4 tablespoonfuls

Water 3 times daily.

R. **With arterial sclerosis:**

Sparteine Sulphate Merck ........................ 15 grn.
Potassium Iodide .................................. 15 grn.
Water .............................................. 3 fl. oz.
Syrup Orange ....................................... 1 fl. oz.

To be taken in the course of a day.

Endocarditis: see ENDOCARDITIS.

**PART II.**

R. **Syphilitic:**

Yellow Mercury Iodide .......................... 5 grn.
Ext. Lappa (Alcoholic) ......................... 1 dr.

Make into 20 pills.

One after meals.

R. **Uremic:**

Potassium Citrate ................................ 4 dr.
Infus. Scoparius .................................... 12 fl. oz.

Wineglassful 3 times daily.

R. **Potass. Acetate** ............................. 2 dr.
Digitalin **German** Merck ....................... 1/2 grn.
Peppermint Water ................................. 4 fl. oz.

Teaspoonful every 2 hours.

**Enfeeblement:**

Digitoxin Merck .................................... 1/2 grn.
Alcohol .............................................. 4 fl. dr.

Syrup to make 3 fl. oz.

Dissolve digitoxin in alcohol, and add syrup.

Small teaspoonful in water 3 times daily, at intervals of 4 to 8 hours.

R. **Adonidin Merck** .............................. 2 grn.
Sparteine Sulphate Merck ......................... 6 grn.
Water .............................................. 2 fl. oz.
Syr. Orange ......................................... 1 fl. oz.

Teaspoonful 3 times daily.

(Useful where digitalis fails.)

R. **Failure:**

Spt. Glonoin (1 per cent.) ....................... 34 min.
Tinct. Nux Vomica ................................. 1 fl. dr.
Tinct. Digitalis ..................................... 2 fl. dr.
Tinct. Cardamom to make ......................... 3 fl. oz.

Teaspoonful in water every 6 hours.

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Heart Disease.—Continued.

**R Hypertrophy:**

Potassium Nitrate .... 2 dr.
Infus. Digitalis ....... 7 fl. oz.
Tinct. Aconite ....... 15 min.
Dil. Hydrocyanic Acid, 15 min.
Syr. Orange .......... to make 8 fl. oz.

Tablespoonful every 2 hours.

**R Insufficiency:**

Caffeine Merck .... 1 dr.
Strychnine Sulphate .... 3 grn.
Spartelne Sulphate Merck .... 2 grn.
Put into 12 capsules.
One every 3 or 4 hours.

**R Palpitation :**

Potass. Citrate .......... 2 dr.
Infus. Digitalis ....... 2 fl. oz.
Peppermint Water ...... to make 6 fl. oz.

Tablespoonful 3 times daily.

**R Irritability:**

Tinct. Digitalis .... 1 fl. dr.
Adonidin Merck ........ 3 grn.
Syr. Ginger .......... 1 fl. oz.
Water ................ to make 3 fl. oz.

Teaspoonful 3 times daily.

**R Pericarditis (Hydropertercardium):**

Potassium Acetate .... 2 dr.
Tinct. Digitalis ....... 1 fl. dr.
Peppermint Water ...... to make 2 fl. oz.

Teaspoonful every 4 hours.

**R “Smoker's Heart”:**

Adonidin Merck .... 2½ grn.
Ammonium Carbonate .... 45 grn.
Camphor ........ 15 grn.
Dispense in 30 cachets.
One 3 times daily.

OTHER REMEDIES USED FOR HEART DISEASE:

* Amyl Nitrile, Cocaine, Ergot, Iron, Mercury Salts, Morphine, for dilatation; Arsenic, Belladonna, Cinchova, Amyl Nitrile, for fatty degeneration; Bromides, Campboll, Lead Acetate, Veratrum Viride, for hypertrophy; Amyl Nitrile, Belladonna, Bromides, Monobromated Camphor, Eucalyptus, Senega, Ether, Valerian, for palpitation; Arsenic, Barium Chloride, Cactus Grandiflorus, Jalap, Nitrates, Salicorn, Sodium Salicylate, for insufficiency.

**Hematemesis.—Vomiting of blood from hemorrhage of the stomach**

(See also GASTRIC ULCER: Hemorrhage.)

**R**

Stypticin Merck .... 10 grn.
Antipyrine .... 40 grn.
Simple Elixir .... 1 fl. oz.

Teaspoonful in water every 2 or 3 hours, as needed.

**R**

Gallie Acid Merck .... 1 dr.
Ergotin (Bonjean) Merck .... 30 grn.
Digitalis ...... 20 grn.
Make into 20 pills.
One every 4 hours.

OTHER REMEDIES FOR HEMATEMESIS:

* Acetic Acid, Gallie Acid, Sulphuric Acid, Alum, Ammonium Chloride, Ergot, Ipecac, Iron Salts, Krameria, Logwood, Magnesium Sulphate, Tannin, Turpentine Oil.

**Hematuria.—Renal Hemorrhage.—Urinating blood.**

**R**

Stypticin Merck .... 8 grn.
Fl. Ext. ergot .... 4 fl. dr.
Simple Elixir .... 4 fl. dr.

Teaspoonful every 3 hours.

**R**

Gallie Acid Merck .... 30 grn.
Dill. Sulphure Acid .... 1 fl. dr.
Deodor. Tinct. Opium .... 1 fl. dr.
Infus. Digitalis .... 4 fl. oz.

Tablespoonful every 4 hours or oftener.

**R**

Cornutine Citrate Merck .... 1 grn.
Ergotin (Bonjean) Merck .... 16 grn.
Make into 16 pills.
Two 3 times daily.

**R**

Alum ........ 4 dr.
Water ........ 8 fl. oz.

Two tablespoonfuls in pint of tepid water, to be introduced into bladder. (In severe vesical hemorrhage, after washing out with tepid water.)

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Hematuria.—Continued.

OTHER REMEDIES FOR HEMATURIA:

Acetic Acid, Gallic Acid, Tannic Acid, Ammonia, Camphor, Indian Hemp, Copaiba, Creosote, Digitalis, Ergot, Ergireron, Witch-hazel, Iron Salts, Krameria, Lead Acetate, Myrtol, Quinine, Rhus Aromatica, Turpentine Oil.

Hemicrania.—A form of headache. See Headache: Migraine.

Hemiplegia.—One-sided paralysis. See Paralysis.

Hemoglobinuria.—Hemoglobin in the urine.

R

Equinuine ................ 1 dr.
Monobrom. Camphor
Merck ........................ 24 grn.
Morphine Sulphate Merck 1 grn.
Atropine Sulphate Merck 1/2 grn.
Powd. Capsicum ............ 6 grn.

Divide into 12 powders.
One every 4 hours.

Hemoptysis.—Spitting of blood.

R

Strypticin Merck .......... 8 grn.
Ergotin (Bonjean) Merck 24 grn.
Syr. Rhatany ............. 2 fl. dr.
Distilled Water.. to make 2 fl. oz.

Dessertspoonful every 2 hours till bleeding stops. Put ice-bag to chest.

OTHER REMEDIES FOR HEMOPTYSIS:

Acetanllld, Gallic Acid, Sulphuric Acid, Tannic Acid, Amlca, Cactus, Copaiba, Digitalis, Ferric Acetate, Witch-hazel, Lead Acetate.

Hemorrhage.—Bleeding from a vein or artery. See EPISTAXIS, HEMATEMESIS, HEMATURIA, HEMOPTYSIS, METRORRAGIA and TYPHOID FEVER.

External hemorrhage can be arrested by applying Iron Salts, Ferroplyrne, Styptic Cotton, Antipyrine, Tannic Acid, Gallic Acid. Strypticin, Alum, Witch-hazel, Copper Salts, Silver Nitrate, and other astringents.

Hemorrhage, Capillary.

R

Ext. Suprarenal Capsule,
Merck .................... 15 grn.
Sat. Solut. Boric Acid... 45 min.

Instil, paint, or apply on cotton.
(In post-operative or inflammatory bleeding. In eye and nose disease, preceded by cocaine, it is used to prevent secondary hemorrhage.)

Hemorrhoids, Piles.—Vascular tumors of the mucous membrane of the rectum.

R

Bleeding:

Powd. Nutgall ........... 20 grn.
Powd. Opium ............. 20 grn.
Lead Acetate ............ 20 grn.
Ichthyol Merck ....... 30 min.
Lanum .................. 4 dr.
Petrolatum ............. 4 dr.

Apply night and morning on lint, after bathing parts with cold water.

R

Ichthyol Merck ......... 1 fl. dr.
Tannic Acid, "Superior,
Merck" .................. 30 grn.
Ext. Opium ............. 30 grn.
Belladonna Ointment... 4 dr.
Cerate Lead Subacetate.. 2 dr.

Apply freely several times daily.
(In painful piles. Useful also for internal piles with prolapose.)

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PART II.

Hemorrhoids.—Continued.

R  **External:**

<table>
<thead>
<tr>
<th>Compound</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tannic Acid</td>
<td>45 grn.</td>
</tr>
<tr>
<td>Petrolatum</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Lanum</td>
<td>4 dr.</td>
</tr>
</tbody>
</table>

Apply freely night and morning.

R  **Laxative remedy:**

<table>
<thead>
<tr>
<th>Compound</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Sulphate</td>
<td>1 oz.</td>
</tr>
<tr>
<td>Water</td>
<td>to make 4 fl. oz.</td>
</tr>
</tbody>
</table>

Two tablespoonfuls before breakfast, repeating in an hour.

R  **Internal:**

<table>
<thead>
<tr>
<th>Compound</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocaine Hydrochlorate</td>
<td>15 grn.</td>
</tr>
<tr>
<td>Merck</td>
<td></td>
</tr>
<tr>
<td>Ergotin (Bonjean) Merck</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Ichthyol Merck</td>
<td>76 min.</td>
</tr>
<tr>
<td>Calomel</td>
<td>45 grn.</td>
</tr>
<tr>
<td>vaselin</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Lanum</td>
<td>4 dr.</td>
</tr>
</tbody>
</table>

Insert piece as large as a small nut into rectum after each evacuation.

---

OTHER REMEDIES FOR HEMORRHOIDS:

Strong Carabolic Acid, for parenchymatous injecting: Chromic Acid, Salicylic Acid, Alum, Nitrile Acid, Silver Nitrate, Chrysaerobin, Iron Chloride, Hydrastine, Iodoine, Turpentine, as topical applications; Aloes, Ergot, Ferropyrine, Ichthalin, Sulphur, for internal use.

---

**Hepatic Diseases.**—Disease of the Liver.

**Acute hepatitis:**

<table>
<thead>
<tr>
<th>Compound</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Citrate</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Tinct. Aconite</td>
<td>12 min.</td>
</tr>
<tr>
<td>Solut. Ammonium Acetate</td>
<td>10 fl. dr.</td>
</tr>
<tr>
<td>Lemon Syrup to make 3 fl. oz.</td>
<td></td>
</tr>
</tbody>
</table>

Teaspoonful every 2 hours.

**Chronic hepatitis:**

<table>
<thead>
<tr>
<th>Compound</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Iodide</td>
<td>150 grn.</td>
</tr>
</tbody>
</table>
| Peppermint Water              | 4 fl. oz.
| Syrup                         | to make 6 fl. oz. |

Tablespoonful in water 3 times daily.

**Cirrhosis:**

<table>
<thead>
<tr>
<th>Compound</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Iodide</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Comp. Tinct. Cardamom</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Peppermint Water</td>
<td>to make 2 fl. oz.</td>
</tr>
</tbody>
</table>

Teaspoonful before meals.

**Congestion:**

<table>
<thead>
<tr>
<th>Compound</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Bicarbonate</td>
<td>3 dr.</td>
</tr>
<tr>
<td>Sodium Sulphate</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Sodium Phosphate “Superior, Merck”</td>
<td>2 dr.</td>
</tr>
<tr>
<td>Sodium Benzoate Merck</td>
<td>1 dr.</td>
</tr>
</tbody>
</table>

Teaspoonful in half glass warm water, before breakfast.

**Jaundice:** See JAUNDICE.

---

**FORMULAS.**

**Tannic Acid, “Superior, Merck”** 30 grn.

**Powd. Opium** 1 dr.

**Iodoform** 1 dr.

**Petrolatum** 4 dr.

**Lanum** 4 dr.

Apply inside morning and night, by means of pile-pipe, after douching. (Where much pain.)

**Carabolic Acid Merck** 90 grn.

**Salicylic Acid Merck** 30 grn.

**Sodium Bichlorate** 60 grn.

**Glycerin (Sterilized)** 1 fl. oz.

Two to four minims are injected into base of hemorrhoid, and repeated in 4 or 5 days if necessary. Great caution needed.

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Hepatic Diseases.—Continued.

OTHER REMEDIES FOR HEPATIC DISEASES:

Hepatitis.—See Hepatic Diseases.

Herpes.—A disease of skin or mucous membrane with groups of vesicles or an inflamed base.

R Simple:
Resorcin Merck .......... 45 grn.
Cocaine Hydrochlorate Merck .......... 15 grn.
Alcohol .................. 3 fl. oz.

Apply with a swab.

R Morphine Sulphate Merck 6 grn.
Sodium Borate .......... 4 dr.
Rose Water .............. to make 8 fl. oz.

Apply freely.

R Labial:
Comp. Tinct. Benzoin .. 2 fl. dr.
Balsam Peru .......... 1 fl. dr.
Cold Cream ............ 5 dr.

Apply several times daily.

R Calomel .................. 10 grn.
Lanum ................... 5 dr.
Petrolatum .............. 3 dr.

Apply 3 times daily.

R Menstrual:
Camphor .................. 50 grn.
Resorcin Merck .......... 20 grn.
Alcohol .................. 1 fl. oz.

Apply on lips as prophylactic prior to menstrual period.

R Progenital:
Tannic Acid "Superior, Merck" .......... 1 dr.
Alcohol ................. 4 fl. oz.

Bathe part, then apply this twice daily.

OTHER REMEDIES FOR HERPES:
Acetanilid, Alum, Mercury Salts, Anthrarobin, Bismuth Salts, Naphtol, Zinc Sulphate, for simple herpess; Carabolic Acid, Chrysarobin, Lead Salts, Pyrogalol, Sulphur, Mercury Salts, in herpes tonsurans; Opium, Aconite, Calomel, Chloriform, Menthol, Silver Salts, Tar, Veratrine Ointment, Zinc Salts, in herpes zoster.

Herpetiform Dermatitis.—Dermatitis Herpetiformis.—A skin inflammation resembling Herpes.

R Arsen-hemol Merck ....... 80 grn.
Ichthalbin ................. 100 grn.
Powd. Ext. Licorice ......... 40 grn.
Mucilage Acacia to make 50 pills

Three pills a day, after meals. Increase every fourth day by 1 pill until 10 are taken daily; then decrease same way. When daily dose of 3 pills is again reached, discontinue for few days, after which resume as before.

R Ichthyol Merck .......... 1 fl. oz.
Expr. Oil Almond .......... 1 fl. oz.
Lime Water .......... 1 fl. oz.

Emulsify oil with lime water, and incorporate ichthyol. Rub in several times daily.

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Hiccough.—Singultus.—A peculiar inspiratory sound caused by spasm of the diaphragm and glottis.

R

Zinc Valerianate Merck. 12 grn Ext. Belladonna............. 3 grn.

Make into 12 pills.

One every 4 hours as required.

R

Amyl Nitrite Merck..... 1 fl. dr. Inhale 3 to 5 drops from handkerchief.

(In obsteinate cases.)

R


Teaspoonful in water after meals.

(Where gastric or intestinal indigestion exists.)

OTHER REMEDIES FOR HICCOUGH:

Amber Oil, Apomorphine, Bismuth, Indian Hemp, Chloral, Cocaine, Ether, Iodoform, Jaborandi, Pilocarpine, Musk, Mustard, Pepper, Bromides, Quinine, Sulfonial.

Hide-Bound Disease.—See SCLERODERMA.

Hives.—See URTICARIA.

Hoarseness.—Harshness of the voice from laryngeal disease.

R


Tablespoonful every 2 hours, swallowed slowly.

R


Tablespoonful every 2 or 3 hours.

OTHER REMEDIES FOR HOARSENESS:

Hydrocyanic Acid, Aconite, Alum, Indian Hemp, Chloral, Ipecac, Gelsemium, Tannin, Tar, Lobelia, Linseed, Potassium Chlorate, Lactucarium.

Hodgkin’s Disease.—See PSEUDO-LEUKEMIA.

Hordeolum.—Stye.—Inflamed sebaceous glands of the eye.

R

Red Mercury Oxide


Bathe eye night and morning with hot water and apply.

R

Ichthyol Merck........ 5 min. Yellow Mercury Oxide

Merck................. 1 grn. Lanum................ 2 dr. Petrolatum......... 2 dr.

Anoint part well several times daily.

R


Apply freely to lid.

OTHER REMEDIES FOR HORDEOLUM:

Tincture Iodine, Mercury Oleate, Silver Nitrate, Tannic Acid, Cadmium Sulphate, Copper Salts, Pyoktanin, Zinc Sulphate.

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FORMULAS.

PART II.

Hydrocele.—Accumulation of fluid around the testicle.

R

Ammonium Chloride
Cologne Water
Dilute Alcohol

Apply on lint.

R

Tinct. Iodine
Sterilized Water

For injection after tapping.

OTHER REMEDIES FOR HYDROCELE:

Carbolic Acid, Iodoform, by injection after tapping; Chloroform, Silver Nitrate, externally.

Hydrocephalus.—Excessive fluid in the cranium.

R

Potass. Iodide
Tinct. Digitalis
Syr. Orange Flowers
Water

Teaspoonful every 3 hours, for infants.

R

Syr. Iron Iodide
Wine Cod-liver Oil from Gaduol

Teaspoonful in water, after meals.

OTHER REMEDIES FOR HYDROCEPHALUS:

Iodine, Calomel, Potassium Bromide, Mercury and Chalk Mixture, Bromipin, Iodipin.

Hydropericardium.—Liquid effusion into the pericardial sac. See Heart Diseases: Pericarditis.

Hydrothorax.—Liquid effusion into the pleural cavity. See Pleurisy: Hydrothorax.

Hyperfetorhinosis.—Excessive sweating. Commonly applied to excessive sweating of the feet and arm-pits. See also Bromhidrosis and Phthisis: Night-sweats.

R

Boric Acid
Tannoform
Oil Cloves
Oil Lavender

Use freely as dusting-powder.

R

Tannoform
Powd. Orris Root
Salicylic Acid Merck
Powd. Talcum

Use as dusting-powder.

OTHER REMEDIES FOR HYDROPHOBIA:

Pasteur’s Virus, Carbolic Acid, Curare, Morphine, Belladonna, Conline, Nicotine, hypodermically; Amyl Nitrite, by Inhalation; Choral Hydrate, Gelsemium, by the mouth.

BEydrotliorax.—Liquid effusion into the pleural cavity. See Pleurisy: Hydrothorax.

OTHER REMEDIES FOR HYDROPHOBIA:

Pasteur’s Virus, Carbolic Acid, Curare, Morphine, Belladonna, Conline, Nicotine, hypodermically; Amyl Nitrite, by Inhalation; Choral Hydrate, Gelsemium, by the mouth.

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FORMULAS.

Hyperidrosis.—Continued.

R. Formaldehyde Medicinal 4 fl. dr
Petrolatum 2 dr.
Lanum 4 dr.

Apply freely morning and night.

OTHER REMEDIES FOR HYPERIDROSIS:
Carbolic Acid, Chromic Acid, Gallic Acid, Copper Salts, Lead Salts, Turpentine, Zinc Salts.

Hypochondrias.—A nervous condition in which there is morbid fear of ill health. See also Neurasthenia.

R. Potassium Bromide 4 dr.
Syrup Orange 1 fl. oz.
Water to make 3 fl. oz.
Dessertspoonful 3 times daily, in water.

OTHER REMEDIES FOR HYPOCHONDRIASIS:
Alcohol, Arsenic, Asafetidæ, Bromo-hemol, Caffeine, Cocaine Hydrochlorate, Nux Vomica, Musk, Sumbul, Valerian, Cardamom.

Hysteria.—A nervous disease in which the patient loses self-control. Women are more subject to it than men. The name is derived from a Greek word meaning womb.

R. Ergotin (Bonjean) Merck 1 dr.
Ammouium Valerianate Merck 40 grn.
Ext. Hyoscyamus 20 grn.

Make into 20 pills.
One every 4 hours.
(For restlessness.)

R. Sodium Glycerinophosphate Merck 4 dr.
Distilled Water 12 fl. dr.
Orange-flower Water 12 fl. dr.
Syr. Orange 4 fl. dr.
Small teaspoonful 3 times daily.
(As nerve tonic.)

R. Fl. Ext. Ergot 4 fl. dr.
Potassium Bromide 2 dr.
Calcium Bromide 30 grn.
Camphor Water to make 8 fl. oz.
Tablespoonful in water every 4 hours.
(In epileptoid variety; for restlessness and headache.)

OTHER REMEDIES USED IN Hysteria:
Acetanilid, Camphoric Acid, Valerianic Acid, Aconite, Aloes, Ammonium Carbonate, Antipyrine, Asafetidæ, Belladonna, Indian Hemp, Cerium Oxalate, Chloral Hydrate, Paraldehyde, Chloroform, Cocaine Hydrochlorate, Codeine, Dionin, Conium, Ether, Musk, Oil Amber, Oplum, Orexine, Phosphates, Santonin, Zinc Iodide.

OTHER REMEDIES USED IN Hysteria:
Acetanilid, Camphoric Acid, Valerianic Acid, Aconite, Aloes, Ammonium Carbonate, Antipyrine, Asafetidæ, Belladonna, Indian Hemp, Cerium Oxalate, Chloral Hydrate, Paraldehyde, Chloroform, Cocaine Hydrochlorate, Codeine, Dionin, Conium, Ether, Musk, Oil Amber, Oplum, Orexine, Phosphates, Santonin, Zinc Iodide.

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FORMULAS.

PART II.

Ichthyosis.—A disease in which the skin gets hard, rough and scaly like that of a fish.

R

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Powd. Camphor</td>
<td>10 grn.</td>
</tr>
<tr>
<td>Zinc Oxide Merck</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Ichthyol Merck</td>
<td>1 fl. dr.</td>
</tr>
<tr>
<td>Lanum</td>
<td>1 oz.</td>
</tr>
</tbody>
</table>

Apply 3 times daily.

OTHER REMEDIES FOR ICHTHYOSIS:
Sodium Bicarbonate, Naphtol, Borax, Potash, Zinc Sulphate, Chrysarobin, Potassium Carbonate.

Icterus.—A yellowing of the skin from the absorption of bile pigment. See Jaundice.

Impetigo.—An inflammatory skin disease with pustules.

R

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ichthyol Merck</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Cold Cream</td>
<td>5 dr.</td>
</tr>
<tr>
<td>Lanum</td>
<td>5 dr.</td>
</tr>
</tbody>
</table>

Apply freely thrice daily, after thorough bathing with warm water and soap.

R

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salicylic Acid Merck</td>
<td>6 grn.</td>
</tr>
<tr>
<td>Bismuth Subnitrate</td>
<td>2 dr.</td>
</tr>
<tr>
<td>Lanum</td>
<td>6 grn.</td>
</tr>
<tr>
<td>Powd. Starch</td>
<td>45 grn.</td>
</tr>
</tbody>
</table>

Apply 3 times daily.

R As alterative antiphlogistic:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ichthyol Merck</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Arsenous Acid</td>
<td>3/4 grn.</td>
</tr>
<tr>
<td>Eucamnine</td>
<td>30 grn.</td>
</tr>
</tbody>
</table>

Make into 60 pills. Two to four after meals.

OTHER REMEDIES FOR IMPETIGO:
Lead Acetate, Chrysarobin, Mineral Acids, Glycerite Tannin, Lead Nitrate, Mercury Nitrate, Copper Sulphate, Tannin, Tar, Zinc Sulphate, externally; Calcium Chloride, Cod-liver Oil, Gaduoil, Levico Water, Quinine, Salol, Donovan's Solution, Sulphur, Internally.

Impotence.—Want of virility.

R

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iron Arsenate Merck</td>
<td>2 grn.</td>
</tr>
<tr>
<td>Ext. Nux Vomica</td>
<td>15 grn.</td>
</tr>
<tr>
<td>Ergotin (Bonjean) Merck</td>
<td>30 grn.</td>
</tr>
</tbody>
</table>

Make into 30 pills.
One after meals.

R

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc Phosphate Merck</td>
<td>2 grn.</td>
</tr>
<tr>
<td>Ext. Damiana</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Ext. Nux Vomica</td>
<td>10 grn.</td>
</tr>
</tbody>
</table>

Make into 20 pills.
One morning and night.

OTHER REMEDIES FOR IMPOTENCE:
Arsenous Acid Merck... 1 grn.
Ext. Nux Vomica... 10 grn.
Hemogallol... 150 grn.
Muclage Acacia, Sugar... to make 60 pills.
Two pills, 3 times daily, after meals.

R

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dl. Phosphoric Acid</td>
<td>1 fl. dr.</td>
</tr>
<tr>
<td>Strychnine Sulphate</td>
<td>3/4 grn.</td>
</tr>
<tr>
<td>Fl. Ext. Muira-Puama</td>
<td>3 fl. dr.</td>
</tr>
</tbody>
</table>
| Elixir Calisaya... to make 2 fl. oz.

Teaspoonful 3 times daily.

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**PART II.**

**Impotence.**—Continued.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphorus</td>
<td>1/2 grn.</td>
</tr>
<tr>
<td>Equinoline</td>
<td>30 grn.</td>
</tr>
<tr>
<td>Strychnine Sulphate</td>
<td>1/2 grn.</td>
</tr>
<tr>
<td>Ergotin (Bonjean) Merck</td>
<td>12 grn.</td>
</tr>
<tr>
<td>Vallet's Mass</td>
<td>45 grn.</td>
</tr>
</tbody>
</table>

Make into 30 pills. One 3 times daily.

**OTHER REMEDIES FOR IMPOTENCE:**

Phosphorus, Indian Hemp, Cantharides, Cubebs, Glycerinophosphates, Gold Chloride, Serpenaria, Turpentine.

---

**Incontinence of Urine.**—**Enuresis.**—Inability to retain urine in the bladder. (See also Bed-wetting.)

**For Adults:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strychnine Sulphate</td>
<td>1/4 grn.</td>
</tr>
<tr>
<td>Atropine Sulphate Merck</td>
<td>1/8 grn.</td>
</tr>
<tr>
<td>Tinct. Cantharides</td>
<td>8 min.</td>
</tr>
<tr>
<td>Syr. Tolu</td>
<td>5 fl. dr.</td>
</tr>
<tr>
<td>Water</td>
<td>to make 1 fl. oz.</td>
</tr>
</tbody>
</table>

Teaspoonful after meals.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tinct. Iron Chloride</td>
<td>6 fl. dr.</td>
</tr>
<tr>
<td>Tinct. Nux Vomica</td>
<td>6 fl. dr.</td>
</tr>
<tr>
<td>Tinct. Cantharides</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Fl. Ext. Belladonna</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Syrup</td>
<td>2 fl. oz.</td>
</tr>
<tr>
<td>Water</td>
<td>to make 6 fl. oz.</td>
</tr>
</tbody>
</table>

Teaspoonful in water 3 times daily.

**For Children:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetanilid</td>
<td>24 grn.</td>
</tr>
<tr>
<td>Phenacetin</td>
<td>24 grn.</td>
</tr>
<tr>
<td>Monobrom. Camphor</td>
<td>20 grn.</td>
</tr>
<tr>
<td>Sugar</td>
<td>20 grn.</td>
</tr>
</tbody>
</table>

Make into 8 powders. One at night.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atropine Sulphate Merck</td>
<td>1/6 grn.</td>
</tr>
<tr>
<td>Tinct. Nux Vomica</td>
<td>10 min.</td>
</tr>
<tr>
<td>Cinnamon Water</td>
<td>to make 2 fl. oz.</td>
</tr>
</tbody>
</table>

Half to 1 teaspoonful, according to age, afternoon and night.

**OTHER REMEDIES FOR INCONTINENCE OF URINE:**


---

**Indigestion.**—Inability to digest food. See Dyspepsia.

**Inflammation.**—A diseased condition of any tissue of the body with redness, swelling, heat and pain. See under Hepatitis, Nephritis, Pneumonitis, Gastritis, etc.

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### Influenza.—Grip.

An epidemic disease with cold in the head, pains over the body, fever, and other uncomfortable symptoms.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dionin</td>
<td>Bromoform Merck</td>
<td>6 grn.</td>
</tr>
<tr>
<td>Ammonium Chloride</td>
<td>Bromoform Merck</td>
<td>5 dr.</td>
</tr>
<tr>
<td>Tinact. Hyoscyamus</td>
<td>Bromoform Merck</td>
<td>5 fl. dr.</td>
</tr>
<tr>
<td>Syr. Wild Cherry</td>
<td>Bromoform Merck</td>
<td>2 fl. oz.</td>
</tr>
<tr>
<td>Water</td>
<td>Bromoform Merck</td>
<td>to make 4 fl. oz.</td>
</tr>
</tbody>
</table>

Teaspoonful every 2 or 3 hours.

### Gastric irritability:

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocaine Hydrochlorate</td>
<td>Merck</td>
<td>1 grn.</td>
</tr>
<tr>
<td>Creosote (Beechwood)</td>
<td>Merck</td>
<td>5 min.</td>
</tr>
<tr>
<td>Brandy</td>
<td>Merck</td>
<td>1 fl. oz.</td>
</tr>
<tr>
<td>Bismuth Sulbltrate</td>
<td>Merck</td>
<td>50 grn.</td>
</tr>
<tr>
<td>Syr. Orange</td>
<td>Merck</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Water</td>
<td>Merck</td>
<td>to make 2 fl. oz.</td>
</tr>
</tbody>
</table>

Teaspoonful every hour or two until relieved. Shake bottle.

### Influenza.

Hydrochlorate, Salipyrlne, zene, hol, Ingroi; Ing

### Insolation.

- **Book. May**

- **Teaspoonful**

- **Shake**

- **Dispense**

### OTHER REMEDIES FOR INFLUENZA:

- Boric Acid, Camphoric Acid, Carbolic Acid, Sulphurous Acid, Aconite, Alcoh-ol, Ammonium Acetate, Ammonium Salicylate, Antipyrine, Belladonna, Ben-zene, Bismuth Salicylate, Bromides, Indian Hemp, Chloral Hydrate, Cocaine, Hydrochlorate, Cubebs, Ergot, Menthol, Naphtol, Opium, Potassium Nitrate, Salipyrine, Thymol, Tar

### Ingrowing Toe-Nail.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassa</td>
<td>Salol Merck</td>
<td>36 grn.</td>
</tr>
<tr>
<td>Distilled Water</td>
<td>Salol Merck</td>
<td>24 grn.</td>
</tr>
<tr>
<td></td>
<td>Powd. Camphor</td>
<td>4 grn.</td>
</tr>
<tr>
<td></td>
<td>Powd. Capsicum</td>
<td>2 grn.</td>
</tr>
</tbody>
</table>

Put into 12 capsules. One every 2 or 3 hours till relieved.

### OTHER REMEDIES FOR INGROWING TOE-NAIL:

- Acetic Acid, Tannic Acid, Silver Nitrate, Resorcin, Caustic Soda.

### Insolation.

A febrile condition due to intense sun heat. See Sunstroke.
PART II.

FORMULAS.

**Insomnia.**—Inability to sleep; sleeplessness.

**R** Alcoholism:
- Choralose Merck...... 1 dr.
- Potassium Bromide...... 4 dr.
- Fl. Ext. Valerian...... 1 fl. oz.
- Simple Elixir...... to make 3 fl. oz.

Dessertspoonful every 3 hours as required.

**R** Potassium Bromide...... 4 dr.
- Essence Ginger...... 2 fl. oz.
- Tinct. Valerian...... 2 fl. oz.
- Water...... to make 8 fl. oz.

Tablespoonful in water every 3 or 4 hours.

**R** Debility following:
- Ichthylol Merck...... 2 fl. dr.
- Exsfc. Iron Sulphate...... 80 grn.
- Euquinline...... 1 dr.
- Ext. Nux Vomica...... 4 grn.

Make into 60 pills.

Two 3 times daily.

**R** Melancholia:
- Paraldehyde Merck...... 2 fl. dr.
- Expr. Off Almond...... 2 fl. dr.
- Off Cinnamon...... 1 drop

Half at bedtime.

**R** Dormifol, 10 per cent solut 3/4 fl. oz.

One to two teaspoonfuls at bedtime.
Shake the bottle.

**Melancholia:**
- Hyosine Hydrobromate
  - Merck...... ½ grn.
  - Monobromated Camphor
  - Merck...... 80 grn.

Put into 16 capsules.
One every 2 to 4 hours until effective.

**R** Nervousness:
- Choralose Merck...... 30 grn.
- Potassium Bromide...... 90 grn.
- Garantose...... 2 grn.

Divide into 6 powders.
One in hot water, repeated in 2 hours
if necessary.

**R** Amylene Hydrate Merck...... 2 fl. dr.
- Syr. Orange...... 1 fl. oz.
- Orange-flower Water...... to make 3 fl. oz.

Take half at a dose; repeat in hour
if necessary.

**R** Pain:
- Morphine Sulphate Merck...... 2 grn.
- Choral Hydrate Merck...... 90 grn.
- Cinnamon Water...... 1 fl. oz.

Teaspoonful in water every 2 or 3
hours till relieved of pain or asleep.

**R** Dionin...... 1 grn.
- Sodium Bromide...... 15 to 30 grn.

To be taken at bedtime, in sweet-
ened water.

OTHER REMEDIES FOR INSOMNIA:

Acetanilid, Aconite, Atropine, Butyl-Choral Hydrate, Monobromated Cam-
phor, Indian Hemp, Cannabine Tannate, Chioroform, Cocaline Hydrochlorate,
Codeline, Digitalis, Dormifol, Ether, Gelsemium, Hops, Hydroxyamine, Hypnone,
Ignatia, Opium, Scopolamine Hydrobromate.

---

**Intermittent Fever.**—A fever in which the paroxysm intermits and
returns at nearly regular intervals; caused by the plasmodium malaria.

**R** Antiperiodic treatment:
- Quinine Hydrochlorate
  - Merck...... 2 dr.
  - Dil. Hydrochloric Acid...... 3 fl. dr.
  - Dil. Hydrobromic Acid...... 1 fl. oz.
  - Gum Lemon...... 5 fl. dr.
  - Water...... to make 3 fl. oz.

Teaspoonful 3 times daily, between
paroxysms.

**R**
- Eauquinline...... 100 grn.
- Exsfc. Iron Sulphate...... 20 grn.
- Arsenous Acid Merck...... 1 grn.
- Powd. Capsicum...... 10 grn.

Make into 40 pills.
Two 3 times daily.

**R** Methylene Blue Medical-
- nal Merck...... 40 grn.
- Euquinline...... 40 grn.
- Powd. Nutmeg...... 40 grn.

Dispense in 20 capsules.
One or two 4 times daily for two
days, then one 3 times daily.

**R** Quinine Hydrochlorate
- Merck...... 30 grn.
- Antipyrine...... 20 grn.
- Distilled Water...... 1 fl. dr.

10 minims hypodermically every 3
or 4 hours.

---

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FORMULAS.

**Intermittent Fever.**—Continued.

**Convalescence:**
- Eucalyptol Merck ........... 1 fl. dr.
- Quinine Hydrochlorate Merck .......... 10 grn.
- Mucilage Acacia ........... 11 dr.
- Oil Cinnamon ............... 1 drop

Make an emulsion.
Teaspoonful 3 times daily.

**Obstinate Cases:**
- Iron Ferrocyanide .......... 1 dr.
- Iron Arsenate Merck ......... 1/2 grn.
- Powd. Resin Guaiac .......... 1 dr.

Dispense in 12 capsules.
One 8 times daily.

**In irritable stomach:**
- Quinine Hydrochlorate Merck ........ 4 dr.
- Lanum ..................... 4 dr.

Rub in under armpits every 2 hours
Desist when the ears ring.

**Guaiacol Merck ........... 1 fl. oz.
Paint 20 to 40 minims over abdomen
3 times daily.**

**OTHER REMEDIES USED IN INTERMITTENT FEVER:**
- Apol, Atropine, Calomel, Camphor, Chloral Hydrate, Chloroform, Cinchonidine, Boneset, Tincture Iodine, Ipecac, Narcotine, Nitroglycerin, Nux Vomica, Pilocarpine, Quassia, Quinoline, Resorcin, Salicin.

**Intertrigo.**—Redness of the skin due to chafing. See Chafing.

**Intestinal Diseases.**—See Colic, Constipation, Cholera, Diarrhea, Dysentery, Enteritis, Hernia, Intussusception, Typhoid Fever, etc.

**Intussusception.**—Partial or complete occlusion of the intestine by one portion being pushed into the other.

**Creolin-Pearson .......... 4 fl. dr.
Warm Water ................. 1 gal.

Inject through long rectal tube, high up in intestines, as much as possible of this solution, to distend bowel at point of obstruction. Knee-chest position is best. Narcosis may be necessary.

**Iritis.**—Inflammation of the iris.

**Scopolamine Hydrobromate Merck .......... 1/20 grn.
Atropine Sulphate Merck .......... 1 grn.
Distilled Water .............. 4 fl. dr.

One or 2 drops into eye 2 or 3 times daily, after bathing with hot water for 15 minutes. Use hot-water baths every hour till pain is relieved.

**Mercury Bichloride ........ 1 grn.
Potassium Iodide ............ 2 dr.
Comp. Syr. Sarsaparilla ...... 12 fl. dr.
Water ..................... to make 2 fl. oz.

Teaspoonful 3 times daily.
(In syphilitic iritis.)

**OTHER REMEDIES FOR IRITIS:**

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PART II.

FORMULAS.

Irritability.—Abnormal sensitiveness. See NERVIOUSNESS.

Itch.—A disease due to the burrowing under the skin of the Itch mite. See SCABIES.

Itching.—See PRURITIS.

Ivy Poisoning.—Dermatitis Venenata.—An erysipeloid-like eruption of the skin from contact with the green leaves of Rhus toxicodendron.

\[ R \]

- Lead Acetate ........ 1 oz.
- Alcohol, 50 per cent. to make saturated solution.
Rub in thoroughly, and repeat several times during a few days.

\[ R \]

- Ammon. Chloride .... 1 oz.
- Water ........ 4 pints
Apply warm on lint or cotton, and cover with oiled silk.

OTHER REMEDIES FOR IVY POISONING:
- Sodium Bicarbonate, Borax, Guaiacol, Mercury Salts, Resorcin, Zinc Salts.

Jaundice.—Icterus.—Yellow pigmentation of the eyes and skin from the absorption of the coloring matter of the bile.

\[ R \]

- From catarrh of duct:
  - Sodium Salicyl. Merck ... 4 dr.
  - Ammon. Chloride .... 1 oz.
  - Peppermint Water .... 6 fl. oz.
Two teaspoonfuls after meals.

\[ R \]

- Inspiss. Ox-gall Merck ... 30 grn.
- Salol Merck ........ 2 dr.
Dispense in 12 capsules. One 3 hours after meals.

\[ R \]

- Calomel ........ 4 grn.
- Sodium Bicarbonate ... 1 dr.
Divide into 12 powders. One every hour till they operate, then give saline cathartics.

from gall-stone obstruction: See CALCULI, BILIARY.

OTHER REMEDIES FOR JAUNDICE:

Points, Diseases of.—See GOUT, RHEUMATISM, SPRAINS, YPHILIS, TUBERCULOSIS AND SYNOVITIS.

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179
FORMULAS.

Keloid.—Cheloid.—A cutaneous tumor that generally develops on the site of a cicatrix.

\[ R \]

Thiosamine Merck.... 15 grn.
Milk Sugar.................. 1 dr.
Dispense in 60 capsules.
Two twice daily. Increase the dose each day by 1 capsule until 12 are being taken daily. Do not give in evening.

\[ R \]

Thiosamine Merck.... 20 grn.
Glycerin.................. 100 min.
Distilled Water, freshly boiled................. 100 min.
Inject 10 to 15 minims under keloid every third day.

\[ R \]

Ichthyol Merck......... 4 fl. dr.
Salicylic Acid Merck.... 1 dr.
Lanum.................. 1 oz.
Apply frequently until softened.

Other Remedies for Keloid:
Potassium Iodide, Lead Iodide, Glacial Acetic Acid, Potassa.

Keratitis.—Inflammation of the cornea.

\[ R \]

Boric Acid ............... 3 grn.
Atropine Sulphate Merck 1 grn.
Distilled Water........ 3 fl. dr.
Put one drop into eye morning and night till inflammation subsides.

\[ R \]

Thiosamine Merck.... 20 grn.
Glycerin.................. 50 min.
Distilled Water, freshly boiled................. 150 min.
Inject 10 to 15 minims into triceps or gluteus muscle every 3 days.

\[ R \]

Orthoform ............... 24 grn.
Lard.................. 1 dr.
Lanum.................. 1 dr.
Apply morning and evening with massage.

\[ R \]

Sr. Iron Iodide .......... 2½ fl. dr.
Wine Cod-liver Oil from Gaduol................. 4 fl. oz.
Teaspoonful in water after meals.
(In strumous children.)

\[ R \]

Eserine Sulphate Merck ½ grn.
Rose Water.................. 2 fl. oz.
One drop in eye 3 times daily. Use atropine solution at bedtime.

\[ R \]

Boric Acid ............... 8 grn.
Homatropine Hydrobromate Merck 1 grn.
Rose Water.................. 1 fl. oz.
Eight or 10 drops in eye every 3 hours.

\[ R \]

Yellow Mercury Oxide Merck 2 grn.
Lanum.................. 1 dr.
White Vaselin........ 1 dr.
Put small portion between lids, and rub gently over cornea for several minutes.
(To hasten absorption of opacities after inflammation has subsided.)

Other Remedies for Keratitis:
Arsenic, Calcium Sulphide, Europhen, Iron Salts, Levico Water, Mercurial Ointment, Potassium Bromide, Pyoktanin, Quinine.

Kibe.—Painful inflammation due to exposure to cold. See CHILBLAINS.

Kidney Diseases.—See NEPHRITIS, DROPSY, and CALCULI.

Labor.—Parturition.—Giving birth to a child.

\[ R \]

Uterine inertia:

Enquinine.................. 20 grn.
Peppermint Oil Sugar...... 20 grn.
Dispense as 10 powders.
One every hour.

\[ R \]

Morphine Sulphate Merck 1 grn.
Tinct. Lactucarium........ 4 fl. dr.
Orange-flower Water....... 6 fl. dr.
Teaspoonful every 3 hours, as necessary.

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Rigid os:
Chloral Hydrate Merck. 30 grn.
Morphine Sulfate Merck 1/4 grn.
Syr. Acacia .................. 1 fl. dr.
Distilled Water............. 7 fl. dr.
Tablespoonful repeated in 1 to 2 hours if necessary.

To prevent premature delivery:
Morphine Sulfate Merck 1 grn.
Sodium Bromide ............. 1 dr.
Cinnamon Water ............. 1 fl. oz.
Teaspoonful every 3 hours as required.

Other remedies for labor:
Kola, Nux Vomica, Chloroform, Amyl Nitrite, Acetanilid, Antipyrine, Belladonna, Indian Hemp, Ethyl Bromide, Pilocarpine, Eucalyptus.

La Grippe.—See Influenza.

Lactation Disturbances.—Excess, deficiency or other defect of lactation with nursing mothers. See Galactorrhea and Agalactia.

Laryngismus Stridulus.—False or spasmodic croup in growing children.

For anemia:
Hemogallol ............... 40 grn.
Euphrine .................. 10 grn.
Divide into 2 powders.
One, half hour before meals.

For laryngeal spasm:
Bromelin .................. 2 fl. oz.
Glycerin .................. 1 fl. oz.
Oil Cassia .................. 3 min.
One to two teaspoonfuls, according to age, after meals.

For laryngeal spasm:
Tinct. Belladonna .......... 12 min.
Chloral Hydrate Merck ... 20 grn.
Potassium Bromide ........ 1 dr.
Syr. Orange ............... 4 fl. dr.
Water ..................... to make 2 fl. oz.
Teaspoonful every hour until difficult inspiration is relieved.
(For child of 2 years.)

Other remedies for Laryngismus Stridulus:
Acetanilid, Aconite, Amyl Nitrite, Antipyrine, Bromoform, Chloroform, Codeine, Dionin, Conine, Creosote, Ether, Gelsemium, Glycerinophosphates, Gold and Sodium Chloride, Gualacol, Lobelia, Musk, Nitroglycerin.

Laryngitis.—Inflammation of the mucous membrane of the larynx.

Acute:

Benzolc Acid Merck .......... 8 grn.
Sodium Borate ............ 12 grn.
Milk Sugar .............. 20 grn.
Divide into 16 powders.
One every hour.

Dionin .................. 6 grn.
Potassium Citrate ........ 4 dr.
Tinct. Aconite .......... 24 min.
Syrup .................. 4 fl. dr.
Water ..................... to make 3 fl. oz.
Teaspoonful in water every 2 hours.
(To relieve cough, fever and hoarseness.)

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Laryngitis.—Continued.

**R** Catarrhal:
- Thymol Merck.......... 15 grn.
- Eucalyptol Merck...... 20 min.
- Oil Wintergreen......... 1 fl. dr.
- Cresote (Beechwood).... 2 fl. dr.
- Oil Pine Needles Merck.. 4 fl. dr.
Inhale 2 to 5 drops from a sponge several times daily.

**R**
- Eucalyptol Merck...... 5 min.
- Comp. Tinct. Benzoin... 12 fl. dr.
Two teaspoonfuls to pint hot water; for inhalation on rising and retiring.

**R**
- Ichthyol Merck......... 90 min.
- Thymol Merck.......... 2 grn.
- Water.................. 6 fl. oz.
Spray lukewarm, with an atomizer, and inhale 3 or 4 minutes 3 times daily.

**R**

Potassium Permanганate........ 2 grn.
Distilled Water........... 2 fl. oz.
Spray throat 3 or 4 times daily.

**OTHER REMEDIES FOR LARYNGITIS:**

- Acetic Acid, Sulphurous Acid Antipyrine, Calomel, Cocaine, Copper Sulphate, Iodine, Morphine, Silver Nitrate, in acute; Carbolic Acid, Alum, Ammonium Chloride, Iron Chloride, Quaiaicum, Mercury Salts, Silver Nitrate, Tannin, Uranium Nitrate, in chronic; Lactic Acid, Bismuth Subgalate, Cocaine Hydrochlorate, Ichthalbin, Iodoform, Iodoformogen, Iodoole, Resorcin, Zinc Sulphate, in tuberculous; Carbolic Acid, Napthol, Lead Acetate, Hydrogen Peroxide, in fetid forms.

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**Lead Poisoning.**—Poisoning from the absorption of lead. (See also Colic.)

**R** Acute:
- Sodium Sulphate....... 1 oz.
- Magnesium Sulphate.... 2 oz.
- Water.................. 1 pint
Give one-half at once, and the rest in 15 to 30 minutes.

**R** Chronic:
- Iodo-hemol............... 6 dr.
- Ext. Licoriceria......... 3 dr.
Make into 120 pills.
Three to six pills with meals.

**OTHER REMEDIES FOR LEAD POISONING:**

- Ammonium Iodide, Sodium Iodide, Potassium Sulphate, Strophanthhus, Eserine, Aromatic Sulphuric Acid, Nux Vomica, Alum, Croton Oil.

---

**Lentigo.**—A pigmented discoloration of the skin. See CHLOASMA.

---

**FORMULAS.**

**Laryngitis.**

**R** Syphilitic:
- Mercury Bichloride...... 1 grn.
- Potassium Iodide........ 2 dr.
- Cinnamon Water......... 3 fl. oz.
Teaspoonful 3 times daily.

**R** Tubercular:
- Thicol.................. 2 dr.
- Syr. Orange............. 1 fl. oz.
- Water................... 1 fl. oz.
Teaspoonful, gradually increased to 3 teaspoonfuls, 3 times daily.

**R** Formaldehyde Medicinal 1 fl oz.
Add 2 drops to 2 ounces water, use as gargle, and spray 3 times daily.

A 1 per cent, gradually increased to 10 per cent., solution is employed 2 or 3 times a week; before using strongest solution, 4 per cent. cocaine hydrochlorate solution is applied.

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**PART II.** FORMULAS.

**Leprosy.**—A chronic skin disease that is somewhat infectious and due to the bacillus leprae.

\[
\begin{align*}
R & \quad \text{Ichtyol Merck} \quad 1 \text{ fl. dr.} \\
& \quad \text{Mercurial Ointment} \quad 1 \text{ oz.} \\
& \quad \text{Lanum} \quad 1 \text{ oz.} \\
& \quad \text{Oil Rose Geranium} \quad 2 \text{ drops}
\end{align*}
\]

Apply freely night and morning.

**I**

\[
\begin{align*}
R & \quad \text{Ext. Chelidonium (fresh)} \quad 1 \text{ dr.} \\
& \quad \text{Iodole} \quad 1 \text{ dr.} \\
& \quad \text{Resorcin Merck} \quad 1 \text{ dr.} \\
& \quad \text{Petrolatum} \quad 3 \text{ dr.} \\
& \quad \text{Lanum} \quad 4 \text{ dr.}
\end{align*}
\]

Apply freely. Put patient on Levico Water.

**Ichthalbin**

\[
\begin{align*}
\text{Eucalyptol Merck} & \quad 4 \text{ dr.} \\
\text{Euquinine} & \quad 40 \text{ grn.} \\
\text{Garantose} & \quad 1 \text{ grn.}
\end{align*}
\]

Divide into 40 powders.

One, increased to two, before each meal.

(Conjunction with topical treatment.)

**OTHER REMEDIES FOR LEPROSY:**

Arsenous Acid, Arsenic Iodide, Gadou, Gold Chloride, Chaulmoogra Oil, Gurjun Oil, Silver Nitrate, Potassium Iodide, Sulphur Iodide.

---

**Leucemia.**—See Leukocytethemia.

**Leucocytethemia.**—An exceedingly fatal disease in which the white corpuscles of the blood are enormously increased. Called also Leucemia and Leukemia.

\[
\begin{align*}
R & \quad \text{Eucalyptol Merck} \quad 100 \text{ min.} \\
& \quad \text{Piperin} \quad 1 \text{ dr.} \\
& \quad \text{White Wax} \quad 1 \text{ dr.} \\
& \quad \text{Powd. Althea} \quad 2 \text{ dr.}
\end{align*}
\]

Make into 100 pills.

3 to 5 thrice daily.

**OTHER REMEDIES FOR LEUCOCYTETHEMIA:**


---

**Leucoma.**—A form of corneal opacity. See Keratitis.

**Leucoplasia Buccalis.**—White patches on the mucous membrane of the mouth that sometimes become the seat of cancer. (See also Aphthe).

\[
\begin{align*}
R & \quad \text{Resorcin Merck} \quad 40 \text{ grn.} \\
& \quad \text{Boric Acid} \quad 40 \text{ grn.} \\
& \quad \text{Glycerin} \quad 6 \text{ fl. dr.} \\
& \quad \text{Water} \quad \text{to make} \quad 2 \text{ fl. oz.}
\end{align*}
\]

Use as mouth-wash 3 times daily.

---

**OTHER REMEDIES FOR LEUPOPLASIA:**

Peruvian Balsam, Borax, Salicylic Acid, Carbohc Acid, Hydrogen Peroxide.

---

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Leucorrhea.—Whites.—Whitish colored discharge from the vagina.

R
Alum........................................ 6 oz.
Boric Acid.................................. 2 oz.
Level teaspoonful in 1 quart warm water as vaginal douche twice daily; followed by introduction of one of following vaginal suppositories, kept in place with small tampon.

R
Ichthyol Merck............................ 1 fl. dr.
Tannic Acid “Superior, Merck”........... 1 dr.
Ext. Belladonna............................ 4 grn.
Oil Theobroma, to make 12 suppositories

R
With acid discharge:
Sodium Borate............................. 4 oz.
Sodium Bicarbonate....................... 8 oz.
Potassium Chlorate......................... 4 oz.
Two level tablespoonfuls in 2 quarts warm water twice daily as douche.

R
With anemia:
Hemogallol................................. 4 dr.
Euquinine.................................... 1 dr.
Arsenous Acid Merck....................... 1½ grn.
Ext. Nux Vomica............................ 10 grn.
Make into 120 pills.
Two after meals.

OTHER REMEDIES FOR LEUCORRHEA:
Carbolic Acid, Chromeic Acid, Nitric Acid, Bismuth Salts, Copper Sulphate, Creosote, Witch-hazel, Hydrastis, Iodine, Iodoform, Turpentine Oil, Pyoktanin, Resorcin, Tannoform, Thymol, locally; Alkalies, Aloes, Arsenic, Copaiba, Ergot, Iron Chloride, Pulsatilla, internally.

Leukemia.—See Leucocytethmia.

Lice.—Pediculi. Parasitic animals that produce local irritation.

R
Body lice:
Carbolic Acid Merck...................... 1 dr.
Glyceria...................................... 1 fl. oz.
Oil Rosemary................................. 5 drops
Alcohol........................................ 6 dr.
Water........................................... to make fl. oz.
Wash body with soap and water and apply this solution with sponge. Boil clothing.

R
Head lice:
Mercury Bichloride........................ 5 grn.
Alcohol........................................ 6 fl. dr.
Rose Water................................. to make 6 fl. oz.
Apply every morning, after shampoo with soap. "Poison!"

OTHER REMEDIES FOR LICE:

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Lichen.—The name applied to a group of papular skin diseases.

R
Potassium Cyanide........ 4 grn.
Chloroform................ 10 min.
Glycerin.................. 1 fl. dr.
Lanum....................... 7 dr.

Apply 2 or 3 times daily.

R
Salicylic Acid Merck...... 10 grn.
Ichthyol Merck.............. 30 min.
Oil Lemon Grass............ 2 drops
Lanum....................... 5 dr.
Vaseline..................... 3 dr.

Apply morning and night.

R
Bismuth Subnitrate........ 2 dr.
Zinc Oxide Merck.......... 2 dr.
Ichthyol Merck.............. 2 fl. dr.
Tinct. Digitalis............ 4 fl. dr.
Rose Water.................. to make 6 fl. oz.
Give alkaline bath containing sodium bicarbonate and bran; then apply this lotion.

R
Carbolic Acid Merck...... 10 grn.
Mercury Bichloride........ 2 grn.
Ichthyol Merck.............. 30 min.
Zinc Oxide Ointment........ 1 oz.

Apply morning and night on lint.

R
Levico Water (Mild).... 1 bottle
Tablespoonful, diluted, after meals, morning and night, increasing dose gradually to 3 tablespoonfuls, after a week begin on strong Levico Water.

R
Chloroform............. 1 fl. dr.
Olive OIl................ to make 3 fl. oz.
After a bath and thorough drying, rub in this liniment.

R
Ichthyol Merck......... 3 fl. dr.
Cold Cream.............. 5 dr.
Lanum................... 10 dr.

Apply morning and night.

OTHER REMEDIES FOR LIKENATHER:
Aconite. Alkalies, Calomel, Ichthoalin, Internally; Cantharides, Mercury, Naftalan, Silver Nitrate, Sulfur, Tar, Thymol, externally.

Lipoma.—A tumor composed of fat.

R
Ichthyol Merck........ 2 fl. dr.
Iodine Ointment......... 3 dr.
Lanum.................... 3 dr.

Apply freely several times daily.
**Lips, Chapped.**—Superficial cracking of the mucous membrane of the lips. See Chapping.

**Lithemia.**—An abnormal increase of urates and uric acid in the blood. (See also Gout and Rheumatism.)

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
</table>
| R | Saliformin 2 dr.  
Lithium Salicylate Merck 1 dr.  
Peppermint Water to make 4 fl. oz.  
Dessertspoonful 3 times daily. |

| R | Lithium Bromide Merck 1 oz.  
Solut. Potassium Citrate 5 fl. oz.  
Wine Colchicum Root 1 fl. oz.  
Teaspoonful in sweetened water 2 hours after each meal. Reduce dose after a week. |

**Other Remedies for Lithemia:**
- Benzoic Acid, Nitric Acid, Salicylic Acid, Alkalies, Arsenic, Calcium Boroxyte, Colchicum, Formin, Hippurates, Magnesium Carbonate, Potassium Salts, Strontium Lactate.

**Lithiasis.**—The formation of stony concretions. See Calculi.

**Lithuria.**—See Lithemia.

**Liver Diseases.**—See Hepatic Diseases.

**Lock-jaw.**—See Trismus and Tetanus.

**Locomotor Ataxia.**—Tabes Dorsalis. Posterior Spinal Sclerosis.—Characterized chiefly by inco-ordination of muscular movements, lancinating pains, and disturbance of cutaneous sensibility.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
</table>
| R | Arsen-hemol 30 grn.  
Strychnine Sulphate 26 grn.  
Buquinine 20 grn.  
Ext. Taraxacum 20 grn.  
Make into 20 pills.  
One 3 times daily; gradually increase dose to 2 pills by giving an extra pill every fourth day. |

| R | For “lightning” pains:  
Acetanilid 1 dr.  
Caffeine Merck 1 grn.  
Dionin 8 grn.  
Sodium Bicarbonate 15 grn.  
Garantose 3/4 grn.  
Make into 15 powders.  
One or 2 for 2 doses, half hour apart, if necessary; then one every 4 to 6 hours as required. |

| R | For syphilitic and mental poisoned cases:  
Sodium Iodide 1 oz.  
Syr. Tolu 1 fl. oz.  
Water to make 6 fl. oz.  
Teaspoonful in milk or coffee, 3 times daily; gradually increase till physiological effects are produced. |

| R | Methylene Blue Medicinal Merck 40 grn.  
Powd. Nutmeg 40 grn.  
Dionin 15 grn.  
Ext. Cannabis Indica 4 grn.  
Dispense in 20 capsules.  
One after each meal. |

**Other Remedies for Locomotor Ataxia:**
- Nitrohydrochloric Acid, Amyl Nitrite, Belladonna, Physostigma, Indian Hemp, Gold Chloride, Ergot, Exalgine, Gaduol, Glyzerinophosphates, Hydroxyan, Mercuro-iodo-hemol, Corrosive Sublimate, Morphine, Phosphorus, Pilocarpine, Potassium Bichromate, Silver Salts.

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**LUPUS.—A skin disease believed to be caused by the bacillus tuberculosis, and characterized by reddish or brownish new formations, usually terminating in ulceration.**

**R**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salicylic Acid Merck</td>
<td>2 dr.</td>
</tr>
<tr>
<td>Solut. Antimony Chloride</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Cresote (Beechwood)</td>
<td></td>
</tr>
<tr>
<td>Merc.</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Ext. Cannabis Indica</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Lanum</td>
<td>1 oz.</td>
</tr>
</tbody>
</table>

Apply 3 times daily.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salicylic Acid Merck</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Zinc Oxide Merck</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Ichthyol Merck</td>
<td>90 min.</td>
</tr>
<tr>
<td>Mercury Oleate (5 per cent)</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>White Vaseline</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Lanum</td>
<td>4 dr.</td>
</tr>
</tbody>
</table>

Apply twice daily.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thioslanamine Merck</td>
<td>8 grn.</td>
</tr>
<tr>
<td>Cocaine Hydrochlorate Merck</td>
<td>2 grn.</td>
</tr>
<tr>
<td>Glycerin</td>
<td>1 fl. dr.</td>
</tr>
<tr>
<td>Boiled Distilled Water</td>
<td>1 fl. dr.</td>
</tr>
</tbody>
</table>

Inject 10 to 30 minims into back twice weekly.

**OTHER REMEDIES FOR LUPUS:**


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**LYMPHADENOMA.—See PSEUDO-LEUKEMIA.**

**LYMPHANGITIS.—Inflammation of a lymphatic vessel.**

**R**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ichthyol Merck</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Belladonna Ointment</td>
<td>3 dr.</td>
</tr>
<tr>
<td>Lanum</td>
<td>3 dr.</td>
</tr>
</tbody>
</table>

Apply freely to inflamed part.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Syr. Iron Iodide</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Wine Cod-liver Oil from Gadoulo</td>
<td>to make 8 fl. oz.</td>
</tr>
</tbody>
</table>

Tablespoonful in pint warm water as lotion, applied unstintingly.

**OTHER REMEDIES FOR LYMPHANGITIS :**

Pieric Acid, Carbolic Acid, Tannic Acid, Resorcin, Zinc Salts, Mercury Salts, externally; Euquiline, Quinine, Salicyl, Levico Water, Guaiacol, Thiocol, Internally.

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187
FORMULAS.

Malaria.—See Intermittent Fever and Remittent Fever.

Mal de Mer.—See Sea-Sickness.

Mammary Inflammation.—Inflammation of the breasts. See Mastitis.

Mania.—Insanity with great mental excitement.

R Acute:
- Hyoscyne Hydrobromate Merck .......... ¼ grn.
- Ext. Taraxacum .......... 1 dr.

Make into 24 pills.
One every 4 to 6 hours, with caution.

R Scopolamine Hydrobromate Merck .......... ¼ grn.
Distilled Water .......... 150 min.
Inject 4 to 15 minims subcutaneously as required.

R Paraldehyde Merck .......... 4 fl. dr.
Amylene Hydrate Merck .......... 2 fl. dr.
Simple Elixir .......... to make 4 fl. oz.

Two tablespoonfuls in water every 3 hours.

R Chronic:
- Bromipin .......... 4 fl. oz.
Oil Cassia .......... 4 drops

Half to one tablespoonful 3 times daily.

R Ergotin (Bonjean) Merck 40 grn.
Caffeine Merck .......... 20 grn.
Euquinine .......... 20 grn.

Make into 20 pills.
One after each meal and at bedtime.

OTHER REMEDIES FOR MANIA:
Hydrocyanic Acid, Valerianic Acid, Atropine, Belladonna, Camphor, Chloroform, Cinchicifuga, Croton Oil, Digitalis, Dubolsine, Ether, Gamboge, Iron salts, Morphine, Opium, Physostigma, Scopolamine, Sulfonal, Veratum Viride.

Marasmus.—A wasting away of infants from mal-assimilation of food

Infantile Atrophy.

R Wine Cod-liver Oil from
Gaduol .......... 4 fl. oz.
Syr. Iron Iodide .......... 1 dr.
Syrup .......... 3 fl. oz.
Water .......... to make 8 fl. oz.

Teaspoonful to tablespoonful, according to age, 3 times daily.

R Euquinine .......... 8 grn.
Hemogalloyl .......... 30 grn.
Sugar .......... 30 grn.
Dispense as 30 powders.

R Chronic:
- Sodium Bromide .......... 2 dr.
Ammonium Bromide .......... 4 dr.
Simple Elixir .......... 3 fl. oz.

Teaspoonful in water every 4 hours; increase dose to 2 teaspoonfuls if required.

R Epileptic:
- Potassium Bromide .......... 5 dr.
Monobromated Camphor Merck .......... 75 grn.
Acetanilid .......... 30 grn.
Garantose .......... 1 grn.

Make into 30 powders.
Two every 3 hours till overcome.

R Puerperal:
- Sodium Sulphate .......... 4 dr.
Peppermint Water .......... 2 fl. oz.

Take at a dose, in half pint water.

R Potassium Bromide .......... 2 dr.
Chloral Hydrate Merck .......... 4 dr.
Syr. Orange .......... 2 fl. oz.
Water .......... to make 6 fl. oz.

Dessertspoonful every 2 hours.

R Quinine Sulphate .......... 5 grn.
Dilut. Sulphuric Acid .......... 5 drops
Syr. Orange .......... 1 fl. oz.
Water .......... to make 3 fl. oz.

Teaspoonful 3 times daily.

R Iron and Quin. Citrate
with Strychnine .......... 8 grn.
Tinct. Valerian .......... 2 fl. dr.
Simple Elixir .......... to make 2 fl. oz.

Teaspoonful 3 or 4 times daily.

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Formulas.

Marasmus.—Continued.

**Other Remedies for Marasmus:**
Iron salts, Mercury salts, Iodides, Pancreatin, Pepsin, Mineral Acids, Nux Vomica, Peptonizing Powder.

**Mastitis.—Mammitis.**—Inflammation of the breasts.

<table>
<thead>
<tr>
<th>R</th>
<th>Manganese Iodide Merck 30 grn.</th>
<th>8 fl. oz</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Wine Cod-liver Oil from Gaduo</td>
<td>3 fl. dr.</td>
</tr>
<tr>
<td>R</td>
<td>Iodine Merck 4 fl. dr.</td>
<td></td>
</tr>
<tr>
<td>R</td>
<td>Belladonna Ointment 1 oz.</td>
<td></td>
</tr>
<tr>
<td>R</td>
<td>Cerate Lead Subacetate 1 oz.</td>
<td></td>
</tr>
<tr>
<td>R</td>
<td>Apply to breast freely 3 times daily, and apply tight bandage. Give saline purge in beginning.</td>
<td></td>
</tr>
<tr>
<td>R</td>
<td>Zinc-Oxide Ointment 1 oz.</td>
<td></td>
</tr>
<tr>
<td>R</td>
<td>Belladonna Ointment 1 oz.</td>
<td></td>
</tr>
<tr>
<td>R</td>
<td>Iodine Merck 3 fl. dr.</td>
<td></td>
</tr>
<tr>
<td>R</td>
<td>For cough:</td>
<td>For fever:</td>
</tr>
<tr>
<td>R</td>
<td>Codeine Sulphate Merck 2 grn.</td>
<td>Potassium Citrate 4 dr.</td>
</tr>
<tr>
<td>R</td>
<td>Syr. Ipecac 1 fl. dr.</td>
<td>Tinct. Aconite 6 min.</td>
</tr>
<tr>
<td>R</td>
<td>Camphor Water to make 3 fl. oz.</td>
<td>Syr. Tolu 1 fl. oz.</td>
</tr>
<tr>
<td>R</td>
<td>Teaspoonful every 2 hours, for children of 6 years; 1/2 to 3/4 teaspoonful for younger ones.</td>
<td>Water to make 3 fl. oz.</td>
</tr>
<tr>
<td>R</td>
<td>Dionin 1 1/2 grn.</td>
<td>Half to one teaspoonful every 2 hours, for children of 1 to 2 years: less for small infants.</td>
</tr>
<tr>
<td>R</td>
<td>Syr. Tolu 1 fl. oz.</td>
<td>For itching:</td>
</tr>
<tr>
<td>R</td>
<td>Teaspoonful every 2 hours, for children of 10 years.</td>
<td>Iodine Merck 1 fl. dr.</td>
</tr>
<tr>
<td>R</td>
<td>Lanum 2 oz.</td>
<td>Cold-Cream 1 oz.</td>
</tr>
<tr>
<td>R</td>
<td>Anoint body 3 or 4 times daily.</td>
<td></td>
</tr>
</tbody>
</table>

**Other Remedies for Measles:**
Ammonium Acetate, Ammonium Carbonate, Antimony salts, Camphor, Iodine, Jaborandi, Potassium Bromide, Pulsatilla, Potassium Chlorate, Quinine, Veratrum Viride, Zinc Sulphate.

**Measles.—Rubeola; Morbilli.**—A contagious disease, with skin eruption and catarrhal symptoms of throat, eyes, nose, and ears.

| R | For cough: | For fever: |
| R | Codeine Sulphate Merck 2 grn. | Potassium Citrate 4 dr. |
| R | Syr. Ipecac 1 fl. dr. | Tinct. Aconite 6 min. |
| R | Camphor Water to make 3 fl. oz. | Syr. Tolu 1 fl. oz. |
| R | Teaspoonful every 2 hours, for children of 6 years; 1/2 to 3/4 teaspoonful for younger ones. | Water to make 3 fl. oz. |
| R | Dionin 1 1/2 grn. | Half to one teaspoonful every 2 hours, for children of 1 to 2 years: less for small infants. |
| R | Syr. Tolu 1 fl. oz. | For itching: |
| R | Teaspoonful every 2 hours, for children of 10 years. | Iodine Merck 1 fl. dr. |
| R | Lanum 2 oz. | Cold-Cream 1 oz. |
| R | Anoint body 3 or 4 times daily. |

**Other Remedies for Melancholia:**
Insanity with gloomy forebodings and depression of spirits.

| R | Zinc Valerianate Merck 20 grn. |
| R | Iron Valerianate Merck 20 grn. |
| R | Asafoetida 2 dr. |
| R | Make into 30 pills. |
| R | One 3 times daily. Look after digestive apparatus. |

| R | Arsenious Acid Merck 1 grn. |
| R | Hemogallol 24 dr. |
| R | Ext. Nux Vomica 10 grn. |
| R | Muclage Acacia |
| R | Sugar to make 60 pills. |
| R | Two after each meal. |

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FORMULAS.

Melancholia.—Continued.

R  As generative tonic:
  Arsenuous Acid Merck 4 gm.
  Equinine 40 grn.
  Excic. Iron Sulphate 40 grn.
  Strychnine Sulphate 1 gm.

Make into 40 pills.
One after each meal.

OTHER REMEDIES FOR MELANCHOLIA:
Hydrocyanic Acid, Nitrohydrochloric Acid, Alcohol, Arsenic, Belladonna, Bromides, Caffeine, Chloral Hydrate, Chloroform, Choleifuga, Cocaine, Colchicum, Gold Chloride, Ignatia, Iron salts, Morphine, Musk, Nitrous Oxide, Opium, Phosphorus, Zinc Phosphide.

Meningitis.—Brain Fever; Cerebro-Spinal Fever.—Meningeal inflammation of the brain or spinal cord. (See also Myelitis.)

R  Acute:
  Calomel 6 grn.
  Sodium Bicarbonate 20 grn.
  Sugar 40 grn.

Make into 30 powders.
One every hour until they act, then one every three hours; continuing for two days.
(Initial treatment.)

R  Tinct. Aconite 1 fl. dr.
  Simple Elixir 1 fl. dr.
One to two drops, according to age, hourly till pulse is soft.
(In early stage.)

R  Antipyrine 40 grn.
  Morphine Sulphate Merck 4 grn.
  Syr. Lemon 6 fl. dr.
  Water to make 2 fl. oz.

Half to 2 teaspoonfuls, according to age, every 2 hours.
(During stage of excitement.)

R  Paraldehyde Merck 1 fl. oz.
  Arom. Elixir 2 fl. oz.
Dessertspoonful to tablespoonful in water at bedtime.
(For insomnia.)

R  For Sleeplessness:
  Dormiol, 50% 2 fl. dr.
  Simple Elixir 4 fl. dr.
  Oil Anise 1 drop
  Syrup to make 1 fl. oz.

One or two teaspoonfuls at bedtime.

Menière's Disease.—A form of vertigo due to disease of the middle ear.
See Deafness and Vertigo.

Meningitis.—Brain Fever; Cerebro-Spinal Fever.—Meningeal inflammation of the brain or spinal cord. (See also Myelitis.)

R  Chronic:
  Potassium Iodide 1 dr.
  Potassium Bromide 1 dr.
  Syr. Orange 1 fl. oz.
  Water to make 3 fl. oz.

Dessertspoonful in water after meals.
(For adults.)

R  Thioeol 4 oz.
  Syr. Orange 2 fl. oz.
  Water 2 fl. oz.

Teaspoonful, gradually increased to 3 teaspoonfuls, 3 times daily.
(For adults.)

R  Syr. Iron Iodide 2 fl. dr.
  Wine Cod-liver Oil from Gaduol 4 fl. oz.

Teaspoonful in water after meals.
(For children.)

R  Calcium Glycerinophosphate Merck 12 grn.
  Iodo-hemol 10 grn.
  Euquinine 40 grn.

Dispense in 30 cachets.
One after each cachet.
(For adults.)

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FORMULAS.

**Meningitis.**—Continued.

**OTHER REMEDIES FOR MENINGITIS:**
Alcohol, Ammonium Carbonate, Tartar Emetic, Belladonna, Digitalis, Gelsemium, Hyoscyamus, Phosphorus, Oil Turpentine, Quinine.

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**Menopause.**—The period in a woman’s life when menstruation comes to an end.

**OTHER REMEDIES FOR MENOPAUSE:**
- Alcohol, Ammonium Carbonate, Tartar Emetic, Belladonna, Digitalis, Gelsemium, Hyoscyamus, Phosphorus, Oil Turpentine, Quinine.
- Nux vomica, Phosphorus, Oil Turpentine, Quinine.

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**Menorrhagia.**—Excessive menstruation.

**OTHER REMEDIES FOR MENORRHAGIA:**
Gallic Acid, Tannic Acid, Arsenic, Berberine, Bromides, Calcium Phosphate, Cannabis Indica, Digitalis, Guaiacum, Witch-hazel, Hydrastis, Oil Erigeron, Oil Cinnamon, Rhus Aromatica, Rue, Savine, Cotton Root, Senega.

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**Metrorrhagia.**—Hemorrhage from the uterus. Treatment internally the same as for Menorrhagia; locally, with styptics such as Iron salts, Antipyrine, Tannic Acid, Gallic Acid, Alum, etc.

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**Menstragra.**—See Barber’s Itch.

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**Mercurialism.**—Chronic poisoning by salts of Mercury; See Ptyalism.

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**Meteorism.**—Accumulation of gas in intestines; See Tympanites.

---

**Metritis.**—Inflammation of the uterus.

**R** Constitutional treatment:
- **Stypticin Merck:** 8 grn.
- **Tinct. Aconite:** 15 mth.
- **Fl. Ext. Gelsemium:** 1 fl. dr.
- **Simple Elixir...to make 1 fl. oz.**

**B**
- **Ichthalbin:** 3 dr.
- **Hemol:** 2 dr.
- **Euquinine:** 40 grn.
- **Garantosce:** 1 grn.

Dispense as 30 powders.
One 3 times daily.

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**Other Remedies for Metritis:**
Carbolic Acid, Nitrile Acid, Creosote, Iodine, Iodoform, Iodoformogen, Silver Nitrate, Potassa, Oil Turpentine.

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FORMULAS.

PART II.

Migraine.—A unilateral, paroxysmal headache. See Headache.

Milk, Deficiency of.—See Agalactia.

Milk, Excess of.—See Galactorrhea.

Milk Leg.—Inflammation of the femoral vein from obstruction by thrombosis, in puerperal women. See Phlegmasia Alba Dolens.

Milk Fever.—Fever attending the establishment of lactation.

R. Tinct. Aconite 20 min.
    Tartar Emetic 2 grn.
    Syrup 1 fl. oz.
    Orange-flower Water 2 fl. oz.
Teaspoonful in sweetened water every 2 hours.

Mitrail Diseases.—See Heart Diseases.

Morbill.—See Measles.

Morning Sickness.—See Vomiting: Pregnancy.

Morphinism.—Opium Habit.—Morbid condition induced by the constant use of morphine or opium.

R. Codeine Phosphate Merck 15 grn.
Distilled Water 150 min.
Carbolic Acid Merck ¼ grn.
Inject 15 minims subcutaneously as required. As much as 45 grains codeine phosphate have been injected in one day.

R. Phosphorus 1 grn.
Reduced Iron Merck 90 grn.
Eucrinitie 90 grn.
Ext. Nux Vomica 15 grn.
Make into 90 pills.
One after each meal.
(As restorative.)

OTHER REMEDIES FOR MORPHINISM:
Ammonium Valerianate, Atropine, Bromo-hemol, Bromipin, Cannabis Indica, Capsicum, Chloral, Cocaine, Contum, Duboisine, Eserine, Gelsemium, Gold and Sodium Chloride, Hyoscyne Hydrobromate, Iron Salts, Nitroglycerin, Paradehyde, Sparteine Sulphate, Sodium Bromide, Strychnine, Zinc Oxide.

Mumps.—Parotitis.—A contagious disease in which the parotid glands become inflamed.

R. Constitutional treatment:
Potassium Citrate 2 dr.
Tinct. Aconite 4 min.
Syr. Tolu to make 4 fl. oz.
Dessertspoonful in water every 2 hours. (In febrile stage.)

R. Constitutional treatment:
Syr. Iron Iodide 4 fl. dr.
Wine Cod-liver Oil from Gadoul to make 8 fl. oz.
Tablespoonful after each meal.

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Mumps.—Continued.

**R** Constitutional treatment:

Ichthyol Merck .......... 1 fl. dr. 
Euquinine .......... 20 grn. 
Iodo-hemol .......... 90 grn. 

Mass and dispense in 15 capsules.

One 3 times daily.

**R** Local treatment:

Ichthyol Merck .......... 2 fl. dr. 
Lanum .......... 2 dr. 
Cerate Lead Subacetate .......... 2 dr. 
Belladonna Ointment .......... 2 dr. 
Oil Rose .......... 2 drops 

Apply 3 times daily.

**R** Local treatment:

Lead Iodide .......... 45 grn. 
Ichthyol Merck .......... 1 fl. dr. 
Ammonium Chloride .......... 30 grn. 
Petrolatum .......... 3 dr. 
Lanum .......... 5 dr. 

Apply freely 3 times daily.

**OTHER REMEDIES FOR MUMPS:**

Ammonium Acetate, Jaborandi, Gualacol, Ichthalbin, Mercury salts, Internally; Carabolic Acid, Lead Acetate, Boric Acid, Resorcin, Iodine, externally.

**Muscae Volitantes.**—The appearance of little specks floating before the eyes.

**R**

Potassium Iodide .......... 1 dr. 
Wine Cod-liver Oil from Gadual .......... 6 fl. oz. 

Tablespoonful 3 times daily.

**OTHER REMEDIES FOR MUSCAE VOLITANTES:**

Syrup Iron Iodide, Mercury salts, Iron salts, Nux Vomica, Camphor, Manganese salts.

**Myalgia.**—Pain in the muscles. See LUMBAGO, TORTICOLLIS, INFLUENZA, and RHEUMATISM (Muscular).

**Myelitis.**—Inflammation of the substance of the spinal cord. (See also MENINGITIS: Acute.)

**R**

Mercury Bichloride .......... 1 grn. 
Potassium Iodide .......... 150 grn. 
Comp. Syr. Sarsaparilla .......... 12 fl. dr. 
Water .......... to make 4 fl. oz. 

Teaspoonful, increased to dessert-spoonful, after meals, in water. 
(In syphilitic subjects.)

**Myxedema.**—A kind of dropsy with a mucous deposit in the connective tissues.

**R**

Tablets Thyraden, 2 grn. No. 100 
One to 2 tablets, gradually increased to 4, 3 times daily.

**R**

Thyroldin Merck .......... 30 grn. 
Arsenic Acid Merck .......... 1 grn. 

Make into 60 pills. 
One, gradually increased to 2, 3 and 4, after meals. When beneficial effect is produced, diminish dose. Interrupt treatment occasionally.

**OTHER REMEDIES FOR MYXEDEMA:**

Arsenic, Iodothyrine, Iron salts, Jaborandi, Nitroglycerin, Pilocarpine, Strychnine.

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FORMULAS.

Nails, ingrowing.

R
- Lead Acetate 30 grn.
- Ichthyol Merck 1 fl. dr.
- Tinct. Oplum 1 fl. dr.
- Water to make 4 fl. oz.

Apply freely until inflamed matrix is better; then cut nail.

OTHER REMEDIES FOR INGROWING NAIL:

Narcotism.—Stupor produced by narcotic drugs.

R
- Distilled Water 1 fl. oz.

Inject 30 minims hypodermically, as emetic.

OTHER REMEDIES FOR NARCOTISM:
- Caffeine, Squill, Ipecac, Strychnine, Zinc Sulphate.

Nasal Diseases.—See Acne, Catarrh, Epistaxis, Influenza, Ozena, etc.

Nausea.—See Vomiting.

Necrosis.—Death of bone. See Caries.

Neoplasms.—New formations. See Cancer, Condylomata, etc.

Nephritis.—Bright’s Disease.—Disease of the kidneys. (See also Dropsy.)

R

Acute:
- Calomel 1 grn.
- Sodium Bicarbonate 10 grn.

Dispense as 6 powders. One every half hour, followed 6 hours after last dose by Rochelle salt. (Initial treatment.)

R
- Tinct. Aconite 12 min.
- Solut. Potassium Citrate 2 fl. oz.
- Syr. Tolu to make 3 fl. oz.

Teaspoonful every 2 hours. (In early stage.)

R
- Methylene Blue Medicinal Merck 30 grn.
- Powd. Nutmeg 30 grn.

Put into 20 capsules. One or two 3 times daily.

R

Chronic:
- Tablets Ichthalbin, Merck, 5 grn. No. 100

Two to 4 tablets before meals. (For albuminuria.)

R
- Solut. Potassa 1 fl. oz.
- Water 4 fl. oz.

Apply on cotton-wool to margin of nail at point of ulceration until nail is soft, then remove latter.

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Nephritis.—Continued.

R. For convulsions:
Amyl Nitrite Pearls ..... No. 100
One or two to be broken in handkerchief and inhaled.

R. For dropsy:
Potassium Acetate .......... 150 grn.
Tablespoonful every 2 to 4 hours.

R. Elaterin Merck .......... 1 grn.
Potassium Bitartrate .......... 2 oz.
Dissolve elaterin in little alcohol, and mix evenly with potassium bitartrate: divide into 12 powders.
One every 2 hours until bowels operate.

R. Theobromine Salicylate
Merck .......... 3 dr.
Potassium Bitartrate .......... 2 dr.
Make into 24 powders.
Two every 2 or 3 hours, followed by water.

OTHER REMEDIES FOR NEPHRITIS:

Nervous Exhaustion.—See Neurasthenia.

Nervousness.—Morbid psychical irritability.

R. Strychnine Sulphate .......... ¼ grn.
Ammonium Valerianate
Merck .......... 30 grn.
Simple Elixir to make 2 fl. oz.
Teaspoonful every 2 hours.

R. Strychnine Sulphate .......... ¾ grn.
Euquinine .......... 1 dr.
Phosphorus .......... ½ grn.
Make into 30 pills.
One 3 times a day.

R. Morphine Valer. Merck .......... 1 grn.
Tinct. Aconite .......... 8 min.
Comp. Tinct. Cardamom
...... to make 2 fl. oz.
One or two teaspoonfuls every 2 or 3 hours.

OTHER REMEDIES FOR NERVOUSNESS:
Silver Phosphate, Potassium Bromide, Bromo-hemol, Caffeine, Camphor, Chloral Hydrate, Chloroform, Comium, Erzot, Levico Water, Musk, Opium, Phosphorus, Strontium Bromide, Sumbul, Suprarenal Capsule, Zinc Phosphide.

Nettle Rash.—A form of skin eruption. See Urticaria.
Neuralgia.—Paroxysmal acute pain in a nerve. See also Headache.

R
Ichthyol Merck .......... 15 min.
Mercurial Ointment .......... 15 grn.
Chloroform .......... 90 min.

Anoint or paint painful region.
Shake well before using.

R
Anemic:
Arsenous Acid Merck .. 1/4 grn.
Hemogallol .......... 3 dr.
Euquinine .......... 40 grn.
Peppermint Oil Sugar .......... 1 dr.

Dispense as 30 powders.
One after meals.

R
Arsenous Acid Merck .. 1 grn.
Reduced Iron Merck .......... 1 dr.
Euquinine .......... 1 dr.
Phosphorus .......... 3/4 grn.

Make into 60 pills.
One after meals.

R
Gastralgic:
Cocaine Hydrochlorate
Merck .......... 5 grn.
Dionin .......... 4 grn.
Syr. Orange .......... 4 fl. dr.
Water .......... to make 1 fl. oz.

Teaspoonful every 2 hours till relieved.

R
Codeine Phosph. Merck .. 5 grn.
Bismuth Subnitrate .......... 1 dr.
Cerium Oxalate Merck .......... 12 grn.
Milk Sugar .......... 36 grn.

Make into 12 powders.
One every 2 hours till relieved.

R
Malarial:
Methylene Blue Medicinal
Merck .......... 30 grn.
Codeine Sulphate Merck .......... 8 grn.

Dispense in 15 capsules.
One after each meal, or 4 times daily, if necessary.

R
Aconitine Potent Merck .. 1/20 grn.
Atropine Sulphate Merck .......... 1/20 grn.
Euquinine .......... 24 grn.

Make into 12 pills.
One every 4 or 5 hours.
(For severe pain.)

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Neuralgia.—Continued.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>R</td>
<td>Sciatic:</td>
</tr>
<tr>
<td>Aconitine Potent (Cryst.) Merck</td>
<td>2 grn.</td>
</tr>
<tr>
<td>Methylen Blue Medicinal Merck</td>
<td>30 grn.</td>
</tr>
<tr>
<td>Powd. Nutmeg</td>
<td>30 grn.</td>
</tr>
<tr>
<td>Codelne Sulphate Merck</td>
<td>8 grn.</td>
</tr>
<tr>
<td>Ext. Cannabis Indica</td>
<td>4 grn.</td>
</tr>
</tbody>
</table>

Dispense in 15 capsules. One every 4 or 5 hours. (For severe pain.)

R

Morphine Sulphate Merck | 2 grn. |
Atropine Sulphate Merck | 2 grn. |
Tinct. Aconite | 8 min. |
Fl. Ext. Cannabis Indica | 24 min. |
Simple Elixir... to make | 1 fl. oz. |
Teaspoonful every 3 or 4 hours till relieved.

R

Dionin | 12 grn. |
Triphenlin | 3 dr. |
Caffeine Merck | 20 grn. |
Garantose | ½ grn. |
Make into 12 powders.
One to 4 powders daily, at least 4 hours apart.

R

Tinct. Colchicum Seed | 4 fl. dr. |
Tinct. Belladonna | 2 fl. dr. |
Tinct. Aconite | 1 fl. dr. |
Spt. Glonin (1 per cent.) | 30 min. |
Fifteen minims every 6 hours.

R

Calcium Glycerinophosphophate Merck | 15 grn. |
Magnesium Glycerinophosphate Merck | 18 grn. |
Potassium Glycerinophosphate Merck (50 per cent.) | 30 min. |
Sodium Glycerinophosphate Merck (75 per cent.) | 90 min. |
Distilled Water (fresly boiled) | 6½ fl. dr. |
Inject 50 to 60 minims into seat of pain, once a day.

R

Sciatric:

Oil Wintergreen | 1 fl. dr. |
Chloroform | 4 fl. dr. |
Tinct. Aconite | 4 fl. dr. |
Tinct. Capsicum | 3 dr. |
Menthol Merck | 30 grn. |
Alcohol... to make | 4 fl. oz. |
Apply freely over seat of pain.

OTHER REMEDIES FOR NEURALGIA:

Acetanilid, Monobromated Camphor, Exalgin, Gelsemium, Hyoscyamus, Nitroglycerin, Oplum, Quinine Salicylate, Salol, internally, for pain; Perosmic Acid, Aconitine, Carbolated Camphor, Ether, Gualacol, Oil Croton, Oil Mustard, Oil Peppermint, Oil Turpentine, for local application; Cod-liver Oil, Gaduoil, Gold and Sodium Chloride, Iodides, Mercury salts, Zinc salts, Nickel salts, as alternatives internally.

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197
Neurasthenia.—An exhausted or debilitated condition of the nervous system. (See also Hypochondriasis.)

\[
\begin{align*}
\text{R} & \quad \text{Strychnine Sulphate} \quad \frac{3}{4} \text{grn.} \\
& \quad \text{Strontium Brom. Merck} \quad 5 \text{ dr.} \\
& \quad \text{Elixir Phosphorus (N.F.)} \quad 1 \text{ fl. oz.} \\
& \quad \text{Simple Elixir} \quad 4 \text{ fl. oz.} \\
& \quad \text{Teaspoonful after each meal.}
\end{align*}
\]

\[
\begin{align*}
\text{R} & \quad \text{Phosphorus} \quad 1 \text{ grn.} \\
& \quad \text{Arsenous Acid Merck} \quad 1 \text{ grn.} \\
& \quad \text{Euphonia} \quad 1 \text{ dr.} \\
& \quad \text{Hemol} \quad 2 \text{ dr.} \\
& \quad \text{Ext. Nux Vomica} \quad 15 \text{ grn.} \\
& \quad \text{Make into 60 pills.} \\
& \quad \text{One after meals.}
\end{align*}
\]

\[
\begin{align*}
\text{R} & \quad \text{Calcium Glycerinophosphate Merck} \quad 3 \text{ dr.} \\
& \quad \text{Citric Acid} \quad 15 \text{ grn.} \\
& \quad \text{Distilled Water} \quad 12 \text{ fl. oz.} \\
& \quad \text{Sugar} \quad 20 \text{ oz.} \\
& \quad \text{Dissolve glycerinophosphate and citric acid in the water, then dissolve in this solution the sugar, without heat.} \\
& \quad \text{Tablespoonful 3 times daily.}
\end{align*}
\]

OTHER REMEDIES FOR NEURASTHENIA:
Levico Water, Bromipin, Bromo-hemol, Codeine, Gaduol, Gold, Hypophosphites, Orexine, Sumbul, Zinc Oxide.

Neuritis.—Inflammation of a nerve.

\[
\begin{align*}
\text{R} & \quad \text{Acute:} \\
& \quad \text{Guaiacol Merck} \quad 4 \text{ fl. dr.} \\
& \quad \text{Chloroform} \quad 4 \text{ fl. dr.} \\
& \quad \text{Paint about 45 minims over painful spot 2 or 3 times daily; add cover with impervious dressing.}
\end{align*}
\]

\[
\begin{align*}
\text{R} & \quad \text{Chloral Hydrate Merck} \quad 2 \text{ dr.} \\
& \quad \text{Camphor} \quad 2 \text{ dr.} \\
& \quad \text{Tinct. Aconite} \quad 2 \text{ fl. dr.} \\
& \quad \text{Triturate the chloral hydrate and camphor together until liquefied; then add the aconite tincture,} \\
& \quad \text{Paint over painful nerve 3 times daily.}
\end{align*}
\]

\[
\begin{align*}
\text{R} & \quad \text{Ichthylol Merck} \quad 1 \text{ fl. dr.} \\
& \quad \text{Ext. Belladonna} \quad 30 \text{ grn.} \\
& \quad \text{Ext. Aconite} \quad 1 \text{ dr.} \\
& \quad \text{Corate Lead Subacetate} \quad 3 \text{ dr.} \\
& \quad \text{Lanum} \quad 3 \text{ dr.} \\
& \quad \text{Rub in well several times daily.}
\end{align*}
\]
PART II.
FORMULAS.

Neuritis.—Continued.

\[ \text{Tubercular:} \]
- Guaiacol Merck \( 15 \text{ min.} \)
- Glycerin \( 2 \text{ fl. dr.} \)

Inject into muscle of painful region.

\[ \text{Syr. Iodide Merck} \]
\[ \text{Glycerin} \]
\[ \text{Wine Cod-liver Oil from Gaduol} \]

Tablespoonful after meals.

\[ \text{Tubercular:} \]
- Thiocol Merck \( 2 \text{ dr.} \)
- Syr. Orange \( 4 \text{ fl. oz.} \)
- Ichthyol Merck \( 2 \text{ fl. dr.} \)
- Water \( 2 \text{ fl. oz.} \)

Dissolve thiocol in syrup, and ichthyol in water; then mix solutions. Half tablespoonful, increased to tablespoonful, after meals, in water.

\[ \text{Optic:} \]
- Rubidium Iodide Merck. \( 25 \text{ grn.} \)
- Distilled Water \( 1 \text{ fl. oz.} \)

Instil few drops into eyes several times daily.

OTHER REMEDIES FOR NEURITIS:
Ichthalbin, Gold salts, Mercury salts, Iodides, Salicylates, Levico Water.

Night-sweats.—Excessive sweating in bed at night. See Phthisis: Night-sweats.

Nipples, Sore.—See Fissures: Of nipples.

Nose-bleed.—See Epistaxis.

Nymphomania.—Abnormal sexual desire in females.

\[ \text{Sodium Iodide} \]
\[ \text{Sodium Bromide} \]
\[ \text{Tinct. Lupulin} \]
\[ \text{Tinct. Hyoscymus} \]
\[ \text{Syr. Ginger} \]
\[ \text{Camphor Water} \]

Tablespoonful in water after meals.

OTHER REMEDIES FOR NYMPHOMANIA:
Sulphuric Acid, Camphor, Digitalis, Opium, Sulphur, Squill, Tobacco.

Obesity.—Over-fatness.

\[ \text{Tablets Thyraden, 2 grn. No. 100} \]
\[ \text{One or two tablets 3 times daily} \]

\[ \text{Thyroidin Merck} \]
\[ \text{Potassium Iodide} \]
\[ \text{Powd. Ext. Poke Root} \]
\[ \text{Pepsin} \]

Dispense in 60 capsules. One after meals, cautiously increased to 4 capsules per dose, if required.

OTHER REMEDIES FOR OBESITY:

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FORMULAS.

Odontalgia.—Aching of teeth due to necrosis and exposure of nerve. See Toothache.

Edema.—See Dropsy.

Onychia.—Paronychia.—Inflammation of the matrix of a nail.

R Ichthyl Merck 2 fl. dr.
    Ext. Opium 15 grn.
    Lanum 3 dr.
    Cerate Lead Subacetate 3 dr.
    Apply freely after evacuating pus.

R Pyoktanin 10 grn.
    Tinct. Opium 90 min.
    Water 3 fl. oz.
    Apply on lint after evacuating pus, or as prophylactic as soon as inflammation has begun.

Other Remedies for Onychia:
Cocaine Hydrochlorate, Iodine, Idoole, Iodoform, Iodoformogen, Oil Turpentine, Alum, Chloral Hydrate, Corrosive Sublimate, Iron Chloride, Lead salts, Silver Nitrate, Tannin, Tar, Tartar Emetic.

Oöphoritis.—Inflammation of the ovaries. See Ovaritis.

Ophthalmia.—Purulent inflammation of the eye. See Conjunctivitis: Gonorrheal.

Opium Habit.—See Morphinism.

Orchitis.—Inflammation of the testicle. See Epididymitis.

Oriental Plague.—See Plague, Bubonic.

Osteomalacia.—Lessening of the earthy constituents of the bones, and their consequent softening.

R Calcium Glycerinophosphate Merck 2 dr.
    Syr. Ginger 6 fl. dr.
    Water to make 3 fl. oz.
    Teaspoonful, increased to 2 teaspoonfuls, 3 times daily.

R Wine Cod-liver Oil from Gadoulo 3 fl. oz.
    Calcium Lactophosphate Soluble, Merck 50 grn.
    Simple Elixir to make 5 fl. oz.
    Tablespoonful 3 times daily.

R Mild Levico Water 1 bottle
    Tablespoonful, diluted, after meals and at night. Gradually increase till strong Levico Water can be taken.

Other Remedies for Osteomalacia:

Otaalgia.—Earache.

R Ichthyl Merck 30 min.
    Distilled Water 4 fl. dr.
    Glycerin 4 fl. dr.
    Drop into ear 3 times daily.

R Chloral Hydrate Merck 20 grn.
    Camphor 20 grn.
    Carbolic Acid Merck 20 grn.
    Castor Oil 1 fl. oz.
    Pour into ear warm, to fill it; cover with cotton and a cloth wet with warm water.

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PART II.

**Otalgia.**—Continued.

**Inflammatory:**

<table>
<thead>
<tr>
<th>R</th>
<th>Inflammatory:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Solut. Hydrogen Peroxide</td>
</tr>
<tr>
<td></td>
<td>Warm Water</td>
</tr>
<tr>
<td></td>
<td>Inject into ear until cleansed; then insert cotton soaked in solution.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R</th>
<th>Ichthyol</th>
<th>2 fl. dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cold Cream</td>
<td>2 dr.</td>
</tr>
<tr>
<td></td>
<td>Lanum</td>
<td>2 dr.</td>
</tr>
<tr>
<td></td>
<td>Thoroughly cleanse ear with warm water; then insert small amount of this into ear so as to anoint auditory canal. Do this morning and night.</td>
<td></td>
</tr>
</tbody>
</table>

**Neuralgic:**

<table>
<thead>
<tr>
<th>R</th>
<th>Neuralgic:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Chloroform</td>
</tr>
<tr>
<td></td>
<td>Expr. Oil Almond</td>
</tr>
<tr>
<td></td>
<td>Instil little into meatus, and hold there until it warms up canal. Warm slightly before introducing.</td>
</tr>
</tbody>
</table>

**FORMULAS.**

**Neuralgic:**

| H | Neuralgic:
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td></td>
<td>Chloroform</td>
</tr>
<tr>
<td></td>
<td>Expr. Oil Almond</td>
</tr>
</tbody>
</table>

**Otorrhea.**—Purulent discharge from ear.

**Internal treatment:**

<table>
<thead>
<tr>
<th>R</th>
<th>Internal treatment:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Wine Cod-liver Oil from Gadul.</td>
</tr>
<tr>
<td></td>
<td>Syr. Iron Iodide</td>
</tr>
<tr>
<td></td>
<td>Tablespoonful 3 times daily.</td>
</tr>
<tr>
<td>(In scrofulous cases.)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R</th>
<th>Sodium Arsenate</th>
<th>Merck</th>
<th>3 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Reduced Iron</td>
<td>Merck</td>
<td>1 dr.</td>
</tr>
<tr>
<td></td>
<td>Euquinine</td>
<td>1 dr.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ext. Nux Vomica</td>
<td>10 grn.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Make into 60 pills.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>One after meals.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(As general tonic.)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Local treatment:**

<table>
<thead>
<tr>
<th>R</th>
<th>Local treatment:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Carbolic Acid</td>
</tr>
<tr>
<td></td>
<td>Lead Acetate</td>
</tr>
<tr>
<td></td>
<td>Tinct. Opium</td>
</tr>
<tr>
<td></td>
<td>Warm Water</td>
</tr>
<tr>
<td></td>
<td>Irrigate auditory canal twice daily.</td>
</tr>
</tbody>
</table>

**Ovaritis.**—Oophoritis.—Inflammation of the ovaries.

<table>
<thead>
<tr>
<th>R</th>
<th>Tablets Ichthalbin, Merck, 5 grn. No. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One or two 3 times daily, before meals, in conjunction with local treatment per vaginam.</td>
</tr>
</tbody>
</table>

**Local treatment:**

<table>
<thead>
<tr>
<th>R</th>
<th>Local treatment:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ichthyol Merck</td>
</tr>
<tr>
<td></td>
<td>Distilled Water</td>
</tr>
<tr>
<td></td>
<td>Glycerin</td>
</tr>
<tr>
<td></td>
<td>After thorough daily syringing with warm chamomile tea, allow 4 to 8 drops to run into ear.</td>
</tr>
</tbody>
</table>

**OTHER REMEDIES FOR OTOCRAEA:**

<table>
<thead>
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<tbody>
<tr>
<td></td>
<td>Diazin</td>
</tr>
<tr>
<td></td>
<td>Ext. Cannabis Indica</td>
</tr>
<tr>
<td></td>
<td>Camphor</td>
</tr>
<tr>
<td></td>
<td>Make into 6 pills.</td>
</tr>
<tr>
<td></td>
<td>One twice daily.</td>
</tr>
</tbody>
</table>

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FORMULAS.

Ovaritis.—Continued.

R
Ovariin Merck ............ 2 dr.
Ext. Licorice ............ 1 dr.
Make into 40 pills.
One to two 3 times daily.

R
Ichthyol Merck ............ 1 fl. dr.
Camphor ............ 45 grn.
Mercurial Ointment ............ 6 dr.
Ext. Belladonna ............ 2 dr.
Rub in twice daily.

R
Ext. Opium ............ 10 grn.
Ext. Belladonna ............ 5 grn.
Lead Acetate ............ 8 grn.
Ichthyol Merck ............ 1 fl. dr.
Oil Theobroma ............ to make 10 suppositories
Insert one as far up in vagina as possible, once daily.

OTHER REMEDIES FOR OVARITIS:
Conium, Gold Chloride, internally; Mercury Bichloride, Tartar Emetic, Oil Turpentine, Zinc salts, Hydrastinine Hydrochlorate, locally.

Oxaluria.—Oxalic acid or oxalates in the urine.

R
Nitric Acid ............ 2 fl. dr.
Comp. Tinct. Cinchona ............ 1 fl. oz.
Syr. Ginger ............ 1 fl. oz.
Teaspoonful after meals, in water.

R
Lactic Acid ............ 1 fl. dr.
Tinct. Aconite ............ 10 min.
Tinct. Gentian ............ 2 fl. dr.
Syr. Orange ............ 4 fl. dr.
Water ............ to make 2 fl. oz.
Teaspoonful 4 times daily, in water.

OTHER REMEDIES FOR OXALURIA:
Mineral Acids, Iron Chloride, Zinc Sulphate.

Ozena.—Chronic inflammation of the mucous membrane of the nose, with fetid discharge.

R
Local treatment:
Carbolic Acid Merck ............ 5 grn.
Borax ............ 1 dr.
Sodium Bicarbonate ............ 1 dr.
Glycerin ............ 1 fl. oz.
Water ............ to make 4 fl. oz.
Use as spray several times daily.

R
Potassium Permanganate 2 dr.
Distilled Water ............ 16 fl. oz.
Tablespoonful to pint tepid water as nasal douche.

R
Ichthyol Merck ............ 40 min.
Menthol Merck ............ 5 grn.
Lanum ............ 1 oz.
Cleanse nostrils with 5 per cent solution of hydrogen peroxide or weak solution of sodium chloride. At bed time introduce a piece of ointment as large as a bean, and snuff back.

R
Iodoformogen ............ 1 dr.
Blasmuth Subnitrate ............ 1 dr.
Milk Sugar Merck ............ 1 dr.
Use freely as snuff after previous cleansing.

R
Calomel ............ 15 grn.
Boric Acid (Impalpable Powd.) ............ 2 dr.
Milk Sugar ............ 2 dr.
Use as snuff 3 times daily, after cleansing with douche.
(In syphilitic ozena.)

R
Iodole ............ 30 grn.
Tannic Acid “Superior, Merck” ............ 30 grn.
Boric Acid ............ 30 grn.
Snuff.
Use 5 or 6 times a day at first, later thrice daily.

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PART II.

FORMULAS.

Constitutional treatment:
- Hemogallol: 2 dr.
- Ichthala: 3 dr.
- Euquinine: 40 grn.
- Peppermint Oil Sugar: 1 dr.

Dispense as 20 powders, one 3 times daily.
(As alternative.)

R

Local treatment:
- Ichthyol Merck: 1 fl. dr.
- Water: 3 fl. dr.

Thoroughly cleanse nares, then introduce pledgets of cotton saturated with the solution, and leave in place for 15 to 30 minutes. After this, pledgets are removed, and oil sprays used to finish treatment.

Constitutional treatment:
- Wine Cod-liver Oil, from Gaduo: to make 8 fl. oz.

Tablespoonful after meals.
(As anticholeric.)

OTHER REMEDIES FOR OZENA:

PAIN
- See BACKACHE, CALCULI, COLIC, EPIDIDYMIS, GASTRALGIA, HEADACHE, NEURALGIA, RHEUMATISM, etc.

PALPITATION
- See spasmodic, violent action of the heart. See HEART DISEASES.

Palsy
- See ANALYSIS.

Papilloma
- A tumor composed of hypertrophied papillae, as in the wart. See WARTS.

Paralysis
- Loss of sensation or voluntary motion from disease or injury of the nervous system.

R

Agitans:
- Strychnine Sulphate: 1 grn.
- Arsenous Acid Merck: 2 grn.
- Euquinine: 40 grn.
- Valer's Mass: 40 grn.
- Ext. Belladonna: 5 grn.
- Ext. Taraxacum: 20 grn.

Make into 40 pills.
One 3 times daily.
(As tonic.)

R

Sodium Glycerinophosphate Merck: 4 dr.
- Distilled Water: 13 fl. dr.
- Orange-flower Water: 12 fl. dr.
- Syr. Orange: 4 fl. dr.

Small teaspoonful 3 times daily.
(As tonic.)

R

Zinc Valerianate Merck: 30 grn.

Make into 24 pills.
One to 2 pills 3 times daily.
(To quiet tremors.)

Bladder
- See BLADDER PARALYSIS.

This manual is a general compendium of the materia medica. Such articles as may be had of the Merck brand are especially so designated throughout the book. When ordering or prescribing these, please specify: Merck!
FORMULAS.

Paralysis.—Continued.

R Muscular:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphorus</td>
<td>1 grn.</td>
</tr>
<tr>
<td>Arsenous Acid Merck</td>
<td>1½ grn.</td>
</tr>
<tr>
<td>Exsic. Iron Sulphate</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Euquinine</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Ext. Nux Vomica</td>
<td>15 grn.</td>
</tr>
</tbody>
</table>

Make into 60 pills.
One after meals.

R Paralytic:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strichne Sulphate</td>
<td>½ grn.</td>
</tr>
<tr>
<td>Fl. Ext. Rhus Radicans</td>
<td>30 min.</td>
</tr>
<tr>
<td>Simple Elixir</td>
<td>to make 2 fl. oz.</td>
</tr>
</tbody>
</table>

Teaspoonful, 3 times daily.

OTHER REMEDIES FOR PARALYSIS:

Indian Hemp, Contum, Dubolsine, Gelsemium, Calcium Lactophosphate, Levico Water, Sparteine.

Parametritis.—Inflammation of the tissues around the uterus. See Metritis.

Parasites.—Plants or animals living upon or within the human body. See Lice, Worms, Scabies, etc.

Paronychia.—Abscess of the finger. See Felon.

Parotitis.—Inflammation of the parotid gland. See Mumps.

Parturition.—The bearing of children. See Labor.

Pediculi.—Parasites on the head and body. See Lice.

Pemphigus.—An inflammatory disease of the skin, characterized by successive crops of vesicles, which usually leave pigmented spots.

R External treatment:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc Oxide Merck</td>
<td>2 dr.</td>
</tr>
<tr>
<td>Ichthyol Merck</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Lanum</td>
<td>5 dr.</td>
</tr>
<tr>
<td>Petrolatum</td>
<td>3 dr.</td>
</tr>
</tbody>
</table>

Apply after puncturing vesicles.

R Internal treatment:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Arsenate Medicinal, Merck</td>
<td>2 grn.</td>
</tr>
<tr>
<td>Euquinine</td>
<td>2 dr.</td>
</tr>
<tr>
<td>Valet's Mass</td>
<td>1 dr.</td>
</tr>
</tbody>
</table>

Make into 60 pills.
One after each meal.

R

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Levico Water, Mfd</td>
<td>1 bottle</td>
</tr>
</tbody>
</table>

Tablespoonful, diluted in any beverage, during or after meals and at night. After few days, gradually increase dose to 3 teaspoonfuls. After 1 or 2 weeks substitute strong Levico Water, taken as was the weak.

R

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arsenous Acid Merck</td>
<td>1 grn.</td>
</tr>
<tr>
<td>Ichthablin</td>
<td>5 dr.</td>
</tr>
<tr>
<td>Euquinine</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Reduced Iron Merck</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Peppermint Oil Sugar</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Dis pense as 60 powders</td>
<td></td>
</tr>
<tr>
<td>One, increased to 2, after meals.</td>
<td></td>
</tr>
</tbody>
</table>

OTHER REMEDIES FOR PEMPHIGUS:

Belladonna, Cod-liver Oil, Phosphorus, Sulphides, Internally; Potassium Chlorate, Mercury salts, Tar, Resorcin, externally.

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Pericarditis.—Inflammation of the pericardium. See Heart Diseases.

Perimetritis.—Inflammation of the peritoneum enfolding the uterus. See PeritoniTis.

Periostitis.—Inflammation of the membrane that surrounds a bone.

R

**Syphilitic:**
- Potassium Iodide........ 4 dr.
- Potassium Bromide........ 4 dr.
- Mercury Bichloride........ 1 gr.
- Comp. Syr. Sarsaparilla.... 2 fl. oz.
- Water.................... to make 4 fl. oz.

Teaspoonful after each meal and at bedtime, in milk.

R

**Tuberculous:**
- Ichthyol Merck............ 150 min.
- Thilocol Merck............. 150 grn.
- Syr. Orange................. 4 fl. oz.

Teaspoonful in water, after meals.

R

- Ichthalbin............. 3 dr.
- Iodo-nemol................ 2 dr.
- Garantose............. ½ grn.

Divide into 24 powders.
One 3 times daily.

R

- Syr. Iron Iodide........ 4 fl. dr.
- Wine Cod-liver Oil from Gaduol........ to make 8 fl. oz.

Tablespoonful after meals.

**OTHER REMEDIES FOR PERIOSTITIS:**
- Calcium Phosphate, Mezereon, Phosphates, Glycerinophosphates, internally;
- Barium Iodide, Formaldehyde, Iodine, Zinc salts, Lead salts, Mercury salts, externally.

Peritonitis and Perimetritis.—Inflammation of the peritoneum.

R

**Acute:**
- Magnesium Sulphate...... 1½ oz.
- Sodium Sulphate.......... 1 oz.
- Water..................... 8 fl. oz.

Tablespoonful half-hourly until bowels move freely.
(In beginning.)

R

- Morphine Sulphate Merck 4 grn.
- Water..................... 2 fl. oz.

Teaspoonful immediately after thorough evacuation of the bowels.
If in 2 hours pain is still very severe give 2 teaspoonfuls, and at each succeeding two hours increase by half a teaspoonful until some sign of diminution of pain occurs. Stop the medicine when patient is not suffering or suffering but slightly.

R

- Morphine Sulphate Merck 6 grn.
- Atropine Sulphate Merck ¼ grn.
- Distilled Water........... 4 dr.

10 to 20 minims hypodermically every 2 hours till pain is relieved.

R

- Ichthyol Merck.............. 1 fl. oz.
- Oil Eucalyptus............. 10 min.

Paint entire abdomen once or twice daily, and cover with cotton-wool.

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### Peritonitis

**R Localized (perimetritis, pelvis peritonitis, etc.):**

- Ichthyol Merck: 3 fl. dr.
- Benzoated Lard: 3 dr.
- Lanum: 6 dr.

Apply with gentle friction every 2 to 4 hours for 10 to 20 minutes at a time.

*(Where pain and swelling persist after cessation of acute symptoms.)*

### Other Remedies Used in Peritonitis:

- Acetanilid, Aconite, Ammonium Carbonate; Calomel, Codelne, Hyoscyamus, Opium, Lead Acetate, Quinine, Veratum Viride, internally, in acute cases; Chlorine Water, Iodine, locally; Arsenic, Creosote, Guaiacol, Quinine, internally in chronic form.

### Pernicious Anemia

See *Anemia, Pernicious*.

### Pernicious Malaria

See *Intermittent Fever*.

### Pertussis—Whooping-Cough

A contagious, inflammatory disease of the respiratory tract characterized by a peculiar spasmodic cough ending in a whooping inspiration.

**R**

<table>
<thead>
<tr>
<th>Preparation</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ichthyol Merck</td>
<td>1 fl. dr.</td>
</tr>
<tr>
<td>Peppermint Water</td>
<td>9 fl. dr.</td>
</tr>
<tr>
<td>At first, then 20, 30, and 40 minims, every 4 hours. Shake the bottle.</td>
<td></td>
</tr>
</tbody>
</table>

**R**

<table>
<thead>
<tr>
<th>Preparation</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Bromide</td>
<td>2 dr.</td>
</tr>
<tr>
<td>Glycerin</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Fl. Ext. Chestnut Leaves to make 4 fl. oz.</td>
<td></td>
</tr>
<tr>
<td>Teaspoonful in water every 2 or 3 hours, for children of 8 years; others in proportion.</td>
<td></td>
</tr>
</tbody>
</table>

**R**

<table>
<thead>
<tr>
<th>Preparation</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Bromide</td>
<td>2 dr.</td>
</tr>
<tr>
<td>Fl. Ext. Chestnut Leaves</td>
<td>1 fl. oz.</td>
</tr>
<tr>
<td>Tinct. Belladonna</td>
<td>30 min.</td>
</tr>
<tr>
<td>Syr. Tolu.</td>
<td>2 fl. oz.</td>
</tr>
<tr>
<td>Syrup to make 4 fl. oz.</td>
<td></td>
</tr>
<tr>
<td>Teaspoonful every 2 or 3 hours.</td>
<td></td>
</tr>
</tbody>
</table>

**R**

<table>
<thead>
<tr>
<th>Preparation</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antispasmin</td>
<td>30 grn.</td>
</tr>
<tr>
<td>Pectoral Elixir (Ph. G.)</td>
<td>6 fl. dr.</td>
</tr>
<tr>
<td>Distilled Water to make 8 fl. oz.</td>
<td></td>
</tr>
<tr>
<td>Children under one year from ½ to ¼ teaspoonful: from 1 to 3 years, ½ to ¾ teaspoonful: older children, from 1 to ½ teaspoonful, 3 to 4 times a day.</td>
<td></td>
</tr>
</tbody>
</table>

### Other Remedies for Whooping-Cough:


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Pharyngitis.—Simple Angina.—Inflammation of the pharynx.

**R**

**Acute:**
- Morphine Sulphate Merck 2 grn.
- Carboilic Acid Merck 30 grn.
- Tannic Acid "Superior, Merck" 30 grn.
- Glycerin 4 fl. dr.
- Water 4 fl. dr.

Paint throat 3 or 4 times daily.

**R**

- Ichthyol Merck 90 mln.
- Carboilic Acid Merck 20 grn.
- Glycerin 1 fl. oz.
- Water to make 8 fl. oz.

Use as gargle every 2 hours.

**R**

- Dllosn. 5 grn.
- Potass. Chlorate 15 grn.
- Oil Peppermint 2 mln.
- Ext. Krameria 15 grn.
- Ext. Licorice 150 grn.

Divide into 30 troches.
One every 2 hours.

**R**

- Cocaine Hydrochlorate Merck 10 grn.
- Boric Acid 30 grn.
- Distilled Water 4 fl. dr.

Cleanse throat by gargling, and after drying apply above with brush every 2 hours.

**R**

- Tinct. Aconite 33 mln.
- Tinct. Belladonna 30 mln.
- Syr. Lemon 4 fl. dr.
- Cinnamon Water to make 4 fl. oz.

Teaspoonful every 3 hours.

**R**

- Tinct. Iron Chloride 24 mln.
- Potass. Chlorate 4 grn.
- Syr. Ginger 1 fl. oz.
- Distilled Water 2 fl. oz.

Teaspoonful every 2 hours. (In children.)

**R**

- Atrophic:
  - Pilocarpine Hydrochlorate Merck 2 grn.
  - Glycerin 1 fl. oz.
  - Water 1 fl. oz.

Teaspoonful 3 times daily.

**R**

- Chronic:
  - Menthol Merck 1 dr.
  - Expr. Oil Almond 10 fl. dr.

Apply with brush.

**R**

- Chronic:
  - Silver Nitrate 40 grn.
  - Distilled Water 1 fl. oz.

Cleanse throat, and apply with brush.

**R**

- Carboilic Acid Merck 5 grn.
- Tinct. Iodine 2 fl. dr.
- Tannic Acid "Superior, Merck" 30 grn.
- Glycerin to make 2 fl. oz.

Apply with swab 2 or 3 times daily. (Where much edema.)

**R**

- Follicular (clergyman's sore throat):
  - Iodine 3 grn.
  - Potassium Iodide 5 grn.
  - Trichloracetic Acid Merck 7 grn.
  - Glycerin 4 fl. dr.
  - Water 4 fl. dr.

Apply with brush several times daily.

**R**

- Gangrenous:
  - Ichthyol Merck 4 fl dr.
  - Carboilic Acid Merck 10 grn.
  - Oil Rose 2 drop.
  - Expr. Oil Almond 4 fl. d.

Apply with brush.

**R**

- Solut. Hydrogen Peroxide 1 fl. oz.
- Carboilic Acid Merck 10 grn.
- Water 4 fl. oz.

Use as gargle or spray.

**R**

- Granular:
  - Resorcin Merck 40 grn.
  - Ammon. Chloride 1 dr.
  - Glycerin 2 fl. dr.
  - Distilled Water to make 4 fl. oz.

Use as gargle during acute stage.

**R**

- Prophylactic:
  - Wine Cod-liver Oil from Gaduo 4 fl. oz.
  - Fowler’s Solution 16 mln.

Dessertspoonful after each meal. (To remove tendency to attacks.)

**R**

- Arsenous Acid Merck 4/5 grn.
- Hemogalol 2 grn.
- Equinone 45 grn.
- Sugar 45 grn.

Dispense as 30 powders.
One after meals. (As tonic.)

---

**OTHER REMEDIES FOR PHARYNGITIS:**

Acetanilid, Sulphurous Acid, Alum, Antipyrine, Chloreliga, Copper Sulphate, Cubeb, Ergot, Witch-hazel, Hydasthine Hydrochlorate, Iodoformogen, Myrrh, Monsel’s Solution, Naphtol, Pyoxtan, Quinine, Salol, Zinc Sulphate.

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FORMULAS.

**Phlebitis.**—Inflammation of a vein. (For *Puerperal Phlebitis*, see *Phlegmasia Alba Dolens*.)

<table>
<thead>
<tr>
<th>R</th>
<th>Lead Acetate</th>
<th>30 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Laudanum</td>
<td>9 fl. dr.</td>
</tr>
<tr>
<td></td>
<td>Water</td>
<td>1 pint</td>
</tr>
<tr>
<td>Apply freely on lint. Keep part elevated.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R</th>
<th>Ichthyl Merck</th>
<th>4 fl. dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ext. Belladonna</td>
<td>2 dr.</td>
</tr>
<tr>
<td></td>
<td>Lanum</td>
<td>6 dr.</td>
</tr>
<tr>
<td>Apply with gentle friction several times daily.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R</th>
<th>Salicylic Acid Merck</th>
<th>4 dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Morphine Hydrochlorate</td>
<td>5 grn.</td>
</tr>
<tr>
<td></td>
<td>Lanum</td>
<td>1 oz.</td>
</tr>
<tr>
<td>Apply freely several times daily. (In cases associated with <em>rheumatism</em>.)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**OTHER REMEDIES FOR PHLEBITIS:**
Calomel, Corrosive Sublimate, Resorcin, Witch-hazel, Carbolic Acid, Lead salts, Zinc salts.

**Phlegmasia Alba Dolens.**—Milk Leg.—Femoral phlebitis from obstruction by thrombosis in women after delivery.

<table>
<thead>
<tr>
<th>R</th>
<th>Ammonium Carbonate</th>
<th>30 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Antipyrine</td>
<td>2 dr.</td>
</tr>
<tr>
<td></td>
<td>Simple Elixir</td>
<td>4 fl. oz.</td>
</tr>
<tr>
<td>Dessertspoonful every three hours if pain is severe.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R</th>
<th>Dionin</th>
<th>8 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Acetanilid</td>
<td>24 grn.</td>
</tr>
<tr>
<td>Make into 8 powders. One every 3 or 4 hours while pain is severe.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R</th>
<th>Tinct. Digitalis</th>
<th>4 fl. dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tinct. Iron Chloride</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Twenty drops in glassful water 3 times daily. (In later stages.)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R</th>
<th>Ichthyl Merck</th>
<th>1 fl. oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Belladonna</td>
<td>1 oz.</td>
</tr>
<tr>
<td></td>
<td>Zinc Ointment</td>
<td>1 oz.</td>
</tr>
<tr>
<td></td>
<td>Lanum</td>
<td>1 oz.</td>
</tr>
<tr>
<td>Apply without friction, wrap leg in cotton-wool, and keep elevated.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**OTHER REMEDIES FOR PHLEGMASIA ALBA DOLENS:**
Hydrochloric Acid, Creosote, Witch-hazel, Pyoktanin, Carbolic Acid.

**Phlegmon.**—Suppurative inflammation in connective tissue, resulting in ulcers and abscesses.

<table>
<thead>
<tr>
<th>R</th>
<th>Ichthyl Merck</th>
<th>2 fl. dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pyoktanin</td>
<td>1 dr.</td>
</tr>
<tr>
<td></td>
<td>Vaselin</td>
<td>3 dr.</td>
</tr>
<tr>
<td></td>
<td>Lanum</td>
<td>5 dr.</td>
</tr>
<tr>
<td>Anoint part 3 times daily. (In <em>idiopathic</em> and <em>scarlatinal phlegmon.</em> )</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R</th>
<th>Colloidal Silver</th>
<th>45 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Vaselin</td>
<td>4 dr.</td>
</tr>
<tr>
<td></td>
<td>Lanum</td>
<td>1 oz.</td>
</tr>
<tr>
<td>Apply every half hour.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R</th>
<th>Ichthyl Merck</th>
<th>1 fl. oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Carbolic Acid Merck</td>
<td>10 grn.</td>
</tr>
<tr>
<td></td>
<td>Distilled Water</td>
<td>1 fl. oz.</td>
</tr>
<tr>
<td>Paint parts, and cover with cotton.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**OTHER REMEDIES FOR PHLEGMON:**
Iodine, Iodoile, Iodoformogen, Silver Nitrate, Resorcin, Corrosive Sublimate.

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PART II.

**FORMULAS.**

**Phosphaturia.—Excess of phosphates in the urine.**

- **R** Salol Merck.............. 3 dr.
- **R** Boric Acid.............. 2 dr.

Dispense as 2 powders.
One before meals.
(Where there is ammoniacal decomposition of urine.)

- **R** Ammonium Benzoate
  - **R** Merck.............. 3 dr.
  - **R** Syr. Orange........... 1 fl. oz.
  - **R** Water.............. to make 3 fl. oz.
  - **R** Dessertspoonful 3 times daily.

- **R** Potass. Glycerinophos-
  - **R** phate Merck............ 30 min.
  - **R** Sodium Chloride........ 1 grn.
  - **R** Distilled Water........ 150 min.

Inject 15 minims hypodermically each day.

**OTHER REMEDIES FOR PHOSPHATURIA:**

Lactic Acid, Benzoic Acid, Hippurates, Nitric Acid, Nitro-hydrochloric Acid.

**Photophobia.—Dread of light.**

- **R** Eserine Sulphate Merck........ 10 grn.
  - **R** Distilled Water........ 4 fl. dr.

Instil 1 or 2 drops into eye.

**OTHER REMEDIES FOR PHOTOPHOBIA:**

Belladonna, Potassium Bromide, Calomel, Coniine, Cocaine, Iodine, Opium, Silver Nitrate.

**Phthisis.—Consumption.—Tuberculosis of the lungs.**

**Anorexia :**

- **R** Orexoids ..................... No. 100
  - **R** Two tablets 2 hours before the two principal meals.

- **R** Euquinine ................. 40 grn.
  - **R** Orexine Tannate........ 150 grn.
  - **R** Powd. Cinnamon........ 20 grn.

Divide into 20 powders.
One 2 hours before two chief meals.

**Cough :**

- **R** Dionin .................... 6 grn.
  - **R** Ext. annablis Indica .... 6 grn.
  - **R** Ext. Licorice ............ 24 grn.

Make into 24 pills.
One, or 2 if necessary, at bedtime.
(For excessive cough.)

**Cough :**

- **R** Terebene Merck........... 2 fl. dr.
  - **R** Dil. Hydrocyanic Acid.... 30 min.
  - **R** Syr. Acacia.............. to make 3 fl. oz.

Teaspoonful in water every 2 to 4 hours. Shake well.
(When excessive, with scanty tenacious secretion.)

- **R** Dionin .................... 12 grn.
  - **R** Ext. annablis Indica .... 6 grn.
  - **R** Ext. Licorice ............ 24 grn.

Make into 24 pills.
One, or 2 if necessary, at bedtime.
(For excessive cough.)

**Cough :**

- **R** Codeine Merck............ 4 grn.
  - **R** Dil. Hydrocyanic Acid.... 1 fl. dr.
  - **R** Ext. Chloroform ......... 30 min.
  - **R** Syr. Lemon .............. 1 fl. oz.
  - **R** Water.............. to make 4 fl. oz.

Make emulsion.
Teaspoonful when cough is troublesome.

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FORMULAS.

Phthisis.—Continued.

R Hectic fever: 
Acetanilid .................. 1 dr. 
Ammonium Carbonate Merck . 10 grn. 
Sugar .................. 1 dr. 
Divide into 20 parts dispensed in parchment paper. 
One powder 3 times daily as required.

R Hemiptyysis (see also Hemoptysis): 
Ergotin (Bonjean) Merck 1 dr. 
Euphrine .................. 30 grn. 
Dispense in 12 capsules. 
One every 3 hours till hemorrhage ceases.

R Nutrient treatment: 
Wine Cod-liver Oill from 
Gadulil .................. 3 fl. oz. 
Tablespoonful 3 times daily.

R Hectic fever: 
Antipyrine .................. 1 dr. 
Syr. Orange ................. 1 fl. oz. 
Water ................. to make 8 fl. oz. 
Tablespoonful 3 times daily.
**Phthisis.**—Continued.

**FORMULAS.**

<table>
<thead>
<tr>
<th>R</th>
<th>To check bacteria:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ththol</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Syr. Orange...to make 5 fl. oz.</td>
<td></td>
</tr>
<tr>
<td>Dessertspoonful to tablespoonful 3 times daily, in water, wine, or milk; for children, half to 2 teaspoonfuls twice daily.</td>
<td></td>
</tr>
</tbody>
</table>

| R | Methylene Blue Medicinal Merck | 45 grn. |
| Powd. Nutmeg | 45 grn. |
| Put into 3 capsules, one daily, increasing to 2, then 3 daily, one with each meal. Increase by one till 15 capsules are being taken each day. |

| R | Guaiacol Merck | 2 fl. dr. |
| Terebene Merck | 2 fl. dr. |
| Menthol Merck | 2 dr. |
| Thymol Merck | 2 dr. |
| Spt. Chloroform | 2 fl. dr. |
| From 5 to 10 drops to be inhaled morning and night. (Inhalant.) |

| R | Formaldehyde Medicinal Merck | 1 fl. dr. |
| Glycerin | 4 fl. dr. |
| Water | 5 fl. oz. |
| Use with an Inhaler 4 to 6 times daily. (Spray inhalation.) |

| R | Sodium Cinnamate Merck | 15 grn. |
| Distilled Water to make 5 fl. dr. |
| Inject 6 to 20 minims intravenously 2 or 3 times weekly. Sterilize before using. |

| R | Guaiacol Merck | 1 dr. |
| Glycerin | 4 fl. dr. |
| Alcohol | 2 fl. oz. |
| Half-teaspoonful in water, after meals; gradually increase dose to 4 teaspoonfuls. |

**OTHER REMEDIES FOR PHTHISIS:**

Carbolic Acid, Salicylic Acid, Sulphurous Acid, Tuberculin, Benzsol, camphor, Chlorine, Eucalyptol, Hydrogen Peroxide, Corrosive Sublimate, sodium Metavanadate, Tar. Thymol, Oil Turpentine, to check bacteria; hydrolorhochloric Acid, Phosphoric Acid, Kumys, Manganese salts, Iron salts, alum, Phosphates, as tonics and nutritive; Ammonium salts, Antimony salts, Apomorphine Hydrochlorate, Benzoin, Butyl Chloral, Cocaine Hydrochlorate, Heroin, Linseed Oil, Oil Scotch Pine to check cough; Aconite, henacetin, Saliolin, to check fever.

**Piles.**—Vascular tumors of the mucous membrane of the rectum. See Hemorrhoids.

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Pityriasis.—Dandruff.—A dry, scaly condition of the skin. (See also Seborrhea.)

**R**  
**Pityriasis.**

**Capitis:**
- Ichthylol Merck 1 fl. dr.
- Vaselin 6 dr.
- Lanum 1 dr.

Anoint surface daily.

Cleanse scalp thoroughly once daily with soap and cold water, and, after drying, apply lotion.

**Versicolor (contagious form):**
- Sodium Thiosulphate 2 dr.
- Rose Water 4 fl. oz.

Apply locally. (Put patient on Levico Water internally.)

**Simplex:**
- Sulphurated Potassa 1 dr.
- Glycerin 3 fl. dr.
- Rose Water ...to make 3 fl. oz.

Use locally once a day.

**Simplex:**
- Sodium Carbonate 2 dr.
- Sodium Sulphide Merck 2 dr.
- Vaselin 3 dr.
- Oil rose ...to make 2 drops
- Lanum ...to make 3 oz.

Anoint scaly surface morning and night.

**Simplex:**
- Precipitated Sulphur 40 grn.
- Salicylic Acid Merck 29 grn.
- Petrolatum 1 oz.

Use as preceding.

**OTHER REMEDIES FOR PITYRIASIS:**
- Carbolic Acid, Sulphurous Acid, Corrosive Sublimate, Borax, Chrysarobin, Citrine Ointment, Lead salts, locally; Alkalies, Gaduol, Glycerino-phosphates, Thyraden, Thyroidin, internally.

**Plague, Bubonic.—Oriental Plague; Egyptian Plague; Malignant Polyadenitis.**—An infectious febrile disease in which the germs are supposed to enter the body through cuts, abrasions, diseased tonsils, etc. It is characterized by a tendency to buboes and carbuncular swellings in various parts of the body. The therapeutics of plague is very unsatisfactory. Hypodermic injections of Yersin's serum promise good results. Sometimes injecting the buboes at an early stage with Carbolic Acid or with Corrosive Sublimate has caused their abortion.

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Pleuritis.—Pleurisy.—Inflammation of the pleura.

**R**

**Acute:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calomel</td>
<td>12 grn.</td>
</tr>
<tr>
<td>Tartar Emetic</td>
<td>3 grn.</td>
</tr>
<tr>
<td>Morphine Sulphate</td>
<td>3 grn.</td>
</tr>
<tr>
<td>Milk Sugar</td>
<td>24 grn.</td>
</tr>
</tbody>
</table>

Make into 24 powders. One every 3 to 5 hours. Strap chest. (In early stage, with pain and fever.)

**R**

Tinct. Aconite ..... 16 min.
Syrup. ..... 4 fl. dr.
Solut. Potass. Citrate ..... 6½ fl. oz.

Tablespoonful every hour until pulse becomes soft; then every 2 or 3 hours. (Before effusion, for fever and circulatory excitement.)

**R**

Potassium Citrate ..... 5 dr.
Antipyrine ..... 1 dr.
Solut. Ammonium Acetate ..... 3 fl. oz.
Syr. Lemon ..... 2 fl. oz.
Water ..... to make 3 fl. oz.

Tablespoonful every hour for 4 doses, then every 2 or 3 hours.

**R**

**Chronic:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oint. Potassium Iodide</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Ichthyol Merck</td>
<td>1 fl. dr.</td>
</tr>
<tr>
<td>Lanum</td>
<td>8 dr.</td>
</tr>
</tbody>
</table>

Rub in 3 or 4 times daily.

**R**

**Chronic:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hemogalol</td>
<td>2 dr.</td>
</tr>
<tr>
<td>Enquiline</td>
<td>30 grn.</td>
</tr>
<tr>
<td>Ichthalbin</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Peppermint Oil Sugar</td>
<td>1 dr.</td>
</tr>
</tbody>
</table>

Dispense as 24 powders. One before meals. (As alterative and hematinic.)

**OTHER REMEDIES FOR PLEURITIS:**

Hydriodic Acid, Conine, Digitalis, Diuretin, Elaterium, Gelsemium, Glycinephosphates, Ichthyol, Iodides, Jalap, Pilocarpine, Quinine, internally: Belladonna, Cantharides, Oil Mustard, Oil Wintergreen, for external application.

Pleurisy, Purulent.—See Empyema.

Pleurodynia.—Neuralgia of the pleural nerves. See Neuralgia.

Pneumonitis.—Lobar Pneumonia.—Acute infectious inflammation of the lungs. (The doses in the following recipes are calculated for adults.)

**R**

**Congestion:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tinct. Aconite</td>
<td>24 min.</td>
</tr>
<tr>
<td>Camph. Tinct. Optum</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Solution Ammonium</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Syr. Ginger</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Water</td>
<td>to make 6 fl. oz.</td>
</tr>
</tbody>
</table>

Tablespoonful every 2 hours, after free purging by calomel.

**R**

**Dry:**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Menthol Merck</td>
<td>6 grn.</td>
</tr>
<tr>
<td>Cocaine Hydrochlorate</td>
<td></td>
</tr>
<tr>
<td>Merck</td>
<td>1 grn.</td>
</tr>
<tr>
<td>Morphine Hydrochlorate</td>
<td>1 grn.</td>
</tr>
<tr>
<td>Lanum</td>
<td>10 dr.</td>
</tr>
</tbody>
</table>

Apply twice daily.

**R**

**With Effusion (hydrothorax):**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wine Cod-liver Oil from Gadul.</td>
<td>to make 8 fl. oz.</td>
</tr>
</tbody>
</table>

Tablespoonful after meals. (For general debility.)

**R**

**With Effusion (hydrothorax):**

<table>
<thead>
<tr>
<th>Formula</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guiacol Merck</td>
<td>45 min.</td>
</tr>
<tr>
<td>Glycerin</td>
<td>5 fl. dr.</td>
</tr>
<tr>
<td>Tinct. Iodine</td>
<td>5 fl. dr.</td>
</tr>
</tbody>
</table>

Paint the chest daily for several days.

**R**

Potassium Acetate ..... 2 oz.
Infus. Digitalis...to make 8 fl. oz.

Tablespoonful in water every 4 hours.

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Pneumonitis.—Continued.

Consoludation:

Potassium Iodide 1 dr.
Ammon. Chloride 30 grn.
Comp. Mixture Liquorice 6 fl. oz.
Tablespoonful 4 times daily.
(To promote absorption. Apply blisters to the chest.)

Cough:

Dionin 6 grn.
Ammonium Chloride 30 grn.
Ft. Ex. Licorice 2 fl. dr.
Glycerin 1 oz.
Syr. Wild Cherry to make 3 fl. oz.
Teaspoonful every 2 or 3 hours, slowly swallowed.

Circulatory depression:

Digitoxin Merck 1/6 grn.
Alcohol 4 fl. dr.
Dissolve, and add Syrup to make 3 fl. oz.
Small teaspoonful every 4 to 6 hours.

Strychnine Sulphate 1/6 grn.
Digitalin "German" 1/2 grn.
Atropine Sulphate Merck 1/6 grn.
Distilled Water 5 fl. dr.
Inject 20 minims hypodermically; repeat if required.
(In crisis, with great circulatory depression.)

Dyspnea:

Ammonium Carbonate Merck 2 dr.
Potassium Iodide 1 dr.
Brandy 3 fl. dr.
Tinct. Hyoscyamus 1 fl. dr.
Syr. Senega 2 fl. dr.
Syr. Tolu 12 fl. dr.
Water to make 8 fl. oz.
Dessertspoonful every 2 hours.

Dyspnea:

Pilocarpine Hydrochloride Merck 3 grn.
Tinct. Stramonium 1 fl. dr.
Syr. Tolu 1 fl. oz.
Water to make 3 fl. oz.
Teaspoonful 3 times daily.

Fever:

Triphenin 40 grn.
Acetanilid 20 grn.
Caffeine Merck 5 grn.
Garantose 1/2 grn.
Dispense as 40 powders.
One every 2 hours till fever subsides.

Antipyrine 20 grn.
Simple Elixir 1 fl. oz.
Teaspoonful every hour till fever declines.

Insomnia:

Dionin 6 grn.
Chloralose Merck 30 grn.
Sugar 30 dr.
Make into 6 powders.
One at bedtime.

Path and restlessness:

Morphine Hydrochloride Merck 1 grn.
Acetanilid 15 grn.
Salicylic Acid Merck 6 grn.
Sugar 12 grn.
Make into 6 powders.
One every 3 or 4 hours.

For anemia and anorexia following:

Orexine Tannate 2 dr.
Hemogailol 2 dr.
Equisilene 1 dr.
Peppermint Oil Sugar 1 dr.
Dispense as 30 powders.
One, an hour before meals.

OTHER REMEDIES FOR PNEUMONIA:

Hydriodic Acid, Phosphoric Acid, Ergot, Gin, Guaiacol, Nux Vomica, Phosphorus, to help resolution; Salicylic Acid, Conifine, Potassium Citrate, Quinine, Sodium Salicylate, Spirit Nitrous Ether, Veratrine, to lower fever; Alcohol, Camphor, Nitroglycerin, for weak heart; Antimony and Potassium Tartrate, Expectorants, Opium, Senega, for cough.

Podagra.—See Gout.

Poisoning.—Abnormal or diseased conditions of the body caused by the ingestion of substances that are chemically or physically destructive to its tissues. For list of Poisons and Antidotes, see page 269. (See also Lead Poisoning.)

Polyadenitis, Malignant.—See Plague, Bubonic.

Porrigo.—Ringworm of the scalp. See Ringworm.

Pox.—See Syphilis.

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Priapism.—See CHORDEE AND NYMPHOMANIA.

Proctitis.—Inflammation of the rectum. See HEMORRHOIDS.

Prolapsus Ani.—Descent of the lower end of the rectum through the anus.

**R**
- Strychnine Sulphate ......... 1 gm.
- Ergotin (Bonjean) Merck ... 2 dr.
- Euquinine .................... 1 dr.

Make into 40 pills.
One after meals.

**R**
- Sodium Sulphate .......... 4 oz.
- Water ...................... 1 pint.

Two tablespoonfuls in tumblerval water, before breakfast.

**OTHER REMEDIES FOR PROLAPSUS ANI:**
- Niteric Acid, Alum, Hydrastis, Iron Sulphate, Silver Nitrate, Tannin, topically; Aloes, Glycerinophosphates, Sulphur, Epsom salt, internally.

Prolapsus Uteri.—Falling of the womb.

**R**
- Strychnine Sulphate ......... 1 gm.
- Euquinine .................... 1 dr.
- Vallet's Mass ................. 90 grm.

Make into 40 pills.
One after each meal.
(As tonic.)

**OTHER REMEDIES FOR PROLAPSUS UTERI:**
- Alum, Decoction Nutgall, Decoction Oak Bark, as vaginal injections; Potassium Bromide, Cimicifuga, Ergot, internally.

Prostatitis.—Inflammation of the prostate gland. (See also PROSTATOBREA.)

**R**
- Calomel .............................. 2 grm.
- Sodium Bicarbonate ......... 10 grm.
- Sugar .............................. 6 grm.

Make into 6 powders.
One every hour. If they have not acted, follow in 2 hours with saline cathartic.

**R**
- Ichthyol Merck ................. 2 fl. dr.
- Ext. Belladonna ............... 3 grm.
- Oil Theobroma ..................

Introduce 2 or 3 daily, after stool.

**R**
- Ext. Hyoscyamus ............... 6 grm.
- Ext. Opium ..................... 4 grm.
- Ichthyol Merck ............... 30 min.
- Oil Theobroma ..................

Introduce 10 minims deep in urethra with long-nozzled syringe, once daily.

**Acute:**
- Tinct. Belladonna .......... 30 min.
- Morphine Sulphate Merck ... 2 grm.
- Syr. Citric Acid .......... 4 fl. dr.
- Solut. Potassium Citrate.

Dispense as 12 powders.
One morning and night.

**CHRONIC:**
- Silver Nitrate ............... 20 grm.
- Distilled Water .............. 4 fl. oz.

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FORMULAS.

Prostatitis.—Continued.

Prostatitis: Chronic:

Iodoform........................................ 30 grn.
Ext. Belladonna............................. 2 grn.
Ichthyol Merck............................... 30 min.
Oil Theobroma................................

R

Chronic:

Ammon. Chloride............................ 4 dr.
Fl. Ext. Licorice ...................... 2 fl. dr.
Sugar.................................... 2 fl. oz.
Water...................................... to make 6 fl. oz.
Tablespoonful in water 3 times daily.

Insert 1 at bedtime.

R

Dried Suprarenal Capsule

Merck........................................... 3 dr.
Ichthalbin...................................... 4 dr.
Peppermint Oil Sugar.................... 1 dr.
Dispense as 36 powders.
One after each meal.
(Where hypertrophy exists.)

OTHER REMEDIES FOR PROSTATITIS:

Buchu, Cantharides, Cubebs, Hydrastis, Iron, Oil Juniper, Oil Turpentine, Ergot, Ammonium Benzoate.

Prostatourrhea.—Gleety discharge from the prostate. (See also PROSTATITIS.)

Prostatourrhea:

Potassium Citrate............................ 6 dr.
Syr. Ginger.................................. 2 fl. oz.
Water...................................... to make 4 fl. oz.
Dessertspoonful in glassful water 3 times daily.

OTHER REMEDIES FOR PROSTATOURRHEA:

Atropine, Hydrastis, Iron, Silver Nitrate, Lead salts, Potassium Bromide.

Prurigo.—An inflammatory disease of the skin, characterized by the occurrence of papules and intense itching.

Prurigo:

External treatment:

Naphtol Resulb. Merck.................. 10 grn.
Washed Sulphur............................. 1 dr.
Tar Ointment............................... 4 dr.
Lanum...................................... to make 1 oz.

Apply freely and leave on for 2 hours; then soap and bathe in warm water.

R

Oill Cade...................................... 2 fl. dr.
Zinc Ointment............................... 4 dr.
Solut. Chlorinated Lime................. 1 fl. oz.
Lanum...................................... 5 dr.

Apply after friction with green soap and tepid water.

R

Ichthyol Merck............................... 1 fl. dr.
Washed Sulphur............................. 1 dr.
Tar Ointment............................... 4 dr.
Lanum...................................... 2 dr.

Apply 2 or 3 times daily, followed by warm bath containing 4 oz. sulphurated potassa to 30 gal. water.

R

Calcium Glycerinophosphate Merck.... 1 dr.
Wine Cod-liver Oil from Gaduol........ 8 fl. oz.
Tablespoonful after meals.
(As alterative.)

R

Antipyrine............................... 40 grn.
Simple Elixir......................... 2 fl. oz.

Teaspoonful whenever itching is very annoying.

R

Calcium Chloride Cryst. Merck...... 4 dr.
Tinct. Cantharides.................. 20 min.
Ext. Nux Vomica...................... 4 grn.
Ext. Dandelion......................... 24 grn.

Make into 24 pills.
One 3 times daily.

R

Calcium Glycerinophosphate Merck.... 1 dr.
Wine Cod-liver Oil from Gaduol........ 8 fl. oz.
Tablespoonful after meals.
(As alterative.)

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**Prurigo.**—Continued.

**R**

<table>
<thead>
<tr>
<th>Internal Treatment:</th>
<th>General:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Arenate Medicinal Merck</td>
<td>Menthol Recryst. Merck</td>
</tr>
<tr>
<td>Euquiline</td>
<td>Benzolnated Lard</td>
</tr>
<tr>
<td>Folic Iron Sulpate</td>
<td>Lanum</td>
</tr>
<tr>
<td>Ext. Nux Vomica</td>
<td></td>
</tr>
<tr>
<td>Make into 60 pills</td>
<td></td>
</tr>
<tr>
<td>One after each meal</td>
<td></td>
</tr>
</tbody>
</table>

*(For debility and anemia.)*

**OTHER REMEDIES FOR PRURIGO:**

Boric Acid, Carbolic Acid, Hydrocyanic Acid, Titnure Aconite, Borax, Calomel, Camphor, Cocaine, Glycerite Tar, Gouard’s Extract, Sulphur Iodide, Iodoform, Mercury Oleate, Resorcin, Silver Nitrate, Sodium Carbonate, Zinc Sulphate, externally: Citric Acid, Salicylic Acid, Atropine, Bromides, Gadual, Gelsemium, Ichthaulbin, Levico Water, Opium, Phosphorus, Quinine, Strychnine, internally.

**Pruritus.**—Intense itching from various causes.

**R**

<table>
<thead>
<tr>
<th>Anal:</th>
<th>General:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resorcin Merck</td>
<td>Menthol Recryst. Merck</td>
</tr>
<tr>
<td>Iththyl Merck</td>
<td>Benzolnated Lard</td>
</tr>
<tr>
<td>Cold Cream</td>
<td>Lanum</td>
</tr>
<tr>
<td>Lanum</td>
<td></td>
</tr>
<tr>
<td>Apply morning and night on pledget of absorbent cotton.</td>
<td>Apply 2 or 3 times daily.</td>
</tr>
</tbody>
</table>

**R**

| Mercury Bichloride            | Strychnine Sulphate | 1 grn.       |
| Ammonlated Mercury           | Ext. Cannabis Indica| 3 grn.       |
| Oil Sassafras                 | Euquiline          | 30 grn.      |
| Vaselin                      |                   |              |
| Lanum                        |                   |              |
| Apply with great care every evening for three days, then wash very thoroughly with castile soap and water on fourth. | Make into 24 pills. |
|                             | One after each meal. |
|                             | (In debilitated subjects.) |

**R**

| Sodium Thiosulphate           | Strychnine Sulphate | 1 grn.       |
| Carbolic Acid Merck           | Ext. Cannabis Indica| 3 grn.       |
| Distilled Water               | Euquiline          | 30 grn.      |
|                             |                   |              |
| Apply frequently on compresses of absorbent cotton. | Make into 24 pills. |
|                             | One after each meal. |
|                             | (In debilitated subjects.) |

**R**

| Salicylic Acid Merck          | Strychnine Sulphate | 1 grn.       |
| Menthol Merck                 | Ext. Cannabis Indica| 3 grn.       |
| Lanum                         | Euquiline          | 30 grn.      |
| Benzolnated Lard              |                   |              |
| Olive Oil                     |                   |              |
| Apply once or twice daily. Bathe parts in morning. | Two teaspoonfuls in water after each meal. |

**R**

| Cocaine Alkaloid Merck        | Strychnine Sulphate | 1 grn.       |
| 10 grn.                      | Ext. Cannabis Indica| 3 grn.       |
| Expri Oil Almond             | Euquiline          | 30 grn.      |
| 1 fl. oz.                    |                   |              |
| Apply externally where there is itching. | Put two tablespoonfuls in glassful hot water, and bathe parts 3 or 4 times daily. |

**R**

| Iththyl Merck                 | Carbolic Acid Merck | 2 grn.       |
| Absolute Alcohol              | Glycerin           | 2 fl. oz.    |
| Ether                         | Resorcin Merck     | 1 grn.       |
| 2 fl. dr.                     | Alcohol            | 3 fl. dr.    |
| 2 fl. dr.                     | Water              | 5 fl. oz.    |
| Paint 2 or 3 times daily.    |                   |              |

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217
FORMULAS.

Pruritus.—Continued.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Apply once or twice daily.</td>
</tr>
</tbody>
</table>

Vulvar and vaginal:

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salicylic Acid Merck 15 grn.</td>
<td>Leathyol Merck 90 min.</td>
</tr>
<tr>
<td>Anoint parts as required.</td>
<td></td>
</tr>
</tbody>
</table>

OTHER REMEDIES FOR PRURITUS:

Lead salts, Mercury salts, Potassium Cyanide, Thymol.

Pseudo-Leukemia.—Lymphadenoma; Hodgkin’s Disease.—Anemia, characterized by hyperplasia of lymphatic glands, hypertrophied spleen (usually), without leucocytosis.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Cacodylate Merck 25 grn.</td>
<td>Cocaine Hydrochlorate Merck 1/2 grn.</td>
</tr>
<tr>
<td>Inject 15 to 30 minims hypodermically daily.</td>
<td></td>
</tr>
</tbody>
</table>

Psoriasis.—Dry Tetter.—A chronic inflammatory skin disease, with itchings, scalings and fissures.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lenirobin 1 dr.</td>
<td>Petrolatum 4 dr.</td>
</tr>
<tr>
<td>Apply freely.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iodo-hemol 2 dr.</td>
<td>Ext. Licorice to make 30 pills</td>
</tr>
<tr>
<td>Two or three times daily, with meals.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Formula</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diffused (Baker’s Itch):</td>
<td>Chrysarobin 1 dr.</td>
</tr>
<tr>
<td>Apply at night.</td>
<td></td>
</tr>
</tbody>
</table>

Levico Water, Mild 1 bottle
Tablespoonful diluted in any beverage 3 times daily with meals. Gradually increase by 1 spoonful per day till 8 per meal are taken, then at the end of 2 weeks give stronger Levico Water, increasing in similar manner. Modify dosage with idiosyncrasies.

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Psoriasis.—Continued.

Infantile:

Soft Soap........................................ 3 dr.
Vaseline........................................ 6 dr.
Ichthylor Merck................................. 5 dr.
Lanum........................................... 8 dr.

Rub in once daily.

Resorcin Merck................................. 15 grn.
Lanum........................................... 6 dr.
White Vaseline................................. 2 dr.

Apply twice daily.

Fowler’s Solution............................. 48 min.
Cod-liver Oil.................................... 4 fl. oz.
Syr. Iron Iodide................................ 1 fl. dr.
Acacia............................................ 1 oz.
Peppermint Water.............................. to make 8 fl. oz.

Teaspoonful after meals.

(In strumous children.)

Maculated:

Ammon. Mercury............................... 30 grn.
Olive Oil......................................... 1 fl. dr.
Lanum........................................... 10 dr.

Apply morning and night.

Chrysarobin.................................... 1 dr.
Oil Cade......................................... 2 fl. dr.
Predp. Sulphur................................ 1 dr.
Olive Oil......................................... 2 fl. dr.
Lanum........................................... 4 dr.

Apply twice daily, after thorough washing.

Ichthylor Merck................................. 1 fl. dr.
Solut. Guttapercha............................ 10 fl. dr.

Apply 2 or 3 times daily.

Arsen-hemol.................................... 80 grn.
Esuquine........................................ 20 grn.
Powd. Ext. Licorice............................ 20 grn.
Muclage Acacia to make 50 pills

Three pills a day, after meals. Increase every fourth day by 1 pill a day until 10 are taken daily; then decrease same way. When daily dose of 3 pills is reached again, discontinue for few days, to resume as before.

Arsenious Acid Merck.......................... 1 grn.
Icthalbin........................................ 5 dr.
Cinnamon Oil Sugar............................ 1 dr.

Make into 40 powders.

One three times daily; gradually increase dose to 2 powders. Occasionally stop treatment.

Universal:

Ichthylor Merck................................. 45 min.
Salicylic Acid Merck.......................... 15 grn.
Tar.................................................. 45 min.
Pyrogallic Acid Merck......................... 30 grn.
Lanum........................................... 6 dr.
Petrolatum....................................... 2 dr.

Apply night and morning, after bathing.

Sulphur.......................................... 5 grn.
Phosphorus...................................... 3 grn.
Lanum........................................... 8 dr.

Apply morning and night.

Ichthylor Merck................................. 90 grn.
Pyrogallic Merck............................... 90 grn.
Salicylic Acid Merck.......................... 90 grn.
Olive Oil......................................... 5 fl. dr.
Lanum........................................... 5 fl. dr.

Apply morning and night, after bathing and thorough drying.

Thyroldin Merck............................... 30 grn.
Ichthylor Merck................................. 5 dr.

Dispense as 60 capsules. One capsule before meals. Gradually increase dose, if necessary, to 4 capsules.

(In obstinate cases, Headache, vertigo or great restlessness indicate excessive dose of thyroldin.)

Syr. Iron Iodide................................. 4 fl. dr.

Wine Cod-liver Oil from Gadou... to make 8 fl. oz.

Tablespoonful after each meal. (In strumous, anemic adults.)

Sodium Cacodylate

Merk.............................................. 30 grn.
Bum.............................................. 4 fl. dr.
Syrup............................................ 4 fl. dr.
Peppermint Water............................. 2 fl. oz.

Tablespoonful, gradually increased to 2 teaspoonfuls, 2 or 3 times daily, in water.

Sodium Cacodylate

Merk.............................................. 25 grn.
Cocaine Hydrochlorate

Merk.............................................. 7/8 grn.
Sodium Chloride............................... 1 grn.
Distilled Water..to make 1 fl. oz.

Inject 15 to 30 minims daily, hypodermically daily.

OTHER REMEDIES FOR PSORIASIS:

Chromic Acid, Gallic Acid, Nitric Acid, Aristol, Calomel, Copper Sulphate, Formaldehyde, Icthalbin, Lead salts, Iodide, Naphthal, Naphthol, Pitch, Sulphur Iodide, Oil Turpentine, externally; Hydroiodic Acid, Mineral Acids, Ammonium Chloride, Ammonium Iodide, Phosphorus, Potassium Acetate, Sulphur, Thyraden, Internally.

This manual is a general compendium of the materia medica. Such articles as may be had of the Merck brand are especially so designated throughout the book. When ordering or prescribing these, please specify: Merck.
**FORMULAS.**

**Ptyalism.—Salivation.—Excessive flow of saliva.**

<table>
<thead>
<tr>
<th>R</th>
<th>Potassium Chlorate</th>
<th>16 grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tinct. Iron Chloride</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td></td>
<td>Glycerin</td>
<td>1 fl. oz.</td>
</tr>
<tr>
<td></td>
<td>Water</td>
<td>2 fl. oz.</td>
</tr>
<tr>
<td></td>
<td><strong>Teaspoonful in water every 2 hours.</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R</th>
<th>Tannic Acid &quot;Superior, Merck&quot;</th>
<th>1 dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Syr. Wintergreen</td>
<td>1 fl. oz.</td>
</tr>
<tr>
<td></td>
<td>Glycerin</td>
<td>1 fl. oz.</td>
</tr>
<tr>
<td></td>
<td>Water</td>
<td>to make 6 fl. oz.</td>
</tr>
<tr>
<td></td>
<td><strong>Use as mouth-wash 5 or 6 times daily.</strong></td>
<td></td>
</tr>
</tbody>
</table>

**OTHER REMEDIES FOR PTYALISM:**

Alum, Atropine, Borax, Brandy, Zinc Chloride, Potassium Bromide, Potassium Iodide, Iodine.

---

**Puerperal Convulsions.—See Convulsions, Puerperal.**

**Puerperal Fever.—Fever of childbirth.**

**R** Internal treatment:

- Calomel | 5 grn. |
- Sodium Bicarbonate | 10 grn. |

At once, on tongue. (At outset, to purge.)

**R** Quinine Sulphate | 1 dr. |
- Oleoresin Capsicum | 2 min. |
- Ext. Lico-rice... to make 12 pills |

One every hour till ears ring, then at longer intervals to keep patient constantly under effect of drug.

**R**

- Acetanilid | 40 grn. |
- Caffine Merck | 6 grn. |
- Sodium Bicarbonate | 1 dr. |
- Powd. Opium | 8 grn. |
- Sugar | 12 grn. |

Make into 12 powders. One every 3 or 4 hours.

**R** Topical treatment:

- Creolin-Pearson | 4 fl. oz. |

Teaspoonful to 2 quarts warm water, as injection night and morning.

**OTHER REMEDIES FOR PUERPERAL FEVER:**

Borde Acid, Carbolic Acid, Borax, Ichthalbin, Potassium Permanganate, Lead Acetate, Zinc Sulphate, for douches: Salicylic Acid, Aconite, Calumba, Camphor, Digitals, Resorcin, Sodium Sulphite, Stramonium, Terebene, Iron Chloride, Veratrum Viride, for internal treatment.

---

**Puerperal Mania. See Mania, Puerperal.**

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220
PART II.

FORMULAS.

Puerperal Peritonitis.—See Peritonitis.

Pulpitis.—Inflammation of the dental pulp. See Toothache.

Purpura.—A disease in which purple patches appear on the skin, not vanishing under pressure.

**R**

<table>
<thead>
<tr>
<th>Hemorrhagic:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Sulphocarbonate</td>
</tr>
<tr>
<td>Merck</td>
</tr>
<tr>
<td>Stypcticin Merck</td>
</tr>
<tr>
<td>Peppermint Water</td>
</tr>
<tr>
<td>Syrup</td>
</tr>
<tr>
<td>Distilled Water</td>
</tr>
</tbody>
</table>

Tablespoonful every 4 hours.

**R**

<table>
<thead>
<tr>
<th>Ichthyol Sodium</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Stypcticin Merck</td>
</tr>
<tr>
<td>Euquoline</td>
</tr>
</tbody>
</table>

Mass and dispense in 60 capsules. Two before each meal.

**R**

<table>
<thead>
<tr>
<th>Dried Suprarenal Capsule</th>
</tr>
</thead>
<tbody>
<tr>
<td>Merck</td>
</tr>
<tr>
<td>Hemogallol</td>
</tr>
<tr>
<td>Peppermint Oil Sugar</td>
</tr>
</tbody>
</table>

Dispense as 48 powders.

One, increased to 2, after meals.

(Where vasomotor relaxation.)

**R**

<table>
<thead>
<tr>
<th>Pyoktanin</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 grn.</td>
</tr>
<tr>
<td>Collargol Ointment</td>
</tr>
<tr>
<td>(Credé)</td>
</tr>
</tbody>
</table>

Rub in thoroughly over abdomen 45 grains once daily, covering hand used with glove. Cover with cloth.

**R**

<table>
<thead>
<tr>
<th>Levico Water, Mild</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 bottle</td>
</tr>
</tbody>
</table>

Tablespoonful 3 times daily, diluted after meals. Increase dose 1 tablespoonful each day until 3 tablespoonfuls are taken after each meal. Then change to Strong Levico Water, increasing dose as before.

OTHER REMEDIES FOR PURPURA:

Digitalis, Ergot, Witch-hazel, Lime Juice, Saltpeter, Phosphates, Quinine.

Pyelitis.—Inflammation of the pelvis of the kidney. See Nephritis.

Pyemia.—Surgical Fever.—Septicemia from pyogenic germs, with abscess formation.

**R**

<table>
<thead>
<tr>
<th>Iechthalin</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 dr.</td>
</tr>
<tr>
<td>Euquoline</td>
</tr>
</tbody>
</table>

Dispense as 12 powders.

One 3 times daily. (Antiseptic, antipyretic, and susten-ant.)

OTHER REMEDIES USED IN PYEMIA:


Pyrosis.—Gastrorrhea; Heartburn.—A disease of the stomach characterized by a burning sensation, accompanied by acid, watery eructations.

**R**

<table>
<thead>
<tr>
<th>Strychnine Sulphate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4 grn.</td>
</tr>
<tr>
<td>Sulphurous Acid</td>
</tr>
<tr>
<td>Syrup</td>
</tr>
<tr>
<td>Water</td>
</tr>
</tbody>
</table>

Teaspoonful in water after meals. (Where lack of peristalsis.)

**R**

<table>
<thead>
<tr>
<th>Resorcin Resubl. Merck</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 grn.</td>
</tr>
<tr>
<td>Sodium Bicarbonate</td>
</tr>
<tr>
<td>Syrup</td>
</tr>
<tr>
<td>Spearmint Water</td>
</tr>
</tbody>
</table>

Tablespoonful 2 hours before meals. (Where acidity.)

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FORMULAS.

Pyrosis.—Continued.

R
Sodium Salicylate Merck 1/4 dr.
Bismuth Subnitrate 1 dr.
Peppermint Oil Sugar 30 grn.

Make into 30 powders.
One after each meal.
(In marked fermentation.)

OTHER REMEDIES FOR PYROSIS:
Carbolic Acid, Gallic Acid, Nitric Acid, Sulphuric Acid, Camphor, Creosote, Lead Acetate, Silver Nitrate, Kino.

Quinsy.—Suppurative inflammation of the tonsils. See Tonsillitis: Phlegmonous.

Rabies.—See Hydrophobia.

Rachitis.—Rickets.—Malnutrition with consequent deformation of the bones, muscular weakness, and nervous disorders, occurring in childhood.

R
Calcium Glycerinophosphate Merck 16 grn.
Syr. Tolu 4 fl. dr.
Water to make 2 fl. oz.

Teaspoonful 3 times daily for children of 1 year; others in proportion.

R
Calcium Phosphate 1 dr.
Hemogallol 1 grn.
Euquinine 10 grn.

Dispense as 30 powders.
One before meals, for child of 2 years.

Another Remedies for Rachitis:
Mineral acids, Cinchona, Copper Arsénite, Hypophosphites, Lime salts, Phosphorus, Physostigma, Quinine, Thyraden, Thyroidin.

Rattlesnake Bites.—See Bites and Stings: Snake.

Rectal Diseases.—See Hemorrhoids, Prolapsus, and Ulcers.

Relapsing Fever.—Famine Fever; Typhus Icteroides.—An acute infectious fever with a tendency to relapse in from five to seven days; usually epidemic. (See also Remittent Fever.)

R
Euquinine 1 dr.
Thalline Sulphate Merck 24 grn.
Ext. Cascara Sagrada 30 grn.

Dispense in 24 capsules.
Two 3 times daily at first, then 1 three times daily.

R
Antipyrine 1 dr.
Tinct. Aconite 30 min.
Syr. Lemon 1 fl. oz.
Water to make 2 fl. oz.

Teaspoonful every 2 or 3 hours till temperature is depressed.

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PART II.
FORMULAS.

Relapsing Fever.—Continued.

R
Salol. Merck............. 1 dr.
Dionin........................ 6 grn.
Acetanilid................... 1 dr.
Dispense as 24 powders.
One every 2 hours.
(For muscular pains.)

OTHER REMEDIES FOR RELAPSING FEVER.
Salicylic Acid, Citric Acid, Calomel, Cathartics, Resorcin, Quinidine, Potassium Citrate, Ammonium Acetate.

Remittent Fever.—Bilious Fever; Continued Malarial Fever; Estivo-Autumnal Fever.—Malarial Fever with remissions. (See also RELAPSING FEVER.)

R
Chronic:
Arsen-hemol Merck........ 1½ dr.
Euquinine................. 2 dr.
Powd. Ext. Licorice........ 1 dr.
Mucilage Acacia, to make 60 pills
One after meals. Increase every fourth day by 1 pill a day until 10 are taken daily; then decrease same way. When daily dose is 3 pills again, discontinue for a few days; then resume as before.

R
Levico Water Mild........ 1 bottle
Tablespoonful diluted in any beverage, during or after meals, morning and night. After few days, increase dose gradually to 3 tablespoonfuls. In 1 or 2 weeks, substitute for 2 doses a single daily dose of 1 tablespoonful of Strong Levico Water, with principal meal. Some days later, augment this dose gradually as before. Constitutional effects and idiosyncrasies are to be watched, and dosage modified accordingly. Decreasing dosage at conclusion of treatment, with return to the mild water, is usual.

R
Mild type:
Berberine Sulphate Soluble Merck...... 30 grn.
Comp. Tinct. Cinchona........ 4 fl. dr.
Syr. Orange...... to make 1 fl. oz.
Teaspoonful every 5 hours.

R
Methylene Blue Medicinal
Merck.................... 40 grn.
Powd. Nutmeg.............. 40 grn.
Put into 20 capsules.
One or two four times daily for 48 hours; then one 3 times a day for several days.

R
Euquinine................. 1 dr.
Hemogallol........... 40 grn.
Peppermint Oil Sugar..... 20 grn.
Dispense as 12 powders.
One every 4 hours.

R
Severe type:
Quinine Hydrochlorate
Merck................ 60 grn.
Urethane Merck........... 30 grn.
Distilled Water........... 1 fl. dr.
Inject 15 minims subcutaneously or intravenously as required.

R
Arsenous Acid Merck..... ½ grn.
Powd. Opium.............. 6 grn.
Powd. Capsicum........... 30 grn.
Euquinine................. 1 dr.
Dispense as 12 powders.
One 3 times daily.

R
Neurasthenia:
Quinine Glycerinophosphate Merck........ 1 dr.
Strychnine Sulphate..... ½ grn.
Milk Sugar................. 24 grn.
Syr. Acacia..... to make 30 pills
One to three 3 times daily.

R
Hemogallol.............. 2 dr.
Sodium Arsenate Medica-

nal Merck................. 3 grn.
Euquinine................ 1 dr.
Ext. Nux Vomica........... 5 grn.
Make into 60 pills.
Two 3 times daily.

OTHER REMEDIES FOR REMITTENT FEVER:
Nitrif Acid, Salicylic Acid, Antipyrine, Cinchonidine, Quinidine, Eucalyptol, Phenocoll, Warburg’s Tincture.

Renal Calculi.—See CALCULI, RENAL.
FORMULAS.

Renal Dropsy.—See Dropsy.

Renal Hemorrhage.—See Hematuria.

Rhegades.—Painful cracks in the skin. See Fissure.

Rheumatism.—A disease characterized by pain in joints and muscles.

R Acute articular:
  - Salicylic Acid Merck... 80 grn.
  - Lanum ............... 5 dr.
  - Oil Turpentine ...... 80 min.
  - Petrolatum .......... 5 dr.

Apply, and wrap joints in flannel.

R
  - Salol Merck .............. 1 dr.
  - Menthol Merck .......... 24 grn.
  - Ichthyol Merck ........ 1 fl dr.
  - Lanum .................. 1 oz.

Anoint painful joint 2 or 3 times daily.

R
  - Oil Wintergreen ......... 1 fl. dr.
  - Salicylic Acid Merck... 30 grn.
  - Guaiacol Merck ....... 1 fl. dr.
  - Lanum ................. 1 oz.

Apply several times daily.

R
  - Ichthyol Merck ........ 4 fl. dr.
  - Ext. Belladonna ....... 1 dr.
  - Ext. Opium ............ 30 grn.
  - Lanum .................. 1 oz.
  - Benzoinated Lard ... 1 oz.

Rub in well and apply about inflamed part on lint.

R
  - Salicylic Acid Merck... 3 dr.
  - Sodium Bicarbonate ... 1 dr.
  - Ammonium Carbonate
    Merck ................ 1 dr.
  - Glycerin ............... 1 fl. oz.
  - Peppermint Water . to make 6 fl. oz.

Tablespoonful every 2 or 3 hours until ears ring.

R
  - Acetanilid ............ 30 grn.
  - Caffeine Merck ........ 5 grn.
  - Eauquine .............. 20 grn.
  - Monobrom. Camphor
    Merck ................ 20 grn.
  - Dijion ................. 5 grn.
  - Lemon Oil Sugar ...... 20 grn.

Dispense as 10 powders.
One every 4 hours, or 3 times daily.
(To control pain and fever.)

R Chronic articular:
  - Salicylic Acid Merck... 2 dr.
  - Ichthyol Merck ......... 4 fl. dr.
  - Belladonna Ointment ... 4 grn.
  - Lanum .................. 4 dr.

Apply freely 3 times daily, and envelop joint in cotton-wool.

R Chronic articular:
  - Salicylic Acid Merck... 1 dr.
  - Oil Turpentine .......... 1 fl. dr.
  - Oil Wintergreen ..... 30 min.
  - Lanum ................ 1 oz.

Cleanse the skin with soap and warm water; then apply ointment, rubbing it in for five minutes each time.

R
  - Ichthyol Merck ........ 3 fl. dr.
  - Sodium Salicylate Merck 5 dr.
  - Mass, and put into 60 capsules.
One to two 3 times daily.

R
  - Sodium Iodide .......... 2 dr.
  - Wine Colchicum Root... 4 fl. dr.
  - Sodium Salicylate Merck 3 dr.
  - Ammoniated Tinct.
    Guaiac ................. 1 fl. oz.
  - Syr. Wintergreen . to make 3 fl. oz.

Teaspoonful 3 times daily.

R
  - Potassium Iodide ....... 1 dr.
  - Potassium Nitrate ...... 30 grn.
  - Fl. Ext. Cimicifuga ... 4 fl. dr.
  - Glycerin ............... 4 fl. dr.
  - Wine Colchicum Seed ...
    to make 2 fl. oz.

Teaspoonful after each meal.

R
  - Potassium Iodide ....... 2 dr.
  - Fowler's Solution ...... 1 fl. dr.
  - Oil Wintergreen ....... 30 min.
  - Syrup ................. to make 3 fl. oz.

Teaspoonful after meals.

R
  - Resin Guaiac .......... 48 grn.
  - Sodium Arsenate Merck... 1 grn.
  - Eauquine .............. 30 grn.
  - Aloid Merck ............ 3 grn.

Make into 24 pills.
One after each meal.
(When anemia and constipation co-exist.)

R Muscular (myalgia):
  - Ichthyol Merck ........ 3 fl. r.
  - Olive Oil .............. 1 fl. dr.
  - Oil Wintergreen ..... 30 min.
  - Lanum ................ 10 dr.

Anoint painful muscles 3 times daily.

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MAY BE HAD OF THE MERCK BRAND ARE ESPECIALLY SO DESIGNATED THROUGHOUT THE
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Rheumatism.—Continued.

R. **Muscular (myalgia):**
- Tinct. Belladonna: 2 fl. dr.
- Tinct. Aconite: 2 fl. dr.
- Tinct. Opium: 2 fl. dr.
- Soap Liniment: to make 6 fl. oz.

Inliment for use several times daily.

R. **Muscular:**
- Methyl Salicylate: 1 fl dr.
- Guaiacol Merck: 40 min.
- Menthol: 15 grn.
- Potassium Bromide: 75 grn.
- Antipyrine: 45 grn.
- Oil Turpentine: 90 min.
- Ext. Belladonna: 3 grn.
- Lanum: 1 oz.
- Vaselin: 6 dr.

Apply small quantity without friction.

OTHER REMEDIES FOR RHEUMATISM:

Rhinitis.—Inflammation of the mucous membrane of the nose. See Catarrh, Nusal; and Ozena.

Rickets.—See Rachitis.

Ring-Worm.—Various parasitic skin diseases occurring in round patches. (See also Sycosis.)

R. **Body (Tinea Circinata):**
- Naphtol Resubl. Merck: 1 dr.
- Oil Tar: 1 fl. dr.
- Sulphur: 2 grn.
- Lanum: 10 dr.

Apply locally twice daily.

R. **Chrysarobin:**
- Ichtihyl Merck: 2 fl. dr.
- Salicylic Acid Merck: 30 grn.
- Lanum: 1 oz.

Apply locally 2 or 3 times daily.

R. **Iodine:**
- Potassium Iodide: 30 grn.
- Alcohol: 3 fl. dr.
- Water: to make 1 fl. oz.

Paint 2 or 3 times daily.

R. **Salicylic Acid Merck:**
- Washed Sulphur: 1 dr.
- Lanum: 10 dr.

Apply 2 or 3 times daily, without friction.

R. **Scalp (Porrigo; Tinea Tonsurans):**
- Naphtol Resubl. Merck: 30 grn.
- Sulphur: 3 grn.
- Lanum: 3 grn.
- Vaselin: 4 grn.

Apply twice daily.

R. **Ammon. Mercury:**
- Ichtihyl Merck: 1 fl. dr.
- Lanum: 4 grn.
- Cerate: 4 grn.

Apply freely night and morning.

R. **Chrysarobin:**
- Ichtihyl Merck: 24 grn.
- Petrolatum: to make 2½ oz.

Rub in well, and cover with cap.

R. **Red Mercury Iodide:**
- Sodium Iodide: 30 grn.
- Spt. Chloroform: 3 fl. dr.
- Water: to make 1 fl. oz.

Soak well into diseased part of scalp morning and night. To be used only on small surfaces. Poison.
FORMULAS.

Ring-Worm.—Continued.

Scap:

Formaldehyde Medicinal 1 fl. oz.

Apply once or twice daily with camel’s-hair pencil.

OTHER REMEDIES FOR RINGWORM:

Boric Acid, Red Mercury Oxide, Pierotoxin, Sulphites, Hydrogen Peroxide, Labarraque’s Solution.

Rosacea.—See Acne Rosacea.

Rosola.—Rose Rash.—See Erythema.

Rubeola.—See Measles.

Rupia.—An eruptive disease with flat vesicles, followed by scabs; usually syphilitic.

R

Mercury Bichloride...... 1 grn.
Potassium Iodide...... 1 dr.
Comp. Sarsaparilla...... 2 fl. oz.
Water...................to make 4 fl. oz.

R teaspoonful 3 times daily.

R

Red Mercury Oxide Merck........ 6 grn.
Ichthyol Merck........ 1 fl. dr.
Lanum................. 6 dr.
Vaselin................. 4 dr.

Apply locally, with care.

OTHER REMEDIES FOR RUPIA:

Ammoniated Mercury, Nitric Acid, Potassium Bitartrate, Mercury Cyanide, Donovan's Solution, Mercury with Chalk, Iodoform.

Salivation.—See Ptyalism.

Sarcina Infection.—Infection of the stomach, bladder, or other organ, from invasion by a genus of Schizomycetes.

R

Sodium Thiosulph. Merck 2 dr.
Glycerin.................. 4 fl. dr.
Cinnamon Water........... to make 6 fl. oz.

OTHER REMEDIES FOR SARCINA:

Carbolic Acid, Sulphurous Acid, Creosote, Formaldehyde, Naftalan, Sulphites, Menthol, Chloroform, Resorcin, Thymol, Camphor, Calomel, Hydrogen Peroxide.

Satyriasis.—Excessive sexual desire in males.

R

Sodium Bromide........... 6 dr.
Hyosine Hydrobromate...... 1/2 grn.
Camphor Water................... 2 fl. oz.
Distilled Water.............. 3 fl. oz.

Dessertspoonful before dinner and tablespoonful at bedtime.

R

Potassium Iodide........ 2 dr.
Potassium Bromide........ 3 dr.
Syr. Orange............... 1 fl. oz.
Distilled Water........... 5 fl. oz.

Tablespoonful in water after each meal.

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Satyria—Continued.

Bromplin
Glycerin
Oil Cinnamon

Dessertspoonful after each meal and at bedtime.

OTHER REMEDIES FOR SATYRIASIS:
Bromo-hemol, Ichthalbin, Levico Water, Dilute Hydrobromic Acid.

Scabies.—Itch.—A skin disease caused by the itch mite.

B
Naphtol Resubl. Merck. 75 grn.
Olive Oil. 150 min.
Precip. Sulphur 1 oz.
Soft Soap 2 oz.
Lanum 4 oz.

Apply freely night and morning.

OTHER REMEDIES FOR SCABIES:
Benzole Acid, Carbolic Acid, Sulphurous Acid, Alkalies, Ammoniated Mercury, Arsenic, Chloroform, Naphtha, Copalba, Copper Sulphate, Corrosive Sublimate, Iodine, Levico Water, Solution Potassa, Manganese Dioxide, Oil Cade, Oil Cajuput, Petroleum, Potassium Iodide, Storax, Sulphides, Sulphites, Tar.

Scald Head.—See Favus.

Scalds.—Burns caused by hot liquids. See Burns.

Scarlatina.—Scarlet Fever.—A contagious fever with a scarlet-colored rash upon the body. (Doses given under this head are for children of 4 years; other ages proportionately.)

B
Triphenin
Euquinine
Sugar

Dispense as 10 powders.
One every 4 hours as required.

OTHER REMEDIES FOR SCARLATINA:
Sodium Salicylate Merck
Syr. Wintergreen
Water

Teaspoonful every 3 or 4 hours.

R
Potassium Carbonate
Sublimed Sulphur
Lanum

Apply externally 3 times daily.

R
Ichthyol Merck
Distilled Water
Glycerin

After 15 minutes' inunction with soft (green) soap, give warm bath of 30 minutes' duration; then rub salve in thoroughly. Repeat morning and night.

R
Naphtalin Resubl. Merck
Lanum

Anoint affected parts 2 or 3 times daily.

R
Ichthyol Merck
White Vaselin
Lanum

To combat all cutaneous symptoms.

FORMULAS.
Scarlatica.—Continued.

For itching:
- Menthol Merck 20 grn.
- Olive Oil 2 fl. dr.
- Lanum 2 oz.

Anoint body once or twice daily.

To hasten desquamation:
- Ichthyol Merck 1 fl. oz.
- Glycerin 2 fl. oz.
- Eose Water 5 fl. oz.

Apply all over body as soon as desquamation begins.

For sore throat:
- Carbolic Acid Merck 30 min.
- Glycerin 1 fl. oz.
- Camphor Water 10 grn.
- Water to make 6 fl. oz.

Use as gargle twice daily.

For sore throat:
- Naphtol Resubl. Merck 1 dr.
- Camphor Water 4 fl. dr.
- Glycerin 1 fl. oz.
- Rose Water 2 fl. oz.
- Alcohol 1 fl. oz.

Gargle once or twice daily, to prevent anginal complications.

Resorcin Merck 2 dr.
- Olive Oil 1 fl. oz.
- Lanum 2 oz.

Anoint body frequently.

For sore throat:
- Strychnine Sulphate 3/4 grn.
- Wine Cod-Liver Oil from Gaduol 8 fl. oz.

Tablespoonful after meals. Apply electricity locally; or inject thiosinamine for cicatrices.

Sodium Glycerinophosphate Merck 1 dr.
- Simple Elixir 4 fl. oz.

Dessertspoonful 3 times daily, accompanied with local electrical treatment.

OTHER REMEDIES FOR SCARLATINA:

Scald-Head.—See Favus.

Scars.—See Cicatrices.

Sciatica.—Neuralgia of the sciatic nerve. See Neuralgia, Sciatic.

Scirrhus.—A hard, connective-tissue cancer. See Cancer.

Scleroderma.—Hide-bound Disease.—A disease in which the skin hardens in patches.

- Strychnine Sulphate 3/4 grn.
- Wine Cod-Liver Oil from Gaduol 8 fl. oz.

Tablespoonful after meals. Apply electricity locally; or inject thiosinamine for cicatrices.

Argen-hemol 1 dr.
- Euquinine 1 dr.
- Exsic. Iron Sulphate 40 grn.
- Ext. Nux Vomica 5 grn.

Make into 40 pills. One after each meal.

OTHER REMEDIES FOR SCLERODERMA:
- Phosphorus, Fowler’s Solution, Donovan’s Solution, Quinine, Hypophosphites, Phosphates.
Scleritis.—Episcleritis.—Inflammation of the outer coat of the eye.

**R**
- Potassium Iodide: 4 dr.
- Sodium Salicylate, Merck: 3 dr.
- Wine Colchicum Root: 2 fl. dr.
- Water: 3 fl. oz.

Teaspoonful in milk 3 times daily.
*(In rheumatic or gouty subjects.)*

**OTHER REMEDIES FOR SCLERITIS:**
- Sodium Iodide, Potassium Salicylate, Methyl Salicylate, Eserine, Cocaine.

Sclerosis.—Hardening of nervous, arterial, or other structures, by hyperplasia of connective tissue.

**R**
- *Arterial:*
  - Potassium Iodide: 80 grn.
  - Ammon. Chloride: 1 dr.
  - Comp. Syr. Saraphilum: 1 fl. oz.
  - Water: to make 2 fl. oz.

Teaspoonful in milk after each meal.

**OTHER REMEDIES FOR SCLEROSIS:**
- Acetanilid, Glycerinophosphates, Gold and Sodium Chloride, Hyoscyamine, Physostigma, Digitoxin, Levico Water.

Scorbutus.—A debilitated condition due to privation and improper diet. See SCURVY.

Scrofula.—A diseased condition of the system probably due to tuberculosis and characterized by chronic swelling of the lymphatic glands, necrosis of bones, etc. (The doses here given are for adults.)

**R**
- *Constitutional treatment:*
  - Iodo-hemol: 5 dr.
  - Euquinine: 50 grn.
  - Ext. Licorice: to make 100 pills

Two to 4 pills 3 times daily.

**R**
- Iodipin, 10%: 6 fl. oz.
- Glycerin: 1 fl. oz.
- Oil Peppermint: 7 drops

Teaspoonful, increased to teaspoonful, 3 times daily; children, half to one teaspoonful.

**R**
- Ichthalbin: 4 dr.
- Hemogallol: 2 dr.
- Euquinine: 40 grn.

Dispense as 30 powders.
One before meals.
*(For anemia and debility.)*

**R**
- Pilocarpine Hydrochlorate Merck: 5 grn.
- Boric Acid Cryst: 10 grn.
- Distilled Water: 1 fl. oz.

If necessary, filter through absorbent cotton.
Use as collirium once daily.

**R**
- Arsenous Acid Merck: 1½ grn.
- Reduced Iron Merck: 30 grn.
- Euquinine: 1 dr.

Make into 30 pills.
One after each meal.

**R**
- Wine Cod-Liver Oil from Gaduo: ⅞ fl. oz.

Tablespoonful after meals.

**Posterior Spinal.** See Locomotor Ataxia.

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FORMULAS.

PART II.

Scrofula.—Continued.

OTHER REMEDIES FOR SCROFULA:

Hydrochloric Acid, Phosphoric Acid, Arsenic, Barium Chloride, Cadmium Iodide, Calcium Chloride, Absolom, Ethyl Iodide, Dry Extract of Malt, Glycerino-phosphates, Hypophosphites, Iodides, Iron Salts, Phosphorus, Thyroid, for constitutional treatment; Zinc Chloride, Hydrogen Peroxide, Corrosive Sublimate, Iodoform, Iodoformin, Iodine, Formaldehyde, for local treatment after incision.

Scurvy.—Scorbutor.—Constitutional debility due to improper and insufficient diet; characterized by spongy gums and tendency to hemorrhage into the gums, muscles, joints, or viscera.

R Adult:

Potassium Citrate... 4 dr.
Citic Acid........... 1 dr.
Oil Lemon............ 6 drops
Alcohol ......... 3 fl. oz.
Calcium Glycerinophosphate Merck .. 12 grn.
Water ........ to make 6 fl. dr.

Tablespoonful in half pint sweetened water, to be used as drink whenever thirsty. The diet should consist principally of fruits and vegetables; rare meats may also be eaten.

R

Iron Arsenate Merck .... 1 grn.
Euquinine ........ 42 grn.
Ext. Nux Vomica .... 6 grn.

Make into 24 pills.

One after meals.

(During convalescence.)

R

Dry Ext. Malt Merck .. 2 oz.

Divide into 8 powders; dispense in waxed papers.

One immediately after each meal.

R

Boric Acid........ 20 grn.
Tinct. Myrrh ....... 2 fl. dr.
Comp. Tinct. Benzoine 2 fl. dr.
Glycerin ....... 1 fl. oz.
Water ......... to make 4 fl. oz.

Tablespoonful in half-glass water as mouth-wash every 1 to 2 hours. (For spongy gums.)

OTHER REMEDIES FOR SCURVY.


Sea-Sickness.—Mal de Mer.—Nausea and vomiting affecting most persons at sea.

R

Resoerin Resubl. Merck ... 1 dr.
Cocaine Hydrochlorate . 2 grn.
Merk ................ 2 grn.
Bismuth Subcarbonate .... 2 dr.

Make into 24 powders.

One every 1 to 2 hours.

R

Menthol Merck ....... 2 grn.
Cocaine Hydrochlorate Merck .... 3 grn.
Syrup ........ 1 fl. oz.
Alcohol .......... 2 fl. oz.

Tablespoonful every hour.

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Sea-Sickness.—Continued.

R

Ext. Taraxacum................. 20 grn.
Comp. Ext. Colocynthis... 20 grn.
Ext. Hyoscyamus............. 8 grn.
Ext. Nux Vomica.............. 5 grn.
Mercurial Mass................ 15 grn.

Make into 20 pills.
One or two each night for 3 nights before sailing and 3 after.

Seborrhea.—Abnormal secretion of the sebaceous glands, producing greasy scales. (See also Pityriasis.)

R

Saponin Merck.................. 4 grn.
Water............................ 4 dr.
Alcohol.......................... 1 dr.
Lanum............................ 4 dr.

Dissolve saponin in water and stir in lanum previously melted; cool, and add alcohol.
Anoint parts every night and morning, after washing with soap and warm water.

R

Pyrogallic Acid Merck........ 6 grn.
Precip. Sulphur............... 30 grn.
Zinc Oxide Merck.............. 1 dr.
Campbor Water................ 2 fl. dr.
Lime Water.................... 3 fl. dr.
Lanum......................... 3 dr.

Apply after thorough cleansing of the parts.

OTHER REMEDIES FOR SEBORRHEA:
Boric Acid, Salicylic Acid, Borax, Hydrastine Hydrochlorate, Ichthalbin, Lead Acetate, Mercury salts, Zinc Sulphate.

Septicemia.—Poisoning of the blood with septic germs and their ptomaines generated in an open wound by inflammation. See PYEMIA.

Shingles.—The popular name for Herpes Zoster. See HERPES.

Shock.—A depressed condition of the system established suddenly by powerful emotion or bodily injury.

R

Nerrous:
Tablets Erythrol Tetranitrate Merck, 1/4 grn.... No. 24
One tablet every 3 hours.

Surgical:
Calcium Chloride Cryst... 4 grn.
Potassium Chloride......... 1/8 grn.
Sodium Chloride............. 1/8 grn.
Sterilized Distilled Water 1 quart
Inject warm, under strict antiseptic precautions, into vein from fountain syringe to which is attached a cannula, taking great care not to inject air bubbles.
(May also be employed hypodermically.)

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FORMULAS.

**PART II.**

**Shock.**—Continued.

<table>
<thead>
<tr>
<th>R</th>
<th>Surgical:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Valerianate</td>
<td>30 grn.</td>
</tr>
<tr>
<td>Tinct. Digitalis</td>
<td>1 fl. dr.</td>
</tr>
<tr>
<td>Brandy</td>
<td>4 fl. oz.</td>
</tr>
</tbody>
</table>

2 tablespoonfuls in 2 oz. warm water, by rectum, every 2 hours.

**OTHER REMEDIES FOR SHOCK:**

Ammonia, Amyl Nitrite, Codeine, Ergot, Nitroglycerin, Camphor.

---

**Singultus.**—The technical name for Hiccough. See Hiccough.

**Skin Diseases.**—See titles of the various diseases in their alphabetical order.

**Sleeplessness.**—See Insomnia.

**Smallpox.**—Variola.—An acute, eruptive, infectious, contagious disease that terminates in pitting.

<table>
<thead>
<tr>
<th>R</th>
<th>For preventing pitting:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ichthyol Merck</td>
<td>1 fl. oz.</td>
</tr>
<tr>
<td>Lanum</td>
<td>5 oz.</td>
</tr>
<tr>
<td>Cold-Cream</td>
<td>4 oz.</td>
</tr>
</tbody>
</table>

Anoint entire body once or twice daily, rubbing in well.

<table>
<thead>
<tr>
<th>R</th>
<th>Sodium Salicylate Merck</th>
<th>1 fl. oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbclic Acid Merck</td>
<td>30 grn.</td>
<td></td>
</tr>
<tr>
<td>Lanum</td>
<td>7 oz.</td>
<td></td>
</tr>
<tr>
<td>Rose Water</td>
<td>1 fl. oz.</td>
<td></td>
</tr>
</tbody>
</table>

Anoint body (especially face) twice daily, and apply on lint.

<table>
<thead>
<tr>
<th>R</th>
<th>For pyemia and fever:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salol Merck</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Eauquiline</td>
<td>90 grn.</td>
</tr>
<tr>
<td>Peppermint Oil Sugar</td>
<td>30 grn.</td>
</tr>
</tbody>
</table>

Dispense as 24 powders. One every 4 hours. (Credited with power to relieve all cutaneous irritation and generally to prevent pitting; also a good antipyretic.)

<table>
<thead>
<tr>
<th>R</th>
<th>Tinct. Aconite</th>
<th>15 min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solut. Potassium Citrate</td>
<td>to make 3 fl. oz.</td>
<td></td>
</tr>
</tbody>
</table>

One to two teaspoonfuls in water every 2 hours.

**OTHER REMEDIES FOR SMALLPOX:**

Salicylic Acid, Sulphurous Acid, Camphor, Collodion, Iodine, Iodole, Corrosive Sublimate, Eucalyptol, Silver Nitrate, Sulphocarbolates, Oil Turpentine, Zinc Carbonate, externally, for itching and itching; Ammonium Carbonate, Antipyrine, Belladonna, Brandv, Bromides, Chloral Hydrate, Cinch wga, Iron, Opium, Internally to subdue restlessness, fever, pyemia, and insomina.

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---

For pyemia and fever:

<table>
<thead>
<tr>
<th>R</th>
<th>Thalline Sulphate Merck</th>
<th>1 dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simple Elixir</td>
<td>2 fl. oz.</td>
<td></td>
</tr>
</tbody>
</table>

Dessertspoonful 3 times a day as required in the fever.

<table>
<thead>
<tr>
<th>R</th>
<th>Tinct. Iron Chloride</th>
<th>3 fl. dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quinine Sulphate</td>
<td>1 dr.</td>
<td></td>
</tr>
<tr>
<td>Simple Elixir</td>
<td>to make 6 fl. oz.</td>
<td></td>
</tr>
</tbody>
</table>

Tablespoonful 3 times daily.

**For conjunctivitis:**

<table>
<thead>
<tr>
<th>R</th>
<th>Ichthyol Merck</th>
<th>30 min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boric Acid</td>
<td>1 dr.</td>
<td></td>
</tr>
<tr>
<td>Rose Water</td>
<td>6 fl. oz.</td>
<td></td>
</tr>
</tbody>
</table>

Use freely as wash every few hours.

**For delirium:**

<table>
<thead>
<tr>
<th>R</th>
<th>Sodium Bromide</th>
<th>5 dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atropine Sulphate Merck</td>
<td>1/2 grn.</td>
<td></td>
</tr>
<tr>
<td>Syr. Orange</td>
<td>2 fl. oz.</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>to make 4 fl. oz.</td>
<td></td>
</tr>
</tbody>
</table>

Dessertspoonful as required every 3 or more hours.

**For hemorrhage:**

<table>
<thead>
<tr>
<th>R</th>
<th>Ergotin (Bonj Jean) Merck</th>
<th>1 dr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stypitiun Merck</td>
<td>10 grn.</td>
<td></td>
</tr>
</tbody>
</table>

Put into 10 capsules. One followed by little hot water or tea every two hours as long as required.
FORMULAS.

Snake Bites. — See Bites, Snake.

Sneezing.—A sudden, convulsive effort of the respiratory muscles to overcome some irritation of the mucous membrane of the nose; often due to onset of coryza. See Catarrh, Nasal.

Sore Throat.—See Tonsillitis.

Spasm of Glottis.—See Laryngismus Stridulus.

Spermatorrhœa.—Emission.—Involuntary discharge of semen without sexual connection.

R. Atony of seminal vesicles:
   Cornutine Citrate Merck 2 grn.
   Ergotin (Bonjean) Merck 2 dr.
   Ext. Nux Vomica 5 grn.
Make into 40 pills.
One twice daily.

R. General debility:
   Euquinine 30 grn.
   Iron Valerianate Merck 20 grn.
   Zinc Valerianate Merck 20 grn.
   Oleoresin Lupulin 30 grn.
Make into 20 pills.
One 3 times daily.

R. Spasm of seminal vesicles:
   Hyoscine Hydrobromate Merck 1 grn.
   Camphor 20 grn.
   Ext. Nux Vomica 3 grn.
   Ext. Dandelion 20 grn.
Make into 20 pills.
One after meals.

OTHER REMEDIES FOR SPERMATORRHŒA:
   Acetanilid, Camphoric Acid, Arsenic, Atropine, Bromplin, Bromo-hemol Calomel, Cantharides, Chloral Hydrate, Clinicifuga, Digitalis, Hypophosphites, Iron salts, Levico Water, Silver Nitrate, Sulphur, Oil Turpentine, Zinc Oxide.

Spinal Affections.—See Meningitis, Locomotor Ataxia and Paralysis.

Spirillum Fever.—See Anthrax.

Splenic Enlargement.—Hypertrophy of the spleen from Malaria, Syphilis, Pseudo-Leukemia, and other affections.

R. Malarial:
   - Berberine Sulphate Soluble Merck 30 grn.
   - Comp. Tinct. Cinchona 4 fl. dr.
   - Syr. Orange to make 1 fl. oz.
Teaspoonful every 5 hours.

R. SYPHILITIC:
   - Potassium Iodide 5 dr.
   - Mercury Bichloride 3 grn.
   - Comp. Syr. Sarsaparilla 4 fl. oz.
   - Water 16 fl. oz.
Two teaspoonfuls, gradually increased to 3 or 10 teaspoonfuls, 3 times daily.

OTHER REMEDIES FOR SPLENIC ENLARGEMENT:
   Ammonium Fluoride, Arsen-hemol, Bromides, Ergot, Methylene Blue Medicinal, Salicin, Calomel, Donovan's Solution, Potassium Iodide Ointment.

Splenic Fever.—See Anthrax.

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233
Sprain.—Violent twisting of a joint beyond its normal amount of movement, so as to damage the ligaments. (See also Bruises.)

R
Solut. Lead Subacetate .... 1 fl. oz.
Tinct. Opium ............ 1 fl. oz.
Water .................. 1 pint
Apply hot on lint.

R
Ichthyol, Merck ........... 2 fl. dr.
Ext. Belladonna ........... 1 dr.
Lanum .................. 2 oz.
Rub in well 3 times daily.

OTHER REMEDIES FOR SPRAIN:

Stiff Neck.—See Torticollis.

Stings.—See Bites and Stings.

Stomatitis.—Sore mouth. See Aphthae.

Strangury.—Spasm of the muscles of the bladder and urethra, causing pain and difficulty in urinating, so that the urine can only be passed in minute quantities or in drops at a time. See Dysuria.

Stricture, Urethral.—Abnormal contraction of the urethra. See Urethritis.

Strophulus.—An eruption in infants, popularly known as Tooth-rash and Gum-rash.

R
Ichthyol Merck ........... 1 dr.
White Vaseline .......... 2 dr.
Lanum .................. 6 dr.
Apply at night.

R
Potassium Acetate ........ 2 dr.
Syr. Lemon ............... 4 fl. dr.
Water .................. to make 2 fl. oz.
Teaspoonful every 3 hours.

OTHER REMEDIES FOR STROPHULUS:
Chalk Mixture, Chamomile, Glycerin, Magnesia, Aconite, internally; Boric Acid, Borax, Lead Water, Zinc Oxide, externally.

Struma.—A term applied to Scrofula and to Goiter. See Scrofula and Goiter.

Stye.—Infamed sebaceous glands of the eye-lid. See Hordeolum.

Summer Complaint.—See Cholera Infantum.

Sunburn.—Inflammation of the skin from exposure to the direct rays of the sun during hot weather.

R
Olive Oil .............. 3 fl. dr.
Oil Rose .............. 5 drops
Spt. Camphor ......... 10 drops
Lanum .................. 12 dr.
Apply to reddened surface.

R
Expr. Oil Almond ....... 2 fl. dr.
Ichthyol Merck .......... 1 fl. dr.
Oil Rose ............... 5 drops
Cold Cream ............. 6 dr.
Lanum .................. 6 dr.
Apply 3 times daily.

OTHER REMEDIES FOR SUNBURN:
Boric Acid, Carbolic Acid, Glycerin with Rose Water.

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Sunstroke.—Insolation.—A febrile condition induced by exposure to the hot summer sun.

R For collapse:
Ammonium Carbonate Merck 40 grn.
Brandy 3 fl. dr.
Campnor Water to make 1 fl. oz.
Teaspoonful every half hour.

R Digitalin "German" Merck 1 grn.
Comp. Spt. Eth. 4 fl. dr.
Twenty minims subcutaneously.

R For convulsions:
Chloroform "Superior", Merck 1 fl. oz.
For physician to administer by inhalation to verge of anesthesia.

R For delirium:
Sodium Bromide 4 dr.
Camphor Water 2 fl. oz.
Dessertspoonful every hour or two till quiet.

R For fever:
Euquinine 1 dr.
Triphenin 45 grn.
Sugar 30 grn.
Divide into 12 powders.
One every 4 hours.

R For weak heart:
Amyl Nitrite Merck 1 dr.
Three or four drops by inhalation, as required.

OTHER REMEDIES FOR SUNSTROKE:
Aconite, Ammonia, Apomorphine, Belladonna, Digitalis, Ergot, Gelsemium, Nitroglycerin, Potassium Bromide, Veratrum Viride.

Suppuration,—The production of pus. See Abscess.

Surgical Fever.—See Pyemia.

Sweating.—See Phthisis: Night-sweats, Bromhidrosis and Hyperhidrosis.

Swooning.—See Syncope.

Sycosis.—A chronic inflammation of the hair-follicles, usually of the bearded region, characterized by papules, pustules, and tubercles, perforated by hairs. (See also Ringworm.)

R Precip. Sulphur 30 grn.
Ichthyol Merck 1 fl. dr.
Petrolatum 4 dr.
Lanum 4 dr.
Olf Kose 2 drops
Apply at night, and several times during day, if possible. Clip hair.

R Ichthyol Merck 40 min.
Chrysoarbin 40 grn.
Salicylic Acid Merck 15 grn.
Vaselin 6 dr.
Lanum 6 dr.
Rub in well, and cover part with thin layer of gutta-percha tissue.

OTHER REMEDIES FOR SYCOSIS:
Resorcin, Ammoniated Mercury, Tannic Acid, Tar, Sulphurous Acid.

Syncope.—Swooning; Fainting.—A sudden partial or complete suspension of respiration and cardiac action, accompanied by loss of consciousness.

R Digitalin "German" Merck 2 grn.
Atropine Sulphate Merck ½ grn.
Distilled Water 1 fl. oz.
15 minims hypodermically.

R Pearls Amyl Nitrite, 3 drops No. 6.
Crush one in handkerchief and give by inhalation every few minutes.

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Syncope.—Continued.

R

Spt. Ether .................. 4 fl. dr.

Two small teaspoonfuls in water every half hour till consciousness returns.

OTHER REMEDIES FOR SYNCOPE:

Aconite, Alcohol, Belladonna, Camphor, Chloroform, Musk, Nux Vomica, Veratrum Viride.

Synovitis.—Inflammation of the lining membrane of the joints, bursæ, or tendon-sheaths.

R

Acute or subacute:

Solut. Lead Subacetate ... 1 fl. oz.
Tinct. Opium ................ 1 fl. oz.
Water ...................... to make 16 fl. oz.

Saturate lint with this solution, hot, and apply freely. Keep joint at rest.

R

Oil Turpentine ............... 4 fl. dr.
Belladonna Ointment ....... 1 oz.
Mercurial Ointment ...... 4 dr.
Solut. Lead Subacetate .... 3 fl. dr.
Lanum ...................... to make 4 oz.

Apply on lint twice daily.

R

Ext. Belladonna ......... 30 grn.
Ichthyol Merck ........... 1 fl. oz.
Lanum ...................... 1 oz.

Apply freely on lint.

R

Methyl Salicylate .......... 2 dr.
Lanum ........................ 1 oz.

Apply on lint.

OTHER REMEDIES FOR SYNOVITIS:


Syphilis.—Lues; Pox.—A general infectious disease acquired by contact of an abraded surface with the specific virus, or by inheritance. For methods of treating the primary lesion, see CHANCROID

R

Congenital:

Iodipin, 10% .................. 3 fl. oz.
Yolk of two eggs .......... 1 dr.
Powd. Cacao ................. 2 dr.
Sugar ........................ 2 drops

Mix thoroughly.

One or 2 small teaspoonfuls per day to children of 1 to 2 years.

R

Mercury with Chalk ... 10 grn.
Dry Ext. Malt Merek .... 1 oz.
Sugar ........................ 2 dr.

Make into 40 powders.

One three times daily to children 1 year old.

R

Mercury Bichloride ... 2 grn.
'Strychnine Sulphate .... 1 grn.
Euquinine .................. 40 grn.
Ext. Phytolacca ......... 20 grn.
Dried Iron Sulphate .... 30 grn.
Ext. Taraxacum ........... 1 dr.

Make into 60 pills.

One 3 times daily, gradually increasing to 2 or 3 pills 3 times a day.

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236
PART II.

**Syphilis.—Continued.**

<table>
<thead>
<tr>
<th>R</th>
<th>Primary:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mercury Bichloride</td>
<td>4 grn.</td>
</tr>
<tr>
<td>Ammon. Chloride</td>
<td>4 grn.</td>
</tr>
<tr>
<td>Sterilized Distilled Water</td>
<td>4 fl. dr.</td>
</tr>
</tbody>
</table>

Inject 10 minims (= ½ grn. bichlor-ide) into gluteal muscles once weekly until Impression has been made, then once every fortnight till all symptoms disappear, finally once a month for about a year.

<table>
<thead>
<tr>
<th>R</th>
<th>Secondary:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Iodide</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Mercury Bichloride</td>
<td>4 grn.</td>
</tr>
<tr>
<td>Comp. Syr. Sarsaparilla</td>
<td>4 fl. oz.</td>
</tr>
</tbody>
</table>

Teaspoonful after meals.

<table>
<thead>
<tr>
<th>R</th>
<th>Tertiary:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rubidium Iodide Merck</td>
<td>1 dr.</td>
</tr>
<tr>
<td>Sodium Iodide</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Peppermint Water</td>
<td>4 fl. oz.</td>
</tr>
<tr>
<td>Distilled Water</td>
<td>2 fl. oz.</td>
</tr>
<tr>
<td>Syrup</td>
<td>2 fl. oz.</td>
</tr>
</tbody>
</table>

Teaspoonful, gradually increased to tablespoonful, 3 times daily.

<table>
<thead>
<tr>
<th>R</th>
<th>Tertiary:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iodipin, 10%</td>
<td>4 fl. oz.</td>
</tr>
<tr>
<td>Oil Peppermint</td>
<td>4 drops</td>
</tr>
</tbody>
</table>

Teaspoonful, increased gradually to tablespoonful, 3 times daily.

<table>
<thead>
<tr>
<th>R</th>
<th>Other Remedies for Syphilis:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antimony Sulphide, Calomel, Cadmium Sulphate, Cod-liver Oil, Guaiaacam, Potassium Chlorate, Pulsatilla, Stillinja, Zinc Chloride.</td>
<td></td>
</tr>
</tbody>
</table>

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**Tabes.**—A name applied to any wasting disease. See **Locomotor Ataxia** for **Tabes Dorsalis; Marasmus**, for **Tabes Mesenterica**.

**Tape-Worm.**—A name applied to various species of Tænia that inhabit the intestines. See **Worms**.

**Tenesmus.**—A painful desire to defecate or urinate, without the evacuation of feces or urine. See **Dysentery** and **Dysuria**.

**Tetanus.**—An acute disease caused by the tetanus bacillus, marked by tonic spasm of the voluntary muscles. When the muscles of deglutition are affected, it is called **Lock-Jaw** (Trismus).

<table>
<thead>
<tr>
<th>R</th>
<th>To control spasm:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocaine Hydrochlorate</td>
<td>10 grn.</td>
</tr>
<tr>
<td>Morphine Hydrochlorate</td>
<td>12 grn.</td>
</tr>
<tr>
<td>Atropine Sulphate Merck</td>
<td>1½ grn.</td>
</tr>
<tr>
<td>Distilled Water</td>
<td>1 oz.</td>
</tr>
</tbody>
</table>

Twenty minims hypodermically as required. Keep patient in dark room, free from all noise; and supply artificial warmth.

<table>
<thead>
<tr>
<th>R</th>
<th>To control spasm:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chloroform “Superior, Merck”</td>
<td>2 fl. oz.</td>
</tr>
</tbody>
</table>

Administer to point of anesthesia, then stop till required again.

<table>
<thead>
<tr>
<th>R</th>
<th>To eliminate toxin:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pilocarpine Hydrochlorate Merck</td>
<td>1 grn.</td>
</tr>
<tr>
<td>Water</td>
<td>1 oz.</td>
</tr>
</tbody>
</table>

Teaspoonful by mouth or rectum every ½ hour till sweating occurs.

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Tetanus.—Continued.

**R** To lessen depression:
- Hemogallol
- Euquinine
- Camphor

Dispense in 24 capsules.
Two every 4 hours.

**OTHER REMEDIES FOR TETANUS:**

Tetter.—A popular name for Eczema, Herpes, Psoriasis, Pemphigus, Scorbutica, Lupus, Favus, and other skin diseases. See these respective captions.

Thread Worms.—Small thread-like worms found in the rectum. See Worms.

Thrush.—Parasitic Stomatitis.—A catarrhal disease of the mouth in children due to the development of the fungus oidium albicans. See Aphthæ.

Tic Douleureux.—Trigeminal Neuralgia.—See Neuralgia, Trigeminal.

Tinea Circinata, Tonsurans, etc.—Various skin diseases known as Ring-worm, Barber’s Itch, etc., which see.

Tinnitus Aurium.—Ringing of the ears.

**R** Conifine Hydrobromate
- Merck
- Spt. Peppermint
- Syrup

Teaspoonful 3 times daily.

**R** Sodium Bromide
- Simple Elixir
- Comp. Tinct. Cardamom

Teaspoonful in water 3 times daily.

**R** Tinct. Cimicifuga
- Ammonium Chloride
- Syr. Orange

Teaspoonful in water, after meals.
(Where chronic otitis media exists.)

**OTHER REMEDIES FOR TINNITUS AURIUM:**
Nitroglycerin, Potassium Bromide, Bromoform, Hydrobromic Acid, Sodium Salicylate, Potassium Iodide.

Tonsillitis.—Amygdalitis.—Inflammation of the tonsils.

**R** Catarrhal:
- Creosote (Beechwood)
- Merck
- Glycerine
- Tinct. Myrrh
- Camphor Water to make

Use as gargle 3 times daily.

**R** Catarrhal:
- Comp. Tinct. Catechu
- Tinct. Kino
- Glycerite Tannin

Teaspoonful to wineglassful water, as gargle.

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**Tonsillitis.**—Continued.

<table>
<thead>
<tr>
<th>Remedy</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Catarrhal:</strong></td>
<td></td>
</tr>
<tr>
<td>Tinct. Aconite</td>
<td>24 min.</td>
</tr>
<tr>
<td>Tinct. Guaiac</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Syr. Ginger</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Simple Syrup</td>
<td>2 fl. oz.</td>
</tr>
<tr>
<td>Teaspoonful every 2 hours. (For fever in early stage.)</td>
<td></td>
</tr>
<tr>
<td><strong>Follicular:</strong></td>
<td></td>
</tr>
<tr>
<td>Sodium Benzoate Merck</td>
<td>3 dr.</td>
</tr>
<tr>
<td>Glycerin</td>
<td>6 fl. dr.</td>
</tr>
<tr>
<td>Elixir Calisaya</td>
<td>to make 2 fl. oz.</td>
</tr>
<tr>
<td>Teaspoonful every 1 to 2 hours.</td>
<td></td>
</tr>
<tr>
<td><strong>Pyektanin:</strong></td>
<td></td>
</tr>
<tr>
<td>Tinct. Aconite</td>
<td>30 min.</td>
</tr>
<tr>
<td>Tinct. Guaiac</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Syr. Ginger</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Simple Syrup</td>
<td>2 fl. oz.</td>
</tr>
<tr>
<td>One-half to 2 teaspoonfuls every 2 hours, according to age. (In severe cases, with high fever, bounding pulse, and headache.)</td>
<td></td>
</tr>
<tr>
<td><strong>Guaiacol Merck:</strong></td>
<td></td>
</tr>
<tr>
<td>Olive oil</td>
<td>2 fl. dr.</td>
</tr>
<tr>
<td>Apply to inflamed tonsil with brush several times daily.</td>
<td></td>
</tr>
<tr>
<td><strong>Antipyrine:</strong></td>
<td></td>
</tr>
<tr>
<td>40 gm.</td>
<td></td>
</tr>
<tr>
<td>Potassium Bromide</td>
<td>80 gm.</td>
</tr>
<tr>
<td>Sodium Salicyl. Merck</td>
<td>80 gm.</td>
</tr>
<tr>
<td>Elixir Calisaya</td>
<td>2 fl. oz.</td>
</tr>
<tr>
<td>Dessertspoonful 4 times daily.</td>
<td></td>
</tr>
<tr>
<td><strong>Phlegmonous (quinsy):</strong></td>
<td></td>
</tr>
<tr>
<td>Silver Lactate Merck</td>
<td>15 gm.</td>
</tr>
<tr>
<td>Distilled Water</td>
<td>2 fl. oz.</td>
</tr>
<tr>
<td>Dispense in dark-colored bottle.</td>
<td></td>
</tr>
<tr>
<td>Teaspoonful to glassful water as gargle every 2 hours.</td>
<td></td>
</tr>
</tbody>
</table>

**FORMULAS.**

<table>
<thead>
<tr>
<th>Remedy</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Phlegmonous (quinsy):</strong></td>
<td></td>
</tr>
<tr>
<td>Ichthyol Merck</td>
<td>3 dr.</td>
</tr>
<tr>
<td>Belladonna Ointment</td>
<td>2 dr.</td>
</tr>
<tr>
<td>Oil Rose</td>
<td>4 drops</td>
</tr>
<tr>
<td>Lanum</td>
<td>3 dr.</td>
</tr>
<tr>
<td>Apply 3 times daily, externally.</td>
<td></td>
</tr>
<tr>
<td><strong>Dover’s Powder:</strong></td>
<td></td>
</tr>
<tr>
<td>10 grn.</td>
<td></td>
</tr>
<tr>
<td><strong>Calomel:</strong></td>
<td></td>
</tr>
<tr>
<td>1 grn.</td>
<td></td>
</tr>
<tr>
<td><strong>Syr. Iron Iodide:</strong></td>
<td></td>
</tr>
<tr>
<td>4 fl. dr.</td>
<td></td>
</tr>
<tr>
<td><strong>Wine Cod-liver Oil from GaduoI:</strong></td>
<td>to make 8 fl. oz.</td>
</tr>
<tr>
<td><strong>Tablespoonful after meals.</strong> (As alterant in scrophulous cases.)</td>
<td></td>
</tr>
<tr>
<td><strong>Iodo-hemol:</strong></td>
<td></td>
</tr>
<tr>
<td>2 dr.</td>
<td></td>
</tr>
<tr>
<td><strong>Ichthalin:</strong></td>
<td></td>
</tr>
<tr>
<td>3 dr.</td>
<td></td>
</tr>
<tr>
<td><strong>Euquinine:</strong></td>
<td></td>
</tr>
<tr>
<td>30 grn.</td>
<td></td>
</tr>
<tr>
<td><strong>Peppermint Oil Sugar:</strong></td>
<td>30 grn.</td>
</tr>
<tr>
<td>Divide into 25 powders. One after each meal. (As roborant during convalescence.)</td>
<td></td>
</tr>
<tr>
<td><strong>Rheumatic:</strong></td>
<td></td>
</tr>
<tr>
<td>Sodium Salicyl. Merck</td>
<td>4 dr.</td>
</tr>
<tr>
<td>Potassium Iodide</td>
<td>3 dr.</td>
</tr>
<tr>
<td>Wine Colchicum Seed</td>
<td>4 fl. dr.</td>
</tr>
<tr>
<td>Peppermint Water</td>
<td>3 fl. oz.</td>
</tr>
<tr>
<td>Teaspoonful in milk after meals.</td>
<td></td>
</tr>
<tr>
<td><strong>Iodine:</strong></td>
<td></td>
</tr>
<tr>
<td>1 grn.</td>
<td></td>
</tr>
<tr>
<td>Potassium Iodide</td>
<td>3 grn.</td>
</tr>
<tr>
<td>Tinct. Opium</td>
<td>to make 4 fl. oz.</td>
</tr>
<tr>
<td>Glycerin</td>
<td></td>
</tr>
<tr>
<td>Teaspoonful to glass hot water, as gargle; also paint on tonsils, undiluted, morning and night.</td>
<td></td>
</tr>
</tbody>
</table>

**OTHER REMEDIES FOR TONSILLITIS:**

Acetanilid, Salicylic Acid, Belladonna, Capsicum, Iron Chloride, Salol, Saline cathartics, Sodium Bicarbonate, internally; Alum, Alumnum, Hydrogen Peroxide, Iodole, Mercury salts, Monsel’s Solution, Silver Nitrate, locally.

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PART II.

Toothache.—Pain in the nerve of a tooth; usually due to dental caries. (See also Neuralgia.)

**Exposed Nerve**:
- **Ext. Opium**: 15 grn.
- **Powd. Camphor**: 10 grn.
- **Balsam Peru**: 20 grn.
- **Mastic**: 30 grn.
- **Chloroform**: 5 fl. dr.

Cleanse out cavity, and insert absorbent cotton saturated in this solution.

**Post-extraction pain**:
- **Chloroform**: 1 fl. dr.
- **Ether**: 80 min.
- **Cocaine Hydrochlorate**: 2 grn.
- **Camphor**: 3½ grn.
- **Tinct. Opium**: 30 min.

Saturate pledget of absorbent cotton, and press into cavity.

**Exposed Nerve**:
- **Chloroform**: 80 min.
- **Alcohol**: 80 min.
- **Tinct. Aconite**: 1 fl. dr.
- **Morphine Merck (Alka-loid)**: 1 grn.

Three or 4 drops on absorbent cotton pressed into cavity.

**Infused gums**:
- **Cocaine Hydrochlorate**: 2 grn.
- **Chloroform**: 15 min.
- **Glycerin**: 6 fl. dr.
- **Spt. Rose**: 6 drops

Apply small quantity to painful gums.

**Infused gums**:
- **Cocaine Hydrochlorate**: 4 grn.
- **Camph. Tinct. Opium**: 1 fl. oz.

Apply on gums.

**OTHER REMEDIES FOR TOOTHACHE**:
- Carbolic Acid, Tannic Acid, Aconitine, Alum, Arsenic, Colchicum, Colloid, Croton Oil, Clove Oil, Ethyl Chloride, Iodine, Potassium Bromide, Resorcin, Zinc Chloride.

**Tooth-Rash**.—See Strophulus.

**Torticollis**.—Wry-neck.—Contraction of the cervical muscles due to spasm, rheumatism, or other cause.

**Rheumatic**:
- **Acetanilid**: 8 grn.
- **Euquinine**: 6 grn.
- **Caffeine Merck**: 2 grn.
- **Anise Oil Sugar**: 3 grn.

Dispense as 2 powders. One at once; if necessary, repeat in an hour.

**Rheumatic**:
- **Methyl Salicylate**: 2 fl. dr.
- **Tinct. Capsicum**: 1 fl. dr.
- **Chloroform**: 3 fl. dr.
- **Soap Liniment**: 3 fl. oz.
- **Alcohol**: to make 5 fl. oz.

Rub in well over painful muscles.

**Antipyrine**:
- **80 grn.**
- **Sodium Salicyl. Merck**: 2 dr.
- **Syr. Orange**: 4 fl. dr.
- **Water**: to make 2 fl. oz.

Teaspoonful every 3 hours till relieved.

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\textbf{FORMULAS.}

\textbf{Part II.}

\textbf{Torticollis.—Continued.}

\begin{itemize}
  \item \textbf{Spasmodic contraction:}
    \begin{itemize}
      \item Arsen-hemol \hspace{1cm} 30 grn.
      \item Ext. Gelsemium \hspace{1cm} 3 grn.
      \item Ext. Conium \hspace{1cm} 10 grn.
    \end{itemize}
  \item Make into 20 pills. One, gradually increased to three 3 times daily.
  \textbf{OTHER REMEDIES FOR TORTICOLLIS:}
  Aconite, Atropine, Cimicifuga, Nux Vomica, Potassium Bromide, Opium.
\end{itemize}

\textbf{Trachoma.—Granular Lids.—Granular inflammation of the conjunctiva. See Conjunctivitis, Granular.}

\textbf{Tremor.—Involuntary trembling or quivering of the body or any of its parts.}

\begin{itemize}
  \item \textbf{Spartelne Sulphate} \textbf{Merck} \hspace{1cm} 4 grn.
  \item Calcium Glycerinophosphate \textbf{Merck} \hspace{1cm} 40 grn.
  \item Syrup Orange \hspace{1cm} 1 fl. oz.
  \item Water \hspace{1cm} 1 fl. oz.
  \item Teaspoonful 3 times daily.
  \item \textbf{Arsenous Acid} \textbf{Merck} \hspace{1cm} 12 grn.
  \item Phosphorus \hspace{1cm} 1 grn.
  \item Equinine \hspace{1cm} 2 dr.
  \item Dried Iron Sulphate \hspace{1cm} 90 grn.
  \item Make into 90 pills. One after each meal. (As tonic.)
  \textbf{OTHER REMEDIES FOR TREMOR:}
  Arsen-hemol, Calcium Phosphate, Calcium Hypophosphite, Cocaine Hydrochlorate, Hyoscyamus, Silver Nitrate, Zinc Phosphide.
\end{itemize}

\textbf{Trichinosis.—A disease due to presence of Trichina spiralis, the invasion usually resulting from eating raw or undercooked pork.}

\begin{itemize}
  \item \textbf{Emetic:}
    \begin{itemize}
      \item Apomorphine Hydrochlorate \textbf{Merck} \hspace{1cm} 1 grn.
      \item Sterilized Distilled Water \hspace{1cm} 2 fl. dr.
    \end{itemize}
  \item Inject 15 minutes hypodermically immediately.
  \item \textbf{Cathartic:}
    \begin{itemize}
      \item Calomel \hspace{1cm} 10 grn.
      \item Powd. Jalap \hspace{1cm} 10 grn.
      \item Sugar \hspace{1cm} 15 grn.
      \item Take \textit{after vomiting} or washing out of the stomach. Follow in few hours with:
    \end{itemize}
  \item \textbf{Magnesium Sulphate} \hspace{1cm} 4 dr.
  \item Peppermint Water \hspace{1cm} 1 fl. oz.
  \item Take at one dose in water.
  \textbf{OTHER REMEDIES FOR TRICHINOSIS:}
  Arsenic, Picric Acid, Glycerin, Resorcin, Carbohydric Acid, Salicylic Acid, Benzoic Acid, Corrosive Sublimate, Creosote.
\end{itemize}
FORMULAS.

PART II.

Trismus Neonatorum.—Spasmodic lock-jaw in new-born infants.

\[
\begin{array}{ll}
R & \text{Chloral Hydrate Merck} \ldots 8 \text{ grn.} \\
 & \text{Tinct. Belladonna} \ldots 2 \text{ min.} \\
 & \text{Syrup} \ldots 3 \text{ fl. dr.} \\
 & \text{Water} \ldots 4 \text{ fl. dr.}
\end{array}
\]

One teaspoonful by mouth, or 2 teaspoonfuls by rectum, every 1 to 2 hours.

\[
\begin{array}{ll}
R & \text{Conine Hydrobromate Merck} \ldots 1/2 \text{ grn.} \\
 & \text{Sterilized Distilled Water} \ldots 4 \text{ fl. dr.}
\end{array}
\]

Three minims hypodermically, every 20 minutes if necessary.

\[
\begin{array}{ll}
R & \text{Potassium Bromide} \ldots 16 \text{ grn.} \\
 & \text{Chloral Hydrate Merck} \ldots 12 \text{ grn.} \\
 & \text{Syr. Tolu} \ldots 6 \text{ fl. dr.} \\
 & \text{Cinnamon Water} \ldots 2 \text{ fl. oz.}
\end{array}
\]

Teaspoonful in water every hour.

OTHER REMEDIES FOR TRISMUS:

Aconite, Indian Hemp, Ether, Gelseminine, Opium, Physostigmine.

Tuberculosis.—A specific infectious disease due to the tubercle bacillus invading various tissues of the body. See Phthisis, Laryngitis, Lupus, Chronic Meningitis, Rickets, Scurvy, etc.

Tumors.—Morbid new-growths or swellings. See Cancer, Condylomata, etc.

Tyloma.—A callous growth. See Callosity.

Tympanites.—Meteorism.—Gas or air-distension of the intestines or peritoneum. See Flatulence, Typhoid Fever, Peritonitis.

Typhlitis.—Inflammation of the cecum.

\[
\begin{array}{ll}
R & \text{Magnesium Sulphate} \ldots 12 \text{ dr.} \\
 & \text{Dil. Sulphuric Acid} \ldots 2 \text{ fl. dr.} \\
 & \text{Tinct. Opium} \ldots 4 \text{ fl. dr.} \\
 & \text{Spt. Chloroform} \ldots 2 \text{ fl. dr.} \\
 & \text{Peppermint Water} \ldots 2 \text{ fl. oz.}
\end{array}
\]

Teaspoonful in water every hour.

(As purgative.)

\[
\begin{array}{ll}
R & \text{Icthylol Merck} \ldots 3 \text{ fl. dr.} \\
 & \text{Belladonna Ointment} \ldots 3 \text{ dr.} \\
 & \text{Lanum} \ldots 3 \text{ dr.}
\end{array}
\]

Anoint painful region freely several times daily, and apply warmth.

\[
\begin{array}{ll}
R & \text{Arsenous Acid Merck} \ldots 1 \text{ grn.} \\
 & \text{Hemogallol} \ldots 4 \text{ dr.} \\
 & \text{Euquinine} \ldots 1/2 \text{ grn.} \\
 & \text{Ext. Nux Vomica} \ldots 10 \text{ grn.}
\end{array}
\]

Make into 120 pills.

Two after each meal.

(For anemia and debility following.)

OTHER REMEDIES FOR TYPHLITIS:

Arsen-hemol, Aristol, Levico Water, Metallic Mercury, Veratrum Viride.

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Typhoid Fever.—Enteric Fever.—An eruptive fever believed to be caused by the bacillus typhosus, the principal lesions of which are found in Feyer's glands.

R

For constipation:

Calomel. .................. 1 grn.
Sodium Bicarbonate ....... 20 grn.
Dispense as 6 powders.
One every hour till effective.
(Only during first week of disease.)

R

Diarrhea:

Bismuth Subnitrate ........ 2 dr.
Tannalin .................. 3 dr.
Dionin .................... 2 grn.
Dispense as 12 powders.
One every 3 hours.

R

Morphine Sulphate
Sodium Bismuth Phosphate
Merck 2 grn.
Merck ......... 90 grn.
Tinct. Krameria ......... 4 fl. dr.
Syr. Tolu ............... 1 fl. oz.
Distilled Water ... to make 6 fl. oz.
Dessertspoonful every 3 hours.

R

For fever:

Antipyrine ................ 80 grn.
Simple Elixir ............ 4 fl. dr.
Water .................... to make 2 fl. oz.
Teaspoonful every hour till temperature begins to fall.
(These vary for fever.
If is that antipyrines should be used only when temperature is unusually high.)

R

Triphenin ................. 40 grn.
Euquinine ................. 40 grn.
Sugar .................... 20 grn.
Divide into 10 powders.
One as required.
(For high fever.)

R

Guaiacol Merck .......... 2 fl. dr.
Olive Oil ................. 2 fl. dr.
Paint 20 to 40 minims over abdomen when required, and cover with oiled silk.
(Use cautiously; depression sometimes follows.)

R

For intestinal antiseptics (and against tympanites):

Naphthol Resubl. Merck .... 1 dr.
Salol Merck ......... 30 grn.
Aromatic Powder ....... 30 grn.
Dispense as 12 powders.
One every 4 hours. For existing tympanites apply cloths wrung out of hot water and sprinkled with small quantity of mixture equal parts Eucalyptol Merck and Oil Turpentine.

R

Bismuth Salicylate Merck 3 dr.
Ichthalin ................. 3 dr.
Peppermint Oil Sugar .... 1 gr.
Divide into 24 powders.
One 3 times daily.

R

Sodium Sulphocarbonate
Sodium Bismuth Phosphate
Merck 3 grn.
Merck ......... 30 grn.
Resorcin Resubl. Merck ... 2 fl. oz.
Peppermint Water ....... 4 fl. oz.
Tablespoonful every 4 hours.

R

For intestinal hemorrhage:

Stypticon Merck, ...... 12 grn.
Ergotin (Bonjean) Merck 30 grn.
Simple Elixir ............ 3 fl. oz.
Tablespoonful every 2 to 4 hours, as needed. Apply ice-bag to abdomen.

R

Ergotin (Bonjean) Merck 30 grn.
Stypticon Merck .......... 20 grn.
Glycerin ................ 2 fl. dr.
Freshly boiled Distilled Water ...... to make 4 fl. dr.
Inject 30 minims hypodermically.
(In emergency.)

R

Tannin Acid “Superior,
Merck” 1 dr.
Tinct. Opium ............ 1 fl. dr.
Oil Turpentine ........ 90 min.
Muclage Acacla ......... 12 fl. dr.
Spt. Chloroform ....... 2 fl. dr.
Peppermint Water ....... to make 6 fl. oz.
Two tablespoonfuls at bedtime.
(In con tinuous oozing.)

R

For weak heart:

Caffeine Merck .......... 4 grn.
Tr. Strophanthus Merck .... 1 fl. dr.
Syr. Ginger ............. 4 fl. dr.
Water .................... to make 2 fl. oz.
Teaspoonful every 4 hours.

R

Digitalin “German”
Merck ................. 2 grn.
Strophanthus ............ 3 fl. oz.
Elixir Curacoa .......... 4 fl. dr.
Water .................... to make 4 fl. oz.
Dessertspoonful every 4 hours, as long as required.

R

For anemia following:

Hemoglobin ............. 4 dr.
Euquinine ................. 4 dr.
Make into 120 pills.
Two before meals.

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243
Typhoid Fever.—Continued.

OTHER REMEDIES FOR TYPHOID FEVER:
Hydrochloric Acid, Phosphoric Acid, Aconite, Arnica, Belladonna, Digitalis, Quinidine, Quinine, Veratrum Viride, for pyrexia; Salicylic Acid, Camphor, Chlorine Water, Chloroform Water. Creosote, Ichthoform, Iodine, Ichthyol, Mercury Bichloride, Thymol, Tribromphenol, for intestinal antisepsis; Alum, Silver Nitrate, Opium, Bismuth Subgallate, Zinc Sulphocarbolate, for diarrhea.

Typhus Fever.—Camp Fever; Jail Fever; Ship Fever.—An acute, infectious, exceedingly contagious fever, attended with profound depression of the vital powers, headache, severe pains in the back and thighs, rapid pulse, and peculiar dark hue of the skin.

R  For circulatory depression:
  Digitalin "German" Merck ........... 24 grn.
  Brandy .................. to make 6 fl oz.
Dessertspoonful in water every 4 hours.

R  For fever:
  Triphenin .................. 40 grn.
  Euquinme .................. 40 grn.
  Aromatic Powder .......... 20 grn.
Dispense as 10 powders.
One every 4 hours.
(When fever very high.)

R  For restlessness:
  Dlounin ............... 6 grn.
  Sodium Bromide .......... 3 dr.
Dispense as 12 powders.
One every 3 hours till quiet.

R  During convalescence:
  Phosphorus ............ 1 grn.
  Arsenous Acid Merck ...... 1 grn.
  Euquinme ............... 1 dr.
  Hemoi .................. 2 dr.
  Ext. Nux Vomica ...... 10 grn.
Make into 60 pills.
One after each meal.

OTHER REMEDIES FOR TYPHUS FEVER:
Phosphoric Acid, Salicylic Acid, Alcohol, Camphor, Chloral Hydrate, Chlorine Water, Coca, Cod-liver Oil, Hyoscyamus, Musk, Oli Valerian, Podophyllum, Potassium Chlorate, Potassium Nitrate, Strychnine, Tartar Emetic.

Typhus Icteroides.—See RELAPSING FEVER.

Ulcers.—Open sores on any part of the body caused by gradual disintegration of the tissue.

R  For corneal:
  Cadmium Sulphate Merck 4 grn.
  Boric Acl & Cryst ....... 10 grn.
  Tinct. Opium ............. 1 fl. dr.
  Rose Water ................ to make 2 fl oz.
  Instil freely into eye every 4 hours.

R  Resorcin for Insufflation,
  Merck ................... 5 grn.
  Iodole ................... 90 grn.
  Dust Into eye.

R  Eczeumatous:
  Salicylic Acid Merck .... 15 grn.
  Tar Ointment ............. 1 oz.
  Lanum ................... 1 oz.
Apply freely on lint.

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FORMULAS.

Urethral:  
- Lead Acetate: 5 grn.
- Distilled Water: 8 fl. oz.

Use as injection 3 times daily, or apply with swab, using urethroscope.

Uterine:  
- Tarroform: 90 grn.
- Icthyol Merck: 2 fl. dr.
- Vaseline: 2 dr.
- Lanum: 1 oz.

Apply with aid of speculum.

Tubercular:  
- Iodoform: 1 dr.
- Resorcin Merck: 30 grn.
- Lanum: 5 dr.
- Petrolatum: 3 dr.

Apply freely on lint.

Tubercular:  
- Resorcin Merck: 2 dr.
- Thiocol: 1 dr.
- Rose Water: 3 fl. oz.
- Glycerin: 1 fl. oz.

Apply with pledget of cotton.

OTHER REMEDIES FOR ULCERS:
- Arol, Arsenous Acid, Boric Acid, Chronic Acid, Gallic Acid, Nitric Acid, Sulphuric Acid, Trichloracetic Acid, Alum, Alumina, Arol, Belladonna, Bismuth salts, Borax, Bromine, Camphor, Chloral, Cocaine, Copper Sulphate, Creosote, Icthyolform, Iodine, Lead salts, Mercury salts, Potassium Permanganate, Pyrokain, Turpentine, Zinc salts.

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245
**Uremia.**—Poisoning of the blood from accumulation of urinary constituents in it.

**R. Cathartic treatment:**
- Elaterin Merck ............... ½ grn.
- Milk Sugar .................. 15 grn.
Dispense as 5 powders. One on tongue, washed down with draught of water. Repeat daily or every other day.

**R.**
- Calomel .................. 8 grn.
- Comp. Jalap Powder ........ 80 grn.
Divide into 4 powders. One every hour.

**R.**
- Sodium Sulphate .......... 2 oz.
- Water .................. 8 fl. oz.
- Two fl. oz. in tumbler water before breakfast.

**R. Diuretic treatment:**
- Potassium Acetate ......... 4 dr.
- Tinct. Digitalis .......... 150 min.
- Water .................. to make 4 fl. oz.
Dessertspoonful in water every 4 hours.

**OTHER REMEDIES FOR UREMIA:**
Amyl Nitrite, Colchicine, Morphine, Nitroglycerin, Croton Oil, Sodium Benzoate, Urethane.

**Urethritis.**—Inflammation of the urethra.

**R. Gleet and chronic gonorrhea:**
- Bismuth Subnitrate ............ 4 dr.
- Mucilage Acacia ............. 4 fl. dr.
- Water .................. 3 fl. oz.
Inject into urethra morning and night. Shake well before using.

**R.**
- Carbolic Acid Merck ........ 15 grn.
- Zinc Sulphate Merck ........ 15 grn.
- Alum .................. 15 grn.
- Water .................. 6 fl. oz.
Use from syringe once daily, at first diluting with ½ water and gradually increasing to full strength.

**R.**
- Hydastine Hydrochlorate Merck ........ 8 grn.
- Zinc Acetate Merck ........ 8 grn.
- Glycerin .................. 4 fl. dr.
- Water .................. to make 4 fl. oz.
Inject several times daily.

**R.**
- Mercury Bichloride .......... ¾ grn.
- Distilled Water ............ 16 fl. oz.
Use as injection.

**R. Diaphoretic treatment:**
- Pilocarpine Hydrochlorate Merck ........ 1 grn.
- Peppermint Water ........... 1 fl. oz.
Teaspoonful as required to produce perspiration. (Use in conjunction with hot pack. Avoid if heart is weak or pulmonary edema exists.)

**R. Diuretic treatment:**
- Citrated Caffeine Merck .... 24 grn.
- Sugar .................. 40 grn.
Divide into 12 powders. 3 per day at intervals of 2 hours.

**For convulsions, see Convulsions, Uremic.**

**R. To prevent convulsions:**
- Chloral Hydrate Merck .... 30 grn.
- Potassium Bromide ........ 1 dr.
- Tinct. Veratum Viride .... 30 min.
- Syr. Orange ............. 4 fl. dr.
- Water .................. to make 2 fl. oz.
Tablespoonful as required when convulsion threatens.

**R. Gleet and chronic diarrhea:**
- Methylene Blue Medical- nal Merck .... 40 grn.
- Powd. Nutmeg ............. 40 grn.
- Dionin .................. 10 grn.
Make into 30 capsules. One capsule 3 times daily.

**R.**
- Methylene Blue Medicinal Merck .... 20 grn.
- Copaiba .................. 2 fl. dr.
- Oleoresin Cubeb ........... 2 fl. dr.
- Pancreatin ............... 1 dr.
Put into 24 capsules. Two 2 hours before meals.

**R.**
- Largin .................. 2 dr.
- Hot Distilled Water ....... 7 fl. oz.
Dispense in amber-colored bottle. Use as injection several times daily.

**R. Ichthylol Merck ........ 1 fl. dr.
- Vaselin .................. 7 dr.
- Lanum .................. 1 oz.
Introduce into urethra with salve syringe or cannulated sound.
Uricemia.—See Lithemia.

Uric-Acid Diathesis.—Uricademia; Lithuria.—Tendency to accumulation of uric acid in the blood. See Lithemia.

Urinary Incontinence of.—See Incontinence of Urine.

Urticaria.—Hives; Nettle-rash.—An inflammatory skin disease with an eruption like the sting of nettles.

R Acute or subacute gonorrhoea: Zinc Permanganate Merck 10 grn. Distilled Water 12 fl. oz.

Inject several times daily.

R Oil Santal 2 fl. dr. Copaba 2 fl. dr. Lime Water 12 fl. dr. Mucilage Tragacanth 3 fl. oz. to make 8 oz. Teaspoonful 3 or 4 times daily.

R Copaba 150 min. Salol Merck 150 grn. Pepsin 150 grn. Comp. Sarsaparilla 1 fl. oz. to make 4 fl. oz. Teaspoonful 3 or 4 times daily.

R Thioslnamine Merck 15 grn. Milk Sugar 1 dr. Put into 60 capsules. Two daily, morning and afternoon, increasing by 1 capsule until 12 are being taken daily. Do not take evenings.

R Thioslnamine Merck 20 grn. Glycerin 100 min. Boiled Distilled Water 100 min. Inject 10 to 15 minims into triceps or gluteus every 3 days.

OTHER REMEDIES FOR URETHRITIS:

Acetanilid, Airol, Tannic Acid, Aconite, Alkalies, Alum, Argonin, Borax, Calomel, Europhen, Potassium Chlorate, Potassium Permanganate, Pyrargol, Resorcin, Silver Citrate, Silver Nitrate, Sodium Salicylate.
Urticaria.—Continued.

R Chronic:
Arsen-hemol. .......... 90 grn.
Ichthyl Merc. .......... 3 fl. dr.
Powd. Ext. Licorice,
Muclilage Acacia to make 120 pills.

Two after meals. Increase every fourth day by 2 pills a day until 20
are taken daily; then decrease same
way. When daily dose of 6 pills is
reached again, discontinue for few
days; then resume as before.

R Levico Water, Mild .......... 1 bottle
Tablespoonful after meals, diluted.
Increase dose to 3 tablespoonfuls;
after 2 weeks change to tablespoon-
ful doses of Stronger Levico Water.
Gradually increase this in like man-
er, and by degrees lower dose until
dose first begun with is again
reached.

R Sodium Salicyl. Merck .......... 4 dr.
POTASH BICARBONATE
Merck ............. 4 dr.
Peppermint Water ......... 3 fl. oz.
Teaspoonful, diluted, after meals.
(In rheumatic subjects.)

OTHER REMEDIES FOR URTICARIA:
Acetanilid, Alkalies, Calcium Chloride, Colchicum, Gadul, Glycerinopho-
phates, Iodides, Ichthalin, Iodipin, Iodo-hemol, internally; Benzoic Acid, Sal-
icylic Acid, Iodine, Lead salts, Carbolic Acid, Hydrocyanic Acid, Sodium
Bicarbonate, Corrosive Sublimate, Potassium Cyanide, Borax, externally.

Uterine Affections.—See under titles of respective diseases.

Uterine Inertia.—See LABOR.

Uterus, Subinvolution of.

R Ergotin (Bonjean) Merck .... 1 dr.
Ext. Black Haw ....... 90 grn.
Make into 30 pills.
Two 3 times daily, after meals.

OTHER REMEDIES FOR SUBINVOLUTION:
Hydrastis Canadensis, Hydrastinine Hydrochlorate, Cotton Root, Corn Silk,
Pennyroyal.

Uvula, Relaxed.—Lack of tone with elongation of the uvula, the small
fleshy body that hangs above the root of the tongue.

R Silver Nitrate .......... 10 grn.
Distilled Water .......... 1 fl. oz.
Paint uvula night and morning.
(Acute, painful cases.)

R Tannic Acid "Superior,
Merck" .............. 1 dr.
Glycerin .............. 4 fl. dr.
Paint uvula several times daily.
FORMULAS.

Uvula, Relaxed.—Continued.

R

Ichthyol Merck........ 2 fl. dr.
Glycerin............. 2 fl. oz.
Peppermint Water..... 10 fl. oz.

Use as gargle every 2 or 3 hours.
(When inflamed or congested.)

OTHER REMEDIES FOR RELAXED UVULA:
Ammonium Bromide, Capsicum, Kino, Pyrethrum, Zinc salts, Alum, Nutgall.

Vaginismus.—Spasm of the muscular walls of the vagina, usually accompanied with severe pain.

R

Internal treatment:
Morphine Sulphate Merck 1 grn.
Atropine Sulphate Merck 3 grn.
Simple Elixir........... 1 fl. oz.

Two teaspoonfuls at bedtime, or when suffering.

R

Calcium Glycerinophosphate Merck........ 5 dr.
Eucalipin................ 90 grn.
Hemol.................... 4 dr.

Dispense in 120 capsules.
Two after each meal, followed by draught of water.
(As nerve tonic.)

R

Internal treatment:
Dionin.................. 3 dr.
Chloral Hydrate Merck... 1 dr.
Sodium Bromide.......... 90 grn.
Syr. Orange.............. 4 fl. dr.
Water...................... to make 2 fl. oz.

Dessertspoonful at night. Repeat in an hour if necessary.

OTHER REMEDIES FOR VAGINISMUS:
Collinsonia, Conium, Hyoscyamine, Tropacocaine, Internally; Iodoform, Iodoformogen, Lead salts, Tincture Opium, locally.

Vaginitis.—Inflammation of the vagina.

R

Acute gonorrhea:

Hydrastine Hydrochlorate Merck........ 15 grn.
Water...................... to dissolve
Lanum..................... 4 dr.
Copaiba................... 1 fl. dr.
Petrolatum................. 4 dr.

Saturate absorbent cotton, and pack vagina night and morning after irrigating.

R

Potassium Permanganate. 2 oz.
Half teaspoonful in 2 quarts warm water, as vaginal douche morning and night. Then use either Ichthyol-glycerin or largin-glycerin (as above) on tampons.

Acute gonorrhea:

Ichthyol Merck........ 1 fl. dr.
Iodoform.............. 1 dr.
Tannic Acid “Superior, Merck”........ 30 grn.
Lanum................... 1 dr.
Oil Theobroma........


To make 6 vaginal suppositories.

Incorporate ichthyol with lanum, and mix with cocoa butter and iodoform, then incorporate tannic acid. Insert one twice daily after warm douche of boric acid (1 dr. to 1 pt.) or creolin (15 min. to pt.)

R

Largin................. 4 dr.
Glycerin............. 8 fl. oz.

Insert in cotton tampons twice daily after previous irrigation.

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FORMULAS.

Vaginitis.—Continued.

R Acute non-specific:

Powd. Alum .................. 8 oz.
Powd. Boric Acid .................. 8 oz.

Two teaspoonfuls to pint water as douche for children; 4 teaspoonfuls to quart, for adults. Inject night and morning.

R

Boric Acid .................. 4 oz.
Tannic Acid "Superior, Merck" .................. 2 oz.

Three teaspoonfuls to quart water, as douche night and morning.

OTHER REMEDIES FOR VAGINITIS:

Acetanilid, Ahol, Chlorine Water, Copper Sulphate, Eucalyptus, Formaldehyde, Lead Acetate, Potassium Chlorate, Resorcin, Silver Nitrato.

Valvular Disease.—Disease of the valves of the heart. See HEART DISEASES: Insufficiency.

Varicella.—An acute contagious disease popularly known as chicken-pox. See CHICKEN-POX.

Varicocele.—An enlarged condition of the veins of the spermatic cord and scrotum.

R

Ergotin (BonJean) Merck 30 grn.
Ext. Nux Vomica .................. 3 grn.
Euphrine .................. 30 grn.
Arsen-hemol Merck .................. 30 grn.

Make into 24 pills.
One 3 times daily, after meals. Use cold douche to parts daily, and support scrotum in well-fitting suspensory bandage.

OTHER REMEDIES FOR VARICOCELE:

Sodium Chloride, Ammonium Muriate, Lead Acetato, externally; Digitalis, Ergot, Strychnine Nitrato, Hemogalliol, Ichthalbin, internally.

Varicose Veins.—Excessive dilatation of veins.

R

Barium Chloride Merck 30 grn.
Ichthyo1 Merck .................. 2 fl. dr.
Oil Rose .................. 5 drops
Olive Oil .................. 2 fl. dr.
Lanum .................. 6 dr.

Apply 3 times daily and bandage.

R

Ichthyo1 Merck .................. 2 fl. dr.
Spt. Ether .................. 2 fl. dr.
Collodion .................. 4 fl. dr.

Paint on distended veins twice daily, allow to dry, and apply suspensory bandage.

R

Ergotin (BonJean) Merck 1 dr.
Glycerin .................. 1 fl. dr.
Distilled Water .................. 7 fl. dr.

Inject 15 minims hypodermically near veins.

R

Ichthyo1 Merck .................. 3 fl. dr.
Hemogalliol 150 grn.
Euphrine .................. 1 dr.

Mass and dispense in 40 capsules. One before each meal. (To improve circulatory system and general condition.)

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PART II.

FORMULAS.

Varicose Veins.—Continued.

R
Strychn. Nitrate Merck... ½ grn.
Barium Chloride Merck... 6 grn.
Hemopallol........................... ½ dr.
Dried Suprarenal Capsule
Merck............................... 2 dr.
Dispense as 24 capsules.
One 8 times daily.
(To improve circulation.)

OTHER REMEDIES FOR VARICOSE VEINS:
Digitalin, Extract Hamamelis, Ichthalbin, internally; Lead Acetate, Resorcin, Carbo Acid, Boric Acid, externally.

Variola.—See Smallpox.

Venerale Diseases.—See Chancre, Gonorrhea, and Syphilis.

Verruca.—See Warts.

Vertigo.—The technical name for dizziness or "swimming" in the head.

R Aural (Ménière’s Disease):
Sodium Bromide............... 2 dr.
Antipyrine....................... 80 grn.
Tinct. Gelsemium............. 2 fl. dr.
Simple Elixir...to make 4 fl. oz.
Dessertspoonful 3 times daily.

R Tablets Erythrol Tetranitrate Merck, 1/4 grn... No. 24
One 3 times daily.

R Bilious:
Potassium Sulphate........... 30 grn.
Calomel.......................... 13 grn.
Make into 4 powders.
One at bedtime.

R Cardiac:
Digitalin "German"
Merck......................... 2 grn.
Elixir Calsaya................ 3 fl. oz.
Teaspoonful 3 times daily.

R Gastric:
Sodium Bicarbonate........... 4 dr.
Tinct. Nux Vomica............ 3 fl. dr.
Peppermint Water............. to make 6 fl. oz.
Dessertspoonful in water after meals.

R Strychnine Sulphate........ ¼ grn.
Iron and Quin. Citrate, Soluble, 24 grn.
Simple Elixir................ 2 fl. oz.
Dessertspoonful 3 times daily.

R Nervous:
Equinoline..................... 30 grn.
Hemol............................ 90 grn.
Calcium Glycerinophosphate Merck........ 2 dr.
Dispense in 24 capsules.
One before meals.
(As nervine.)

R Monobrom. Camphor
Merck............................. 20 grn.
Sodium Bromide.............. 90 grn.
Peppermint Oil Sugar...... 30 grn.
Dispense as 30 powders in waxed paper.
One, repeated in 1 to 2 hours if necessary.
(During severe attack.)

R Senile:
Mercury Bichloride........... 1 grn.
Tinct. Iron Chloride........ 4 fl. dr.
Syrup............................ 4 fl. dr.
Peppermint Water............. to make 3 fl. oz.
Teaspoonful in wineglassful water 3 times a day.

R Fowler’s Solution........... 1 fl. dr.
Tinct. Nux Vomica............ 4 fl. dr.
Sodium Glycerinophosphate Merck........ 2 fl. dr.
Glycerin......................... 1 fl. oz.
Water............................ to make 4 fl. oz.
Teaspoonful in water after meals.

OTHER REMEDIES FOR VERTIGO:
Alkalies, Amyl Nitrite, Bromilpin, Bromo-hemol, Nitroglycerin, Quinine, Gold.

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FORMULAS.

Vomiting.—An emptying of the stomach through the mouth, generally preceded by nausea.

**Alcoholism:**
- Strychn. Nitr. Merck... 4 grn.
- Strychn. Sub mass. Merck. 2 grn.
- Vegetable Nitr. Merck... 4 grn.
- Aluminium Hydroxide... 2 dr.
- Bismuth Carbonate... 4 grn.
- Calomel... 1 grn.
- Glycerin... 3 fl. dr.
- Water... to make 2 fl. oz.

Teaspoonful in water 4 times daily.

**Gastric ulcer:**
- Dionin... 6 grn.
- Bismuth Subnitrate... 2 dr.
- Carbollic Acid Merck... 6 grn.
- Peppermint Water... 3 fl. oz.

Two teaspoonfuls every 2 hours.

**Pregnancy** (morning sickness):
- Dionin... 6 grn.
- Strychn. Nitr. Merck... 1 grn.
- Bismuth Subcarbonate... 2 dr.
- Creosote (Beechwood)... 4 min.

Dispense in 24 powders, inclosed in waxed paper.

One every 3 to 4 hours.

**Gastric fermentation (see also FLATULENCE):**
- Resorcin... 15 grn.
- Chloroform Water... 8 fl. oz.

Tablespoonful every 1 to 2 hours as long as required.

**Gastric inflammation:**
- Tinct. Aconite... 10 min.
- Strychn. Sub mass. Merck... 2 grn.
- Dionin... 2 grn.
- Strychn. Sub mass. Merck... 2 grn.
- Vegetable Nitr. Merck... 4 grn.
- Water... to make 2 fl. oz.

Two teaspoonfuls every 2 to 3 hours.

**Vulvitis.—** Inflammation of the external genitals of the female. Its treatment is like that of vaginitis. See VAGINITIS.

OTHER REMEDIES FOR VOMITING:
- Acetanilid.
- Hydrochloric Acid.
- Sulphurous Acid.
- Alkalies.
- Alum.
- Ammonium Carbonate.
- Amyl Nitrite.
- Arsenic.
- Atropine.
- Brandy.
- Chloral.
- Nitroglycerin.
- Oil Cloves.
- Quinine.
- Potassium Bromide.
- Potassium Iodide.
- Silver Nitrate.
- Sodium Sulphite.

Vulvitis.—Inflammation of the external genitals of the female. Its treatment is like that of vaginitis. See VAGINITIS.

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FORMULAS.

**Warts.**—**Papillomata; Verrucae.**—Small elevations of the skin due to epidermal and papillary hypertrophy.

**R** Common:
- Trioxymethylene (Para-formaldehyde) Merck... 24 grn.
- Castor Oil.......................... 12 min.
- Collodion .......................... 1 fl oz.

Apply with camel's-hair pencil. Shake well before using.

**R**
- Fl. Ext. Cannabis Indica. 2 fl. dr.
- Salicylic Acid Merck.... 30 grn.
- Collodion to make 1 fl. oz.

Paint on twice daily.

**R**
- Formaldehyde Medicinal. 1 fl oz.

Apply with swab twice daily.

**OTHER REMEDIES FOR WARTS:**
- Acetic Acid, Arsenous Acid, Carbolic Acid, Chromic Acid, Nitrile Acid, Phosphoric Acid, Tannic Acid, Trichloracetic Acid, Burnt Alum, Chloraq, Copper Oleate, Creosote, Mercuric Nitrate, Silver Nitrate, Sodium Ethylate, Zinc Sulphate.

**PART II.**

**Water-Brash.**—A gastric affection in which there is an eructation of acid fluid and a sensation of burning. See **Pyrosis**.

**White-Leg.**—A form of phlebitis of the leg that often occurs in women after delivery. See **Phleagmasia Alba Dolens**.

**Whites.**—A whitish discharge from the female genitals. See **Leucorrhrea**.

**Whitlow.**—Ulceration of the tissue near a nail. See **Onychia**.

**Whooping-cough.**—An infectious disease characterized by inflammation of the respiratory tract, associated with a spasmodic cough in which a peculiar whooping sound occurs. See **Pertussis**.

**Wool-sorcer’s Disease.**—See **Anthrax**.

**Worms.**—Various parasites that infest the intestinal tract.

**R** Ascarides (round worms):
- Santonin Merck.......... 3 grn.
- Calomel.................... 4 grn.
- Sugar........................... 5 grn.

Make into 1 powder for child of 10 to 12 years; into 2 powders for child of 3 to 4 years.

One at bedtime, and follow in morning with castor oil or solution magnesium citrate.

**R**
- Fl. Ext. Spigelia 2 fl. dr.
- Fl. Ext. Senna............. 2 fl. dr.
- Syr. Rose..................... 2 fl. dr.

Teaspoonful night and morning, for children 4 to 5 years old.

**R**
- Fl. Ext. Spigelia and Senna 1 fl oz.
- Santonin Merck.......... 8 grn.

Teaspoonful to child of 5 years.

**Oxyuris (thread or seat-worms):**
- Dried Iron Sulphate 30 grn.
- Euquiline.............. 40 grn.
- Ext. Cascara Sagrada 2 dr.
- Ext. Senna............... 2 dr.

Make into 60 pills.

Two to six per day. (For adults.)

**R**
- Fl. Ext. Quassia........ 1 fl oz.

Two teaspoonsfuls to half pint warm water as rectal injection at bedtime for several nights; to be retained 5 to 15 minutes, and preceded by cleansing enema of soap and water.

**R**
- Santonin Merck.......... 15 grn.
- Tannic Acid “Superior, Merck” 1 dr.
- Oil Theobroma............. 3 dr.

Make into 4 suppositories.

Introduce one at bedtime.
FORMULAS.

**Worms.—Continued.**

R. *Tenia* (tape-worm):

- Oleoresin Male Fern
  - Merck. 90 min.
- Oil Torpentine (Rectified) 20 min.
- Chloroform. 15 min.
- Mucilage Acaemia to make 1 fl. oz.

Take half at night, the rest in morning. Shake well before using. Follow with brisk purge in 1 hour.

R. Pelletierine Tannate

- Merck. 20 grn.
- Koussein Merck. 15 grn.
- Garantose. 1 grn.

Put into 3 capsules. One to three, according to age, with water, followed in 2 hours by cathartic.

OTHER REMEDIES FOR WORMS:

- Fillic Acid, Picric Acid, Aloe, Eucalyptus, Naphtalin, Papain, Quassin, Ether, Croton Oil.

**Wounds.—Injuries to the body given by accident or violence.**

R. **Antiseptic washes:**

- Mercury Bichloride. 3 grn.
- Water. 1 pint

For washing wounds, irrigating cavities, and saturating dressings.

R. Carbolic Acid Merck. 1 to 2 dr.

- Water. 1 pint

As wash, irrigating fluid, or on dressings.

R. Creolin-Pearson. 1 fl. dr.

- Water. 1 pint

For irrigating, washing, or on dressings.

R. Formaldehyde Medicinal. 10 min.

- Water. 1 pint

Apply as wash or irrigating fluid.

R. Pyoktanin

- 15 grn.
- Water. 1 pint

For irrigating wounds, and to apply on dressings.

R. Potassium Permanganate

- 30 grn.
- Distilled Water. 8 fl. oz.

For washing poisoned wounds, and for injecting hypodermically around such wounds.


- Glycerin. 1 fl. oz.
- Distilled Water. 4 fl. oz.

Tablespoonful morning and evening for 5 days. (For adults.)

R. Kamala. 20 grn.

- Pelletierine Tannate
  - Merck. 6 grn.
- Confection Senna. 30 grn.

At once, after fasting 24 hours, in child 6 to 8 years old.

R. Thymol Merck. 2 dr.

- Peppermint Oil Sugar. 1 dr.

Make into 12 powders. One every 30 minutes. Begin and end with castor oil. (For adults.)

**Dusting-powders:**

R. *Iodoform*: 2 dr.

- Iodoform. 2 dr.

Dust on wound and leave unchanged for 2 or 3 days, unless discharge necessitates change.

R. Iodoformogen. 4 dr.

Dust on wound, and change when discharge demands it.

R. Iodoform. 4 dr.

- Thymol Merck. 2 grn.

Apply as indicated.

R. Powd. Acetanilid. 2 dr.

- Powd. Boric Acid. 1 dr.

Apply as needed.

R. Powd. Acetanilid. 2 dr.

- Bismuth Subnitrate. 4 dr.

Use as dusting powder once or twice daily.

R. **Paint for superficial wounds:**

- Iodoform. 1 dr.
- Flexible Collodion. 7 fl. dr.

Hold edges of wound in perfect apposition, and apply with camel's hair brush.

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Wounds.—Continued.

<table>
<thead>
<tr>
<th>R. Paint for superficial wounds:</th>
<th>R. Paint for superficial wounds:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salol Merck........................ 1 dr.</td>
<td>Ichthyol Merck.................... 30 min.</td>
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<tr>
<td>Ether.................................. 1 fl. dr.</td>
<td>Traumaticin........................ 5 fl. dr.</td>
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<tr>
<td>Dissolve and add:</td>
<td>Use like above.</td>
</tr>
<tr>
<td>Flexible Collodion.................. 7 dr.</td>
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</tbody>
</table>

OTHER REMEDIES FOR WOUNDS:

Chromic Acid, Salicylic Acid, Sulphurous Acid, Arol, Aluminum Acetate, Aluminum Chloride, Aristol, Balsam Peru, Tincture Benzoin, Bismuth Oxydride, Bismuth Subgallate, Borax, Charcoal, Euphorin, Europhen, Ichthalbin, Witch Hazel, Hydrogen Peroxide, Nosphen, Orthoform, Tanniform, Tribromphenol, Xeroform, Zinc salts.

Wry-Neck.—Twisting of the neck due to contraction of the cervical muscles. See Torticolli.

Yellow Fever.—An acute, infectious fever peculiar to warm climates, attended with jaundice, gastric hemorrhage, and intestinal hemorrhage.

R. Antiseptic, gastro-intestinal:

| Calomel.............................. 3 grn. | Antipyrine......................... 40 grn. |
| Sodium Bicarbonate.................. 10 grn. | Acetanilid......................... 30 grn. |

Dispense as 1 powder.

On tongue.

(Initial purge.)

R. Salol Merck......................... 1 dr.

Resorcin Resubl. Merck.............. 1 dr.

Peppermint Oil Sugar.............. 20 grn.

Make into 12 powders.

One every 3 hours.

R. Naphthol Benzoate............... 1 dr.

Ichthalbin......................... 2 grn.

Peppermint Oil Sugar.............. 20 grn.

Make into 12 powders.

One every 3 hours.

R. Stypdein Merck.................. 20 grn.

Antipyrine.......................... 1½ grn.

Hydrochlorate...................... 4 fl. dr.

Orange-Flower Water................ to make 2 fl. oz.

Teaspoonful every 3 to 4 hours.

R. Antipyrine......................... 2 grn.

Ergotin (Bonjean) Merck............ 1 dr.

Tannic Acid “Superior, Merck”..... 2 grn.

Cinnamon Water..................... 8 fl. oz.

Teaspoonful in water every 3 hours.

For high fever:

R. Triphenin......................... 1 dr.

Euquinine......................... 1 grn.

Peppermint Oil Sugar.............. 20 grn.

Make into 12 powders.

One every 3 hours till temperature fails.

R. For nausea and vomiting:

Cocaine Hydrochlorate Merck....... 8 grn.

Bismuth Subnitrate.................. 1 grn.

Resorcin Resubl. Merck............. 30 grn.

Sugar......................... 20 grn.

Dispense as 12 powders.

One every 3 hours.

R. Valldol......................... 4 fl. dr.

Fifteen to 20 drops every 1 to 2 hours, as needed.

OTHER REMEDIES FOR YELLOW FEVER:

Carbolic Acid, Nitrohydrochloric Acid, Salicylic Acid, Mercury salts, as antiseptics; Lead Acetate, to check hemorrhage; Aconite, Cinchifuga, Phluarpine, Potassium Acetate, Salines, Veratrum Viride, to lessen fever; Gelsemium, Opium, for pain; Ipecac, Menthol, Capsicum, Oil Turpentine, for vomiting.

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Part III—Classification of Medicaments

According to their Physiologic Actions.

Alteratives.
- Acid, Arsenous.
- Acid, Cacodylic.
- Acid, Hydriodic.
- Acid, Perosmic.
- Ammonium Benzoate.
- Ammonium Chloride.
- Antimony salts.
- Arsenic.
- Arsen and Mercury
  Iodide Solution.
- Arsen-hemol.
- Arsenetes; and Arsenates.
- Calcium Chloride.
- Calchicum and Colchicine.
- Copper salts.
- Creosote and its compounds.
- Cupro-hemol.
- Ethyl Iodide.
- Firwein.
- Gadul.
- Glycerin Tonic Comp.
- Gold salts.
- Guaiacol and its compounds.
- Ichthalbin.
- Ichthoform.
- Ichthyol.
- lodipin.
- lodole.
- Calcium Comp.
- Iodoform.
- Iodoformogen.
- Iodo-hemol.
- Iodo-bromide Calcium Comp.
- Iodoform.
- Iodoformogen.
- Iodo-hemol.
- Iode.
- Manganese Dioxide.
- Mercurials.
- Potassium Bichromate.
- Potassium Chlorate.
- Potassa, Sulphurated.
- Pulsatilla.
- Sanguinaria.
- Silver salts.
- Sodium Cacodylate.
- Sodium Metavanadate.
- Stillingia.
- Sulphur.
- Suprarenal Capsule.
- Thioc.
- Thyroldin.
- Tri-iodides (Henry’s).
- Xanthoxylum.
- Zinc salts.

Analgesics.—See Analgesics, General.

Anaphrodisiaes.
- Belladonna.
- Bromides.
- Bromplin.
- Camphor.
- Cocaine.
- Conium and Conine.
- Digitalis.
- Gelsemine.
- Gelsemium.
- Hyoscyne Hydrobrom.
- Hyoscyamus.
- Opium.
- Stramonium.
- Aconitine.
- Ammonia Water.
- Atropine.
- Belladonna.
- Chloroform.
- Chloral Hydrate.
- Guaiacol.
- Ichtchyol.
- Oil Hyoscyamus.

Anesthetics, General.—See also, Anodynes, General.

Chloroform.
- Ether.
- Ethyl Bromide.
- (Nitrous Oxide.)

Anesthetics, Local.—See also, Anodynes, Local.

Chloretone.
- Ether Spray.
- Ethyl Chloride.
- Ecacine.
- Eugenol.
- Holocaine.
- Menthol.
- Nirvanin.
- Orthoform.
- Tropacocaine.

Anodynes, General.
- Acetanilid.
- Acid, Salicylic; and Salicylates.
- Aconitine.
- Ammonial.
- Antikamnia.
- Antipyrine.
- Aspl.In.
- Atropine.
- Bromides.
- Butyl-chloral Hydrate.
- Caffeine.
- Camphor, Monobrom.
- Chloroform.
- Citrophen.
- Codeline.
- Dionin.
- Dioxyburnia.
- Ephorphin.
- Gelsemine.
- Kryofine.
- Lactophenin.
- Methylene Blue.
- Morphine salts.
- Neuroin.
- Neuroine.
- Oil Gauitheria.
- Phenacetin.
- Svanpin.
- Tongaline.
- Triphenin.

Anodynes, Local.—See also, Anesthetics.

Acid, Carbolie.
- Aconite: tincture.

Antacids or Alkalines.

Calcium Carbonate.
- Lime Water.
- Lithium Carbonate.
- Magnesia.
- Magnesium Carbonate.
- Potassium Bicarbonate.
- Potassium Carbonate.
- Potassium Hydrate.
- Sodium Bicarbonate.
- Sodium Carbonate.
- Sodium Hydrate.

Antihelminitics.

Ammonium Embelate.
- Aspidium.
- Chenopodium.
- Kouscelin.
- Naphtalin.
- Oil Turpentine.
- Extract Male Fern.
- Pelletierine Tannate.
- Pumpkin Seed.
- Quassia Infusion.
- Santounin with calomel.
- Sodium Santounine.
- Spigelia.
- Thymol.

Anti-emetics.

Acid, Hydrocyanic.
- Bismuth Subcarbonate.
- Bismuth Subnitate.
- Bromides.
- (Carbonated Water.)
- Cerium Oxalate.
- Chloroform.
- Codeline.
- Dionin.
- Ether.
- Menthol.
- Morphine.
- Orehine Tannate.

Antigalactogogues.

Agaricin.
- Belladonna.
- Camphor: topically.
- Conium.
- Ergot.
- Iodides.
- Saline Purgatives.

Antigonorrhoeics (or Antihemorrhagics).

Arol.
- Alum.
- Alumnlol.
### Classification

<table>
<thead>
<tr>
<th>Argentamine</th>
<th>Ichthalbin</th>
</tr>
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<tbody>
<tr>
<td>Argolin</td>
<td>Ichthargan</td>
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<tr>
<td>Bismuth Subgallate</td>
<td>Ichthoform</td>
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<tr>
<td>Bismuth Oxyiodide</td>
<td>Iodoform</td>
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<tr>
<td>Copaiba</td>
<td>Iodoformogen</td>
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<td>Iodo</td>
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<td>Iodozene</td>
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<tr>
<td>Hydrozine Hydrochlor</td>
<td>Largin</td>
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<tr>
<td>Ichthargan</td>
<td>Listerine</td>
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<td>Loretin</td>
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<td>Losophen</td>
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<td>Potassium Permangan</td>
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<td>Mercury Chloride</td>
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<td>Sodium Borate, Neutral</td>
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<td>Tannic Acid</td>
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<td>Zinc Carbolate</td>
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<td>Zinc Permanganate</td>
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<td>Zinc Sulphocarbolic</td>
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</tbody>
</table>

### Antiperspirants

<table>
<thead>
<tr>
<th>Acetanilid</th>
<th>Antiphlogistics. See also, Antipyretics.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acid, Benzol; and Benzoates.</td>
<td>Aconite: tincture.</td>
</tr>
<tr>
<td>Alkalies</td>
<td>Antimony-Potassium Tartrate.</td>
</tr>
<tr>
<td>Calcium Hippurate</td>
<td>Digitoxin.</td>
</tr>
<tr>
<td>Eunatrol</td>
<td>Gelsemium.</td>
</tr>
<tr>
<td>Fornin</td>
<td>Ichthahalin.</td>
</tr>
<tr>
<td>Lithium salts.</td>
<td>Ichthyol: internally.</td>
</tr>
<tr>
<td>Lysidine</td>
<td>Lead salts.</td>
</tr>
<tr>
<td>Lycetol</td>
<td>Mercury.</td>
</tr>
<tr>
<td>Magnesium Citrate</td>
<td>Optum.</td>
</tr>
<tr>
<td>Magnesium Oxide</td>
<td>Resinol.</td>
</tr>
<tr>
<td>Piperazine</td>
<td></td>
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<tr>
<td>Potassium Bicarbonate</td>
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<tr>
<td>Potassium Carbonate</td>
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<tr>
<td>Potassium Citrate</td>
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</tr>
<tr>
<td>Salformin</td>
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<tr>
<td>Sodium Bicarbonate</td>
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<tr>
<td>Sodium Phosphate</td>
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<tr>
<td>Sodium Pyrophosphate</td>
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<tr>
<td>Sodium SaliEcitate</td>
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<tr>
<td>Uricedrin</td>
<td></td>
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<tr>
<td>Urosin</td>
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</tbody>
</table>

### Antiparasitics

<table>
<thead>
<tr>
<th>Acetanilid</th>
<th>Antiseptics. See also, Disinfectants.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acid, Benzol; and Benzoates.</td>
<td>Acetanilid.</td>
</tr>
<tr>
<td>Acid, Carnolic.</td>
<td>Acid, Benzoic, and Benzoates.</td>
</tr>
<tr>
<td>Acid, Salicylic.</td>
<td>Acid, Boric; and Borates.</td>
</tr>
<tr>
<td>Aconite: tincture.</td>
<td>Acid, Carbollic.</td>
</tr>
<tr>
<td>Ammonium Acetate: solution.</td>
<td>Acid, Oxy-Naphtol, Alpha.</td>
</tr>
<tr>
<td>Ammonium Benzoate.</td>
<td>Acid, Picric.</td>
</tr>
<tr>
<td>Ammonol.</td>
<td>Aristol.</td>
</tr>
<tr>
<td>Antifon.</td>
<td>Aristol.</td>
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<tr>
<td>Aspirin.</td>
<td>Aristol.</td>
</tr>
<tr>
<td>Cinchonidine.</td>
<td>Aristol.</td>
</tr>
<tr>
<td>Citrophen.</td>
<td>Aristol.</td>
</tr>
<tr>
<td>Eunatrol.</td>
<td>Aristol.</td>
</tr>
<tr>
<td>Eunatrol.</td>
<td>Aristol.</td>
</tr>
<tr>
<td>Lactophenin.</td>
<td>Aristol.</td>
</tr>
<tr>
<td>Neurodine.</td>
<td>Aristol.</td>
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<tr>
<td>Phenacetin.</td>
<td>Aristol.</td>
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<tr>
<td>Quinidine.</td>
<td>Aristol.</td>
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<tr>
<td>Quinine and salts.</td>
<td>Aristol.</td>
</tr>
<tr>
<td>Resorcin.</td>
<td>Aristol.</td>
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<tr>
<td>Thalline Sulphate.</td>
<td>Aristol.</td>
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<tr>
<td>Thermodin.</td>
<td>Aristol.</td>
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<tr>
<td>Triphenin.</td>
<td>Aristol.</td>
</tr>
<tr>
<td>Veratrum Viride: tincture.</td>
<td>Aristol.</td>
</tr>
</tbody>
</table>

### Antiseptics

<table>
<thead>
<tr>
<th>Acetanilid</th>
<th>Antisialagogues.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acid, Benzoic; and Benzoates.</td>
<td>Atropine.</td>
</tr>
<tr>
<td>Acid, Carbollic.</td>
<td>Belladonna.</td>
</tr>
<tr>
<td>Acid, Oxy-Naphtol, Alpha.</td>
<td>Cocaine Hydrochlorate.</td>
</tr>
<tr>
<td>Acid, Picric.</td>
<td>Myrt.</td>
</tr>
<tr>
<td>Aristol.</td>
<td>Optum.</td>
</tr>
<tr>
<td>Aristol.</td>
<td>Potassium Chlorate.</td>
</tr>
<tr>
<td>Aristol.</td>
<td>Sodium Borate.</td>
</tr>
<tr>
<td>Aristol.</td>
<td></td>
</tr>
</tbody>
</table>

### Antispasmodics

| Acid, Arsenous; and Arsenites.  | Antispasmodics. Acid, Camphoric.         |
| Acid, Picric.                   | Ammonium Valerian.                      |
| Ammonium Fluoride.              | Amyl Alcohol.                           |
| Asphenol.                       | Amyl Nitrite.                           |
| Berberine Carbonate.            | Antispasmin.                            |
| Cinchona; and alkaloids of.     | Antispasmin.                            |
| Eucalyptol.                     | Atropine.                                |
| Eugenol.                        |                                          |
| Euphorin.                       |                                          |
| Europhen.                       |                                          |
| Formaldehydro.                  |                                          |
| Glycozone.                      |                                          |
| Hydrogen Peroxide.              |                                          |
| Hydrozone.                      |                                          |
CLASSIFICATION.

PART III.

Benzene.
Bromoform.
Bitter-Almond Water.
Bromides.
Bromoform.
Camphor.
Camphor, Monobrom.
Cherry-Laurel Water.
Chlorof orm.
Chlorof orm hydrobromate.
Dioxyburnia.
Erythrol Tetrana trate.
Eserine.
Ether.
Ethyl bromide.
Ethyl iodide.
Hyoscyne Hydrobrom.
Hyoscyamus.
Lactucarum.
Lobelia.
Lupulin.
Morphine.
Musk.
Nitrites.
Nitroglycerin.
Opium.
Oxaphor.
Paraldehyde.
Pulvilloa: tincture.
Stramonium.
Validol.
Zinc Valerianate.

Antituberculars.
Acid, Cinnamic.
Acid, Sulphurous.
Arsenical compounds.
Cantharidin.
Creosote and its compounds.
Eugenol.
Gadul.
Guaiacol and salts.
Glycerinophosphates.
Ichthialbin.
Ithchyl.
Iodoform or Iodoformogen: topically.
Iodole.
Menthol.
Methylene Blue.
Oil Cod-Liver.
Sodium Cacodylate.
Sodium Chinamate.
Sodium Formate: subcutaneously.
Sodium Metavanadate.
Thiocel.

Antizymotics. — See Antiseptics and Disinfectants.

Aperients. — See Catharties.

Aphrodisiacs. —
Cantharides.
(Damiana.)
Gadul.
Glycerinophosphates.
Gold.
Mulra Puama: fl. ext.
Nux Vomica.
Phosphorus.
Strychnine.

Astringents.
Acid, Chromic.
Acid, Ga lic.
Acid, Lactic.
Acid, Tannic.
Acid, Trichloracetic.
Alum.
Aluminum Acetate: solution.
Aluminum Acetotart.
Aluminum Chloride.
Aluminum Sulphate.
Bismuth Subgallate, and other bismuth salts.
Cadmium Acetate.
Cadmium Sulphate.
Copper Acetate.
Copper Sulphate.
Eudoxine.
Ferricyprine.
Gallobromol.
Hydrastine Hydrochlor.
Hydrastis (Lloyd's).
Hydrastis, Fluid (Herrell's).
Ichthargan.
Ichthyl.
Iron Sulphate, and other iron salts.
Lead Acetate, and other lead salts.
Mercurol.
Potassium Bichromate.
Resinol.
Silver Citrate.
Silver Nitrate.
Xerof orm.
Zinc Acetate.
Zinc Sulphate.

Astringents, Intestinal.
Acid, Lactic.
Acid, Tannic.
Bismul.
Bismuth Naphtolate.
Bismuth Subgallate, and other bismuth salts.
Blackberry.
Bursa Pastoris.
Catechu.
Eudoxine.
Geranium.
Hematoxylon.
Kino.
Krameria.
Lead Acetate.
Silver Nitrate.
Tannalin.
Tannigen.
Tannopine.
Xerof orm.

Cardiac Sedatives.
Acid, Hydrocyanic.
Aconite.
Antimony preparations.
Chlorof orm.
Digitall.
Gelsemium.

Cardiac Stimulants.
Adonidi n.
Ammonia.
Ammonium Carbonate.
Atropine.
Caffeine.
Digitalin.
Digitalis.
Digitoxin.
Erythrol Tetrana trate.
Ether.
Nitroglycerin.
(Oxygen.)
Spa rteine Sulph ate.
Strophanthin.
Strophanthus.
Strychline.

Carminatives.
Anise.
Calumba.
Capsicum.
Cardamom.
Caraway.
Cascarilla.
Chamomile.
Clothona.
Chirata.
Cinnamon.
Coves.
Gentian.
Ginger.
Nutmeg.
Nux Vomica.
Oil Cajuput.
Oil Mustard.
Orange Peel.
Orexine Tannate.
Piper.
Pimenta.
Quassia.
Sassafras.
Serpentaria.
Validol.

Catharties.

LAXATIVES:
Cascara Sagrada.
Figs.
Glycerin.
Magnesium Carbonate.
Magnesium Oxide.
Manna.
Mannit.
Melachol.
Oil Almond, Exp.
Oil Olive.
Rhamnus Cathart.
Rhamnus Frang.
Sulphur.

SIMPLE PURGATIVES:
Aloes.
Calonel.
Oil Castor.
Rubarb.
Senna.

SALINE PURGATIVES:
Magnesium Citrate.
 Magnesium Sulphate.
PART III.

Potassium Bitartrate.
Potassium Tartrate.
Potassium and Sodium Tartrate.
Sodium Phosphate.
Sodium Pyrophosphate.
Sodium Sulphate.
Sodium Tartrate.

DRASTIC CATHARTICS:
Colocynth.
Colocynthin.
Elaterin.
Elaterium.
Euonymin.
Gamboge.

HYDROGOGUES:
Drastic Cathartics in large doses.
Saline Purgatives.

CHOLAGOGUES:
Aloin.
Euonymin.
Leptandrin.
Mercurials.
Ox-Gall.
Podophyllum.

Cautics. — See Escharotics.

Cerebral Depressants. — See also, Narcotics.
Anesthetics, general.
Antispasmodics: several.
Hypnotics.
Narcotics.

Cerebral Stimulants.
Alcohol.
Amyl Nitrite.
Atropine.
Belladonna.
Caffeine.
Cannabis.
Coca.
Cocaine.
Coffee.
Etrythrol Tetranitrate.
Ether.
Nitroglycerin.
Strychnine.

Cholagogues. — See Cathartics; also, Stimulants, Hepatic.

Cicatrizants. — See Antiseptics.

Constructives. — See Tonics.

Counter-Irritants. — See Irritants.

Demulcents.
Acacia.
Albunen.
Athea.
Cetraria.
Chondrus.
Elm.
Flaxseed.
Gelatin.
Glycerin.
Ox Almond, Exp.
Ox Olive.
Salep.
Starch.

Deodorants. — See also, Disinfectants.
Acid, Carboelic.
Calcium Permanganate.
Chlorine Water.
Creolin.
Formaldehyde.
Hydrogen Peroxide.
Hydrozone.
Iron Sulphate.
Listerine.
Potassium Permanganate.
Tanniform.
Vitogn.
Zinc Chloride.

Deoxidizers (Reducing Agents or Reactives).
Acid, Pyrogallic.
Eugalol.
Euriben.
Euresol.
Ichthyol.
Lenigallol.
Lenirobin.
Resorcin.
Saligallol.

Depilatories.
Barium Sulphide.
Calcium Oxide, (Calcium Sulphhydrate.)
Cautery.
Sodium Ethylate.
Sodium Sulphide.

Depressants, various. — See Cerebral, Hepatic, Motor, Respiratory.
— Also, Cardiac Sedatives.

Diaphoretics and Sudorifics.
Acid, Salicylic; and Salicylates.
Aconite.
Ammonium Acetate.
Caphor.
Dover’s Powder.
Ether.

Diuretics.
Adonidin.
Adonis Vernalis.
Ammonium Acetate.
Apocynum.
Atropine.
Belladonna.
Cactus Grandiflorus.
Caffeine.
Convallamarin.
Copaiba.
Cubeb.
Digitalis preparations.
Diltorin.
Diuretin.
Formin.

Classifications.
Gualac.
Opium.
Phloropine Hydrochlor.
Potassium Citrate.
Potassium Nitrate.
Sodium Nitrate.
Spirit Nitrous Ether.
Tongaline.
Veratrum Viride.

Digestives.
Acid, Hydrochloric.
Acid, Lactic.
Diastase of Malt.
Extract of Malt.
Ingluin.
Lactopeptine.
Orexine Tannate: indirectly by increasing peptic secretion and gastric peristalsis.
Pancreatin.
Papain.
Pepsin.

Discutients. — See Resolvents.

Disinfectants. — See also, Deodorants.
Acid, Boric.
Acid, Carboelic.
Acid, Sulphurous.
Aluminium Chloride.
Ammon. Persulphate.
Bensolyptus.
Borates.
Boro-fluorine.
Calcium Permanganate.
Chlorine Water.
Creolin.
Eucalyptol.
Formaldehyde.
Glyco-thymoline.
Glycozone.
Hydrogen Peroxide.
Hydrozone.
Ichthargan.
Iron Sulphate.
Lime, Chlorinated.
Mercury Bichloride.
Naphtol.
Oil Eucalyptus.
Potassium Permanganate.
Solution Chlorinated Soda.
Thymol.
Zinc Chloride.
CLASSIFICATION.

Juniper.
Kava Kava.
Lithium salts.
Lycetol.
Lysidine.
Matico.
Nitrites.
Oil Juniper.
Oil Santal.
Pilocarpine Hydrochlor.
Piperazine.
Potassium Acetate.
Potassium Bitartrate.
Potassium Citrate.
Potassium Nitrate.
Salformln.
Sodium Acetate.
Sodium Nitrate.
Sparteine Sulphate.
Spirit Nitrous Ether.
Squill.
Strophanthus.
Theobromine.
Theobromine and Sodium Salicylate.
Uropherin.

Ecbolics.—See Oxytocics.

Emetics.
Antimony and Potassium Tartrate.
Apomorphine Hydrochlor.
Copper Sulphate.
Emetine.
Ipecac.
Ipecac.
Mercury Sub sulphate.
Mustard, with tepid water.
Zinc Sulphate.

Emmenagogues.
Aloes.
Apfol.
Cantharides.
Ergot.
Eumenol.
Guaian.
Iron Chloride, and other salts of iron.
Manganese Dioxide.
Myrrh.
Pennyroyal.
Potassium Permangan.
Rue.
Savine.
Tansy.

Errhines (Sternu- tatories).
Cubeb.
Sanguinarine.
Veratrine.
White Hellebore.

Escharotics (Caus tics).
Acid, Acetic, Glacial.
Acid, Ars enous.
Acid, Carbolic.
Acid, Carbole, Iodized.

Acid, Chromic.
Acid, Lactic.
Acid, Nitric.
Acid, Trichloracetic.
Alum, Burnt.
Copper Sulphate.
Iodine.
Potass.
Silver Nitrate.
Soda.
Sodium Ethylate.
Zinc Chloride.

Expectorants.
Acid, Benzoic.
Ammoniac.
Ammonium Carbonate.
Ammonium Chloride.
Ammonium Sulphate.
Antimony and Potassium Tartrate.
Antimony salts in general.
Apomorphine Hydrochlor.
Balsam Tolu.
Benzoates.
Emetine, in small doses.
Glycyrhrizin, Ammoniated.
Ipecac.
Lobelia.
Oil Turpentine.
Pilocarpine Hydrochlor.
Potassium Jodide.
Pyridine.
Sanguinarine.
Saponin.
Squill.
Tar.
Terebene.
Terpene Hydrate.
Terpinol.

Galactagogues.
Acid, Lactic.
Alcohol.
Ammonium Chloride.
Castor Oil: topically.
Extract Malt.
Jaborandi.
Pilocarpine Hydrochlor.

Gastric Tonics (Stomachics).
Alkalies: before meals.
Aromatics.
Berberine Carbonate.
Bismuth salts.
Bitters.
Carminatives.
Chamomilla Compound
Hydrastis.
Ichthalin.
Nux Vomica.
Orexine Tannate.
Quassia.

Hematinics.—See also, Tonics.

Acid, Arsenous; and arsenical compounds.
Carnogen.
Ext. Bone-marrow.
Gadoul.
Globon.
Hemo-gallol.
Hemo.
Hemoglobin.
Iron compounds.
Levico Water.
Manganous compounds.
Pepto-mangan.
Sanguiferrin.
Sodium Cacodylate.
Sodium Metavanadate.

Hemos tatics.—See Styptics and Hemostatics.

Hepatic Depressants.

LESSENING BILE:
Euquinine.
Lead Acetate.
Purgatives: many of them.
Morphine.
Opium.
Quinine.

LESSENING UREA:
Colchicum.
Dionin.
Euquinine.
Morphine.
Opium.
Quinine.

LESSENING GLYCogen:
Arsenic.
Antimony.
Codeine.
Dionin.
Morphine.
Opium.
Phosphorus.

Hepatic Stimulants.

Acid, Benzoic.
Acid, Nitric.
Acid, Nitrohydrochlor.
Aloes.
Ammonium Chloride.
Antifl Nitrite.
Antimony:
Arsenic.
Benzoates.
Calomel.
Colocynth.
Eunatrol.
Euphym.
Podophyllin.
Resin Jalap.
Sanguinarine.
Sodium Bicarbonate.
Sodium Phosphate.
Sodium Pyrophosphate.
Sodium Salicylate.
Sodium Sulphate.

PART III.

Hematinics.—See also, Tonics.

Acid, Arsenous; and arsenical compounds.
Carnogen.
Ext. Bone-marrow.
Gadoul.
Globon.
Hemo-gallol.
Hemo.
Hemoglobin.
Iron compounds.
Levico Water.
Manganous compounds.
Pepto-mangan.
Sanguiferrin.
Sodium Cacodylate.
Sodium Metavanadate.

Hemostatics.—See Styptics and Hemostatics.

Hepatic Depressants.

LESSENING BILE:
Euquinine.
Lead Acetate.
Purgatives: many of them.
Morphine.
Opium.
Quinine.

LESSENING UREA:
Colchicum.
Dionin.
Euquinine.
Morphine.
Opium.
Quinine.

LESSENING GLYCogen:
Arsenic.
Antimony.
Codeine.
Dionin.
Morphine.
Opium.
Phosphorus.

Hepatic Stimulants.

Acid, Benzoic.
Acid, Nitric.
Acid, Nitrohydrochlor.
Aloes.
Ammonium Chloride.
Antifl Nitrite.
Antimony:
Arsenic.
Benzoates.
Calomel.
Colocynth.
Eunatrol.
Euphym.
Podophyllin.
Resin Jalap.
Sanguinarine.
Sodium Bicarbonate.
Sodium Phosphate.
Sodium Pyrophosphate.
Sodium Salicylate.
Sodium Sulphate.
PART III.

CLASSIFICATION.

Hypnotics (Soporifics).

Acetanilid.
Amylene Hydrate.
Apopomorphine Hydrochlor.
Bromidla.
Cannabine Tannate.
Chloral Hydrate.
Chloralose.
Chloralumid.
Chloretone.
Codeine.
Dionln.
Dormiol.
Duboisine Sulphate.
Hyoscine.
Hyoscyamine.
Morphine.
Paraldehyde.
Sulfonal.
Trional.
Urethane.

Muscarine.
Nitrites.
Nitroglycerin.
Physoptigmine.
Quinine: large doses.
Spartene Sulphate.
Veratrum Viride.

Motor Excitants.

Alcohol.
Atropine.
Belladonna.
Brucine.
Camphor.
Chloroform.
Nux Vomica.
Picrotoxin.
Pilocarpine Hydrochlor.
Pyridine.
Strychnine.

Mydriatics.

Atropine.
Buchalphine Hydrochlor.
Homatropine Hydrobromate.
Hyoscine Hydrobromate.
Mydrine.
Scopolamine Hydrobromate.

Narcotics.—See also, Hypnotics.

Chloroform.
Choral Hydrate.
Conium.
Hyoscine.
Hyoscyamine.
Morphine.
Opium.

Myotics.

Arecoline Hydrobromate.
Eserine (Physostigmine).
Pilocarpine Hydrochlor.

Nervines.—See Anti-spasmodics, Analgesics, Sedatives, Anesthetics, Motor Depressants, Motor Stimulants, Narcotics.

Nutrients.—See Hematinics and Tonics.

Oxytocics (Ecbolics).

Cotton-Root Bark.
Ergot.
Euquinine.
Hydrastine.
Hydrastinine Hydrochlor.
Pennyroyal.

Quinine.
Rue.
Savine.

Parasiticides.—See Antiseptics and Disinfectants.

Ptyalgogues.—See Styalogogues.

Purgatives.—See Cathartics.

Pustulants.—See Irritants.

Refrigerants.

Acid, Citric.
Acid, Phosphoric, Dilute.
Acid, Tartaric.
Ammonium Acetate.
Magnesium Citrate.
Magnesium Sulphate.
Potassium Bitartrate.
Potassium Citrate.
Potassium Nitrate.
Potassium Tartrate.
Sodium Nitrate.
Sodium Tartrate.

Resols (Dis-cutients).

Acid, Peromisc.
Arsenic.
Gadul.
Ichthaihin: internally.
Ichttyol.
Iodides.
Iodine.
Iodopin.
Iodo.
Iodo-hemol.
Levico Water.
Mercurials.
Thiosinamine.

Respiratory Depressants.

Acid, Hydrocyanic.
Aconite.
Chloral.
Chloroform.
Conium.
Gelsemium.
Muscjin.
Opium.
Physostigma.

Veratrum Viride.

Respiratory Stimulants.

Aspidosperma (Quebracho).
Aspidospermine.
Atropine.
Caffeine.
Cocaine.

Strychnine.

Restoratives.—See Hematinics, Tonics
CLASSIFICATION.

Rubefacients. — See Irritants.

Sedatives, Cardiac (or Vascular). — See Cardiac Sedatives.

Sedatives (Nerve). — See also, Depressants.


Soporifics. — See Hypnotics.

Spinal Stimulants. — See also, Motor Excitants.


Sternutatories. — See Errhines.

Stimulants, Bronchial. — See Expectorants.

Stimulants, Various. — See Gastric, Hepatic, Renal, Spinal, Vascular, etc.

Stomachics. — See Gastric Tonics.


Sudorifics. — See Diaphoretics.

Teniafuges. — See Anthelmintics.

Tonics, Cardiac. — See Cardiac Stimulants.

Tonics, General. — See also, Hematicines.


Tonics, Nerve. — See Nervousness, Neu- rashenia, Neuritis, Opium Habit, in Part II.


Vascular Sedatives and Vascular Stimulants. — See Cardiac Sedatives, and Cardiac Stimulants.

Vermicides. — See Anthelmintics.

Vesicants. — See Irritants.
PART IV—MISCELLANY

POISONING AND ITS TREATMENT

In treating cases of poisoning the following four indications must be kept in mind:—(A) How to most quickly get the bulk of the poison out of the stomach by forcibly emptying it; (B) how to antidote the residual poison after evacuating the stomach; (C) how to eliminate from the system the poison that has entered the blood or gone into the intestines; (D) how to treat the dangerous symptoms as they arise from the effects of the poison. The doses given are for adults.

Acetanilid, Antifebrin, Antipyrine, Exalgin, and Phenacetin.—(A) Use stomach-tube to syphon out stomach. (Stomach-pumps are now seldom used, as they cannot be kept in order until wanted and they cost vastly more than the very best make of tubes.) In absence of stomach-tube use any long rubber tube of proper capacity, and small glass funnel to pour water into. Excite free vomiting with 20-grn. doses of zinc sulphate or 1 to 4-dr. doses of mustard in tepid water, if no tube can be secured.—(D) Give aromatic spirit of ammonia in 30 to 60-min. doses, brandy or whisky in 1 to 3 fl. dr. doses, as stimulants; 2 to 3-min. doses of 2% solut. strychnine nitrate, to aid respiration; place patient at full length on floor or couch, loosen clothes, and supply plenty air or oxygen, to overcome cyanosis; apply hot-water bags or bottles, to keep up temperature; inject hypodermically 4 to 6 drops solution atropine sulphate containing 1 grn. to 1 fl. oz. water.

Acid, Acetic.—(A) Use stomach-tube with plenty of water, syphoning out stomach thoroughly.—(B) Give liberal quantities of calcined magnesia or magnesium carbonate, lime-water, sodium bicarbonate, or sal soda.—(D) Give milk, gruel, or oil, to protect mucosa.

Acid, Carbolic; and Creosote.—(A) In absence of excessive damage to mucosa of stomach, use stomach-tube, syphoning out stomach with alcoholic liquor or alcohol at first, followed by water. In absence of tube, give hypodermic injection of apomorphine hydrochlorate, using 5 to 6 drops of 2% solut.—(B) Give alcoholic liquors or alcohol freely, to protect stomach from escharotic action of acid, and as stimulant. These wanting, give vinegar, dilute acetic acid, or white of egg.—(C) Give sodium sulphate or other soluble sulphate well diluted, to hasten elimination of acid that may have entered circulation.—(D) Apply warmth to extremities; give flaxseed tea, elm tea, or gruel, to protect mucosa; inject hypodermically 2 to 3-min. solut. atropine sulphate 1 grn. in 1 fl. oz. water, to maintain blood-pressure; give inhalations of amyl nitrite, to assist respiration.

Acid, Carbonic; Choke Damp; and Coal Gas.—(C) Quickly get into lungs largest possible amount of pure air or oxygen. Stimulate respiration by raising and lowering arms, and by rhythmic
pressure on chest.—(D) Where respiratory movements have ceased, throw cold water on face. If heart appears to have stopped, strike chest few sharp blows with open palm over cardiac region; give inhalations of ammonia or amyl nitrite, or enema of strong coffee.

Acid, Chromic; and Chromates.—(A) Use stomach-tube and syphon out stomach with abundance of water. Give $\frac{1}{2}$ to 1 oz. mustard in 1 to 2 fl. oz. tepid water, repeating every 15 minutes till emesis occurs. In absence of mustard, give hypodermically 5 to 6 drops of 2% solut. apomorphine hydrochlorate, or per os 20 grn. zinc sulphate, repeating if necessary in 15 minutes.—(B) Give calcined magnesia or magnesium carbonate, sodium carbonate or sal soda, lime water, or chalk in water.—(C) Protect mucosa by giving milk, gruel, flaxseed tea, or elm mucilage.

Acid, Hydrocyanic (Prussic); Bitter-Almond Oil; Cyanides; Cherry-laurel Water.—(A) Empty stomach with stomach-tube or emetic—4 drams mustard in 1 to 2 fl. oz. water, or 20 grn. zinc sulphate, assisted by pushing finger down throat or tickling fauces with feather, are quick methods.—(B) Flush stomach with dil. solut. hydrogen peroxide; or give 20 grn. potassium carbonate in 1 fl. oz. water, and follow immediately with mixture of 10 grn. iron sulphate (or copperas) with 1 fl. dr. tincture iron in 1 fl. oz. water; or 1 fl. dr. Javelle water in glassful water, or $\frac{1}{2}$ fl. oz. chlorine water well diluted, may be used.—(C) Inject 15 min. undil. solut. hydrogen peroxide subcut. every few minutes till respiration and circulation improve.—(D) Immediately on seeing patient, pour cold water on face and chest, and give inhalations of ammonia, to stimulate respiration. Inject hypodermically 4 to 6 drops solut. atropine sulphate, 1 grn. to 1 fl. oz., to stimulate heart. Give brandy, whisky, or aromatic spirit ammonia, by mouth, rectum or hypodermically, for same purpose. See that patient receives largest possible amount of fresh air, and that body is kept warm by artificial heat.

Acid, Oxalic; and Oxalates.—(A) Use stomach-tube to syphon out contents of stomach, unless a very large and concentrated dose has been taken for long enough time to have destroyed the mucous membrane. Give in 1 fl. oz. water, $\frac{1}{4}$-oz. doses of mustard, or 20-gr. doses of zinc sulphate, repeated if necessary every 15 minutes, in cases where the stomach-tube cannot be used.—(B) Neutralize residual acid with magnesium oxide or carbonate, lime water, or chalk; do not use alkaline carbonates or bicarbonates.—(C) Give copious copious enema, and plenty water by stomach.—(D) Apply hot fomentations to loins.

Acids, Mineral: Hydrochloric, Nitric, Nitrohydrochloric, Phosphoric, Sulphuric.—(A) With strong acids do not use stomach-tube or pump, for fear of perforation of esophagus or stomach wall.—(B) Give solutions sodium carbonate or bicarbonate. In their absence, give magnesium oxide or carbonate, lime water, chalk, whiting, or plaster from the wall, mixed with water. Use barley-water, linseed tea, thin gruel, diluted starch, oil, milk, or white of egg freely.—(C) Administer hypodermic injection of $\frac{1}{2}$ to 1 grn. morphine sulphate, or give 10 to 12 min. deodorized tincture opium, to relieve pain.
Aconite and Aconitine.—(A) Syphon out stomach thoroughly with stomach-tube, or empty it promptly with hypodermic injection of 5 to 6 min. 2% solut. apomorphine hydrochlorate. In absence of these, give 20-grn. doses of zinc sulphate in 1 fl. oz. water, or 1-dr. doses of mustard in 1 fl. oz. water, every 15 minutes until they act. Give plenty water.—(B) Give ½ grn. iodine and 2 grn. potassium iodide in 1 fl. oz. water, or 5 grn. tannic acid, followed by water.—(D) Stimulate heart with aromatic spirit ammonia, brandy, or whisky; and give tincture digitalis in 15-min. doses hypodermically or 30-drop doses by mouth. Supply artificial heat, to keep the patient warm, and aid respiration with inhalations of few drops amyl nitrite. Supply plenty fresh air or oxygen, and have patient occupy position with head lower than body. Apply mustard plaster to pericardium. Give hypodermically 4 to 6 drops solution atropine sulphate containing 1 grn. to 1 fl. oz., and repeat in 1 hour if circulation is slow. If respiration ceases, rhythmically raise and lower arms from sides to over head and back again.

Alcohol.—(A) Use stomach-tube and plenty tepid water, followed by warm coffee, to thoroughly syphon out contents of stomach. If no tube is handy, evacuate stomach with 4-dr. doses of mustard, or 20-grn. doses of zinc sulphate in 1 fl. oz. water, repeated every 15 minutes till effective.—(B) Give strong coffee, or 2 to 4 min. 2% solut. strychnine nitrate hypodermically.—(D) Keep body very warm, and head cold. Give ½—1 fl. dr. doses of aromatic spirit ammonia, to overcome stupor, and repeatedly apply few drops of amyl nitrite or strong ammonia water to nose, to stimulate respiration. In case of asphyxia, use galvanic current, and see that plenty of fresh air is supplied. If bladder is distended, use catheter.

Alkalies: Ammonia, Potassa, and Soda.—(A) Do not use stomach-tube, for fear of perforation. Assist vomiting, which is usually present, with copious draughts of tepid water.—(B) Give vinegar and water, acetic acid well diluted with water, 1 to 2 dr. tartaric acid to pint water, citric acid of same dilution, or orange juice or lemon juice in liberal amounts. When dangerous amount of ammonia has been inhaled, let patient smell acetic acid, hydrochloric acid, or chloride water.—(D) To relieve pain, give ½ grn. morphine hypodermically, or 20 min. laudanum by mouth. To protect eroded membrane, give 1 to 4 fl. dr. olive oil, whites of 3 or 4 eggs, barley water, gruel, milk, mucilage or linseed tea.

Amyl Nitrite.—(A) Use stomach tube, if poison swallowed. Hypodermic of 4 to 6 min. 2% solut. Apomorphine.—(D) Supply plenty of air; place in recumbent position; assist respiration; give brandy; stimulate heart with 15-drop doses of tinct. digitalis.

Aniline Ink or Dyes.—Treat same as ACETANILID.

Antimony Compounds: Antimonial Wine, Tartar Emetic, etc.—(A) Where vomiting does not occur, use stomach-tube, or inject hypodermically 5 to 6 drops of 2% solut. apomorphine hydrochlorate.—(B) Give copious amounts of very strong tea, 15 to 20 grn. tannic acid or same amount gallic acid in 2 or 3 fl. oz. warm water.—(D) Keep patient warm with artificial heat, protect mucous membrane of stomach with flaxseed tea, starch paste, milk, white of egg, or gruel. Relieve pain with ½-grn. hypodermics of morphine sulphate, or 20-drop doses of laudanum by mouth. Give strong coffee, whisky, or brandy, to overcome depression.
Antipyrine.—See Acetanilid.

Apocynin, Dogbane, Indian Hemp.—Treat as Digitalis.

Arsenic, Arsenical Fly-Paper, Donovan’s Solution, Cobalt Salts, Fly Stone, Fowler’s Solution, Scheele’s Green, etc.—(A) Syphon out stomach with stomach-tube, if patient is seen soon after poisoning; otherwise use 4-dr. doses of mustard in 1 fl. oz. water, or 20-grn. doses of zinc sulphate in 1 fl. oz. water, every 15 minutes till vomiting occurs; giving warm water after each dose, to hasten action.—(B) Give official arsenic antidote (Ferri oxidum hydratum cum magnesia) in 1-dr. doses, or dialysed iron in, 30-min. doses.—(C) Protect stomach with 3 to 4 fl. dr. sweet oile gruel, starch, mucilage, linseed tea, or elm-bark mucilage. Relieve pain with 20-min. doses of laudanum by mouth, or 3 to 4-grn. doses of morphine hypodermically. Give dose of castor oil. Keep patient warm with artificial heat or extra garments, and give: brandy or whisky to avert collapse.

Atropine.—See Belladonna.

Barium Compounds.—Treat same as Lead Compounds.

Belladonna or Atropine, Hyoscyamus or Hyoscyamine, Stramonium or Daturine, Dulcamara or Solanine, Duboisia or Duboisine.—(A) Syphon out stomach with tube, using plenty water. If no tube at hand, use mustard in 4-dr. doses, zinc sulphate in 20-grn. doses, or apomorphine hypodermically in 5-min. doses of 2% solut.—(B) In syphoning out stomach or before giving emetic, administer 20-grn. tannic acid in 1 to 2 fl. oz. water, followed by more water in few seconds. Strong decoctions of oak bark or walnutleaves will answer same purpose. In absence of any of these, 1 grn. iodine with 10 grn. potassium iodide in 1 to 2 fl. oz. water will answer. Syphon must be used after this administration, or an emetic given.—(C) Give 1 fl. dr. doses of spirit nitrous ether, or ½ grn. pilocarpine nitrate, to hasten elimination.—(D) Give ½ to 2-grn. doses of morphine, 10 to 15-min. doses of laudanum, or 1 to 2-grn. doses of opium, to subdue cerebral excitement. Eserine in ½ to 3-grn. doses will assist in same direction. Give strong tea or coffee, 3 fl. dr. doses of whisky or brandy, and apply hot water to feet, with alternate douches of hot and cold water, to overcome the reaction and depression. If respiration is affected, rhythmically raise and lower arms from side of body to over head and back again. Hold ammonia water to nostrils.

Benzene.—(A) Syphon out stomach with tube, or use mustard in ½-oz. doses, zinc sulphate in 20-grn. doses, or apomorphine hypodermically in 5-min. doses of 2% solut., in all cases where benzene has been swallowed. In poisoning with benzene vapor, emesis or syphoning is unnecessary.—(D) See that patient gets abundance of fresh air. Rhythmically raise and lower arms from side of body to over head, and back again. To overcome depressing effects, give hypodermic injections of ½ grn. atropine, or 30 to 40-min. doses of tincture belladonna by mouth. Sustain heart by applying mild interrupted electric current over pericardium. Apply alternately cold and hot-water douches to chest.

Bichromate of Potassium.—See Acid, Chromic.
Blue Stone (Copper Sulphate).— See Mercury Compounds, under which head copper compounds are treated.

Bromides.—(A) Syphon out stomach with tube, or give 5 min. of 2% solut. apomorphine hypodermically.—(D) Give \( \frac{1}{4} \)-grn. doses of morphine sulphate, to combat mental symptoms; citrated caffeine in 5 to 8-grn. doses, or strong coffee, to combat depressing effect; and tincture digitalis in doses of 20 to 25 min., to steady heart.

Bromine.—(A) If bromine was swallowed, syphon out stomach with tube, or cause vomiting with hypodermic of 5 min. of 2% solut. apomorphine hydrochlorate.—(B) Give freely white of egg, boiled starch, gelatin, or 2 to 3 dr. sodium or potassium carbonate or bicarbonate in 1 to 2 fl. oz. water.—(D) Give strong coffee, or 5 to 8-grn. doses of citrated caffeine, to overcome depression. Where bromine vapor has been inhaled, inhalations of ammonia or of steam are indicated.

Brucine.—See Strychnine.

Calabar Bean.—See Physostigma.

Camphor.—(A) Syphon out stomach with tube, filling and re-filling several times with water. In absence of tube, give \( \frac{1}{2} \)-oz. doses of mustard, 20-grn. doses of zinc sulphate, or hypodermic injections of apomorphine hydrochlorate in 5-min. doses of 2% solut.—(C) Give 1 fl. oz. castor oil after stomach is emptied.—(D) Give frequent 1 fl. dr. doses of alcohol or brandy by mouth or hypodermically, to check tendency to convulsions. Have patient inhale ether for same purpose. Overcome cramps with alternate hot and cold douches, and apply hot-water bottles or warmed blankets to extremities.

Cannabis Indica.—Treatment as in Opium Poisoning.

Cantharides or Cantharidin.—(A) Empty stomach by syphoning with stomach-tube, or by emetic of 1 dr. mustard, 20 grn. zinc sulphate, or 5 min. of 2% solution apomorphine hydrochlorate, the latter hypodermically.—(C) Give plenty demulcent drinks (barley, elm, flaxseed tea; gruel, or pure water), but no oils or oily emulsion, as cantharidin is soluble in these.—(D) Relieve pain with opium or cataplasms to abdomen, and overcome depression with 3 or 4 fl. dr. doses of brandy or whisky. Keep up body heat with warm baths.

Carbolic Acid.—See Acid, Carbolic.

Carbon Disulphide.—(A) Syphon out stomach with tube, or give 4 dr. mustard in water, as emetic, repeating if necessary in 15 minutes.—(C) Give 1 oz. Rochelle or Epsom salt in abundance of water.—(D) Quiet nervous excitement with 20 or 30-grn. doses of potassium bromide and 10-grn. doses of chloral hydrate. Support circulation with 2 to 4 fl. dr. doses of brandy or whisky, and keep up body temperature with artificial heat. Hold ammonia to nostrils, and keep up respiration by rhythmically raising and lowering arms from side to over head and back again.

Castor Beans.—(A) Produce emesis by \( \frac{1}{2} \)-oz. doses of mustard in warm water, or 20-grn. doses of zinc sulphate in water.—(B) Give demulcent drinks of elm bark, flaxseed, or gruel.—(D) Give 1 to 2-grn. doses of opium, or 10 to 15-min. doses of laudanum, to check griping and tenesmus.
Cherry-Laurel Water.—See Acid, Hydrocyanic.

Chloral.—(A) Promptly empty stomach with tube, mustard in 1-dr. doses, or zinc sulphate in 20-grn. doses, repeated if necessary every 10 or 15 minutes; or give hypodermic injections of 5 min. of 2% solut. apomorphine hydrochlorate.—(B) Give 5 to 10-grn. doses of citrated caffeine, or liberal amounts of strong coffee, by mouth or rectum, through tube. Administer hypodermically 2 to 3 drops of 2% solut. strychnine nitrate, or ½ grn. picrotoxin, repeating in 15 minutes.—(D) Stimulate heart with inhalations of amyl nitrite. Overcome stupor by shaking, shouting, flagellation, or electric shocks; and, when necessary, keep up respiration by rhythmic raising and lowering of arms from sides to over head and back again. Apply ammonia to nostrils, and cold to head.

Chlorates or Nitrates (Potassium, Sodium, etc.).—(A) Syphon out stomach with tube, using plenty water to empty and refill several times. In absence of tube, use 4-dr. doses of mustard, 20-grn. doses of zinc sulphate, or 3 to 5-min. doses of 2% solut. apomorphine hydrochlorate, latter hypodermically.—(C) Have patient drink abundance of water or mucilaginous drinks.—(D) Relieve pain with opium. Keep patient warm with hot fomentations to loins. Stimulate respiration with amyl-nitrite inhalations. Do not administer stimulants or anything that will increase renal congestion.

Chloride of Zinc.—See Zinc Compounds.

Chlorine, Chlorinated Lime, Javelle Water or Labaraque’s Solution.—(A) Syphon out stomach several times with tube, using abundance of water, or induce vomiting with ¼-oz. doses of mustard in tepid water, or 20-grn. doses of zinc sulphate in solut., or hypodermic injections of 2 to 5 min. of 2% solution apomorphine hydrochlorate.—(B) Give raw white of egg, small quantities of ammonia water highly diluted, milk, flour, or lime-water. Give 20 grn. sodium thiosulphate in water. Where chlorine vapor has been inhaled, let patient inhale ammonia vapor.—(D) To overcome depression, give brandy or whisky in 2 to 3 fl. dr. doses. For pain and general discomfort, give ½ grn. morphine or 1 to 2 grn. opium.

Chloroform, Ether or Nitrous Oxide.—(A) If swallowed, evacuate stomach with tube, or with 4 dr. mustard, 20 grn. zinc sulphate, or hypodermic injections of 3 to 5 min. of 2% solut. apomorphine hydrochlorate.—(B) Give large draughts of water containing 3 or 4 dr. sodium carbonate or bicarbonate to tumefull, and administer enema of strong, hot coffee.—(D) Stimulate circulation with hypodermics of 2 or 3 drops of fresh 2% solut. strychnine nitrate, or of ½ to 1 fl. dr. doses of brandy. If heart is stopped, strike chest two or three times very hard, repeating every 15 minutes while necessary. Apply weak electric current, one pole on larynx, other on pit of stomach. Give inhalations of amyl nitrite or ammonia. Apply hot and cold douches. To restore arrested respiration, rhythmically raise and lower arms from side to over head and back to side again. In cases where chloroform or ether has been inhaled in excess, lower head and pull tongue forward, to admit plenty fresh air; in other respects pursue same course as when swallowed except as regards evacuating stomach.

Chromate of Potassium.—See Acid Chromic.

Coal Gas.—See Acid, Carbonic.
PART IV.  

MISCELLANY.

Cobalt.—See ARSENIC.

Cocaine.—(A) Syphon out stomach with tube, or evacuate it with ½-oz. doses of mustard and warm water. In absence of mustard, use 20-grn. doses of zinc sulphate, hypodermics of 3 or 4 drops of 2% solut. of apomorphine hydrochlorate.—(B) Give 20-grn. tannin in 1 fl. oz. water, and follow with syphon or emetic. Strong decoctions of oak bark or of walnut leaves will answer in absence of tannin. Solut. 1 grn. iodine and 10 grn. potassium iodide in 1 fl. oz. water may be given if other antidotes not on hand. Use tube or emetic afterward.—(D) Give inhalations of amyl nitrite, to counteract heart depression; ¼-grn. doses of morphine, to overcome nervous excitement or delirium, if present; inhalations of oxygen, to overcome threatened asphyxia; and brandy or whisky in 2 or 3 fl. dr. doses, as stimulant. If respiration is arrested, rhythmically raise and lower arms from side to over head and back again. Chloral in 45 to 60-grn. doses, and hypodermic injections of nitroglycerin (1 or 3 min. of 1% solut.) sometimes prove valuable.

Cocculus Indicus.—See STRYCHNINE.

Codeine.—See OPIUM.

Colchicum (Wine or Tincture), Colocynth or Elaterium.—(A) Syphon out stomach with tube, or give hypodermic of 3 to 5 drops of 2% solut. apomorphine hydrochlorate. In absence of either use ½-oz. doses of mustard, or 20-grn. doses of zinc sulphate, if vomiting has not already occurred.—(B) Give ½-dr. doses of tannic acid in 1 fl. oz. water; or decoctions of oak bark or of walnut leaves, or tea.—(C) Give plenty water and demulcent drinks of slippery elm, flaxseed or gruel.—(D) Give ¼ grn. morphine, or 1 to 2 grn. opium, to allay pain and purging, and to overcome cardiac depression. Give 3 or 4 fl. dr. brandy or whisky, as stimulant. Apply hot fomentations to abdomen, and artificial heat to extremities.

Conium and Coniine.—(A) Empty stomach with tube, or give emetic of mustard (4 dr. to 1 fl. oz. water), zinc sulphate (20 grn. to 1 fl. oz. water), or apomorphine hydrochlorate hypodermically (3 or 4 min. of 2% solut.).—(B) Give tannin (30 grn. to 1 fl. oz. water), strong tea, decoctions of oak bark or of walnut leaves, or 1 grn. iodine and 10 grn. potassium iodide in 1 fl. oz. water. Always evacuate stomach after giving antidote.—(C) Give plenty water, gruel, flaxseed tea, or elm-bark mucilage. Give 1 fl. oz. castor oil.—(D) Administer strong coffee, 2 or 3 fl. dr. doses of brandy or whisky, 2 to 3 min. of 2% solut. strychnine nitrate hypodermically; or 1 or 2 drops of 1% solut. picrotoxin hypodermically. If respiration is arrested, rhythmically raise and lower arms from side of body to over head and back again.

Convallaria.—See DIGITALIS.

Copper Compounds.—See under MERCURY COMPOUNDS.

Corrosive Sublimate.—See MERCURY COMPOUNDS.

Creosote.—See under ACID, CARBOLIC.

Croton Oil.—(A) Syphon out stomach with tube two or three times, using plenty water; or give emetic of apomorphine hypodermically (3 or 4 min. of 2% solut.), of mustard by mouth (30 grn. to
1 fl. oz. water), or of zinc sulphate (20 grn. to 1 fl. oz. water).—(C) Give olive oil (1 fl. oz.), white of egg, mucilage, milk, elm-bark tea or flaxseed tea.—(D) Give $\frac{1}{3}$ grn. morphine hypodermically, or $\frac{1}{4}$ grn. by mouth, or 20-drop doses of laudanum, to control pain and purging. Repeat when necessary. Stimulate with spirit camphor (5 drops in milk), brandy or whisky (3 or 4 fl. dr. in water), or aromatic spirit ammonia (1 fl. dr. in water). Keep up body temperature with artificial heat.

Curarine or Curare.—(A) As this poison is usually introduced through a wound, an attempt should at once be made to suck it out. Ligate limb or part injured.—(B) Wash part with slightly alkaline solution potassium permanganate.—(C) Give 1 or 2 fl. dr. spirit nitrous ether.—(D) Maintain rapid rhythmic up and down movements of arms from side of body to over head and back again, so as to compel continuance of respiration until poison is eliminated, which usually occurs rapidly. Keep body warm by artificial heat.

Cyanides.—See Acid, HYDROCYANIC.

Cytisine or Laburnum Seeds.—(A) Syphon out stomach with tube several times, or induce vomiting with mustard (4 dr. to 1 fl. oz. water), zinc sulphate (20 grn. to 1 fl. oz. water), or apomorphine hypodermically (2 or 3 min. of 2% solut.).—(B) Give tannin (30 grn. to tumblerful water), and follow with syphon or emetic again. In absence of tannin, give copious draughts of strong tea, or decoctions of oak bark or walnut leaves.—(C) Give 1 oz. of laxative salt in plenty water.—(D) Give strong coffee, caffeine (1 or 2 grn.), or brandy (2 to 4 fl. dr.), as stimulants. Rouse patient with alternate hot and cold douches.

Daturine.—See Belladonna.

Digitalis or Digitalin; Squill, Scillitoxin and Scillitin, Strophanthus or Strophanthin; Convallaria or Convallarin; Scoparius or Scoparin.—(A) Syphon out stomach repeatedly with tube, or evacuate it with emetic of mustard (4 dr. to 1 to 2 fl. oz. water), zinc sulphate (20 grn. to 1 fl. oz. water), or apomorphine hypodermically (3 to 5 drops of 2% solut.).—(B) Before completing the syphoning, give tannic acid (30 grn. in 1 fl. oz. water), gallic acid (20 grn. in 1 fl. oz. water), copious draughts of strong tea, decoction of oak bark (1 oz. to 4 fl. oz. hot water), or iodine (1 grn.) with potassium iodide (10 grn.) in water (1 fl. oz.).—(C) Give saline cathartic with plenty water.—(D) As physiological antagonists give fluid extract quillaja (10 min. in $\frac{1}{2}$ fl. oz. water), fluid extract senega (10 min. in water), tinctureaconite (5 min.), or laudanum (15 min.). Stimulate with brandy (2 to 4 fl. dr. frequently), aromatic spirit ammonia (1 fl. dr. as required), or whisky (2 to 4 fl. dr.). Keep patient in reclining position, else fatal syncope may occur.

Duboisia or Duboisine.—See under Belladonna.

Dulcamara or Solanine.—See under Belladonna.

Elaterium.—See under COLCHICUM.

Ergot.—(A) Syphon out stomach repeatedly with tube, or evacuate with mustard (4 dr. in 1 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or apomorphine (2 to 5 drops of 2% solut. hypodermically).—(B) Give tannin (30 grn. in 1 fl. oz. water), copious draughts of strong tea or oak-bark decoction (4 dr. to 4 fl.
PART IV.

MISCELLANY.

oz. hot water).—(C) Administer 1 fl. oz. castor oil.—(D) As physiological antagonists give nitroglycerin (2 min. of 1% solut.), amyl nitrite by inhalation, or brandy (2 to 4 fl. dr. repeated as necessary). Use friction and artificial warmth, to steady temperature and circulation.

**Eserine.**—See Physostigma.

**Ether.**—See under Chloroform.

**Fish Poison or Ptomaines.**—(A) Syphon out stomach with tube, or evacuate with mustard (4 dr. in 1 fl. oz. water), zinc sulphate (20 grn. to 1 fl. oz. water), or apomorphine (2 to 5 min. of 2% solut. hypodermically).—(B) Give tannic acid (30 grn. in 1 fl. oz. water), copious draughts of strong tea or oak-bark decoction (4 dr. to 4 fl. oz. hot water). Follow by syphoning again or by emetic, if vomiting has stopped.—(C) Give 1 fl. oz. castor oil.—(D) The physiological antagonists are opium (1 or 2 grn. per dose), capsicum (15 to 20 min. of tincture), to control intestinal disturbances; solut. ammonium acetate (1 or 2 fl. dr.), to reduce febrile disturbances and relieve kidneys; and creosote and lime water (1 fl. dr. of mixture containing 3 min. creosote to 1 fl. oz. lime water), to overcome nausea after stomach is emptied.

**Fowler’s Solution.**—See under Arsenic.

**Fungi.**—See Mushrooms.

**Gelsemium or Gelseminine.**—(A) Syphon out stomach thoroughly with tube and plenty of water, or give emetic of mustard (4 dr. in 1 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or hypodermic of apomorphine (2 to 4 min. of 2% solut.).—(B) Before syphoning is finished or before vomiting, give tannic acid (30 grn. in 1 fl. oz. water), gallic acid (30 grn. in 1 fl. oz. water), strong tea (copious amounts), or decoction of oak bark (4 dr. to 4 fl. oz. water).—(C) Give 1 fl. oz. castor oil.—(D) As physiological antagonists give tincture belladonna (20 min.) or atropine (3 grn. hypodermically). Stimulate heart with tincture digitalis (15 to 20 min.) or digitalin “German” (1 grn.), aromatic spirit ammonia (40 min.), brandy (2 to 4 fl. dr.), strong coffee (an abundance), and electricity. Rouse patient by hot and cold douches. If respiration ceases or is labored, rhythmically raise and lower the arms from side to over head and back again.

**Glonoin.**—See under Amyl Nitrite.

**Gold Salts.**—See under Mercury Compounds.

**Hyoscine.**—Treat as Atropine, but give preference to chloral hydrate as physiological antagonist.

**Hyoscyamus or Hyoscyamine.**—See under Belladonna.

**Ignatia.**—See under Strychnine.

**Ink, Aniline.**—Treat same as Acetanilid.

**Iodine.**—(A) Syphon out stomach or evacuate it with mustard (4 dr. to 1 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or apomorphine hypodermically (2 to 5 min. of 2% solut.).—(B) Give abundance of boiled starch or boiled flour-paste, or give sodium thiosulphate (20 grn. in 1 fl. oz. water).—(C) Give demulcent drinks of flaxseed tea, elm bark or gruel.—(D) Relieve pain with
morphine (1-grn. doses) or laudanum (15 to 20 min. every half hour until relieved). Give amyl nitrite by inhalation, to check spasm.

Laburnum Seeds.—See under Cytisine.
Lactucarium.—See under Opium.
Larkspur.—See under Staphisagria.
Laudanum.—See Opium.

Lead Compounds and Barium Compounds.—(A) In acute cases evacuate stomach with tube, or with mustard (4 dr. to 1 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or injection of apomorphine (2 to 5 min. of 2% solut.)—(B) Give dilute sulphuric acid (30 min.), or magnesium or sodium sulphate (4 dr. in tumblerful water).—(C) Give milk or demulcent drinks.—(D) For pain, give opium (1 or 3 grn. per dose) or morphine (1/2 grn.) and apply hot-water bag or hot fomentations to abdomen. In chronic lead-poisoning give sodium or calcium iodide (10 to 20 grn. per dose) until system is saturated, and put patient on potassium-sulphide baths (1 or 2 oz. per bath).

Lobelia.—(A) Syphon out stomach with tube, or if patient has not vomited, give mustard (4 dr. to 1 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or apomorphine hydrochlorate hypodermically (2 to 5 min. of 2% solut.).—(B) Give tannin (30 grn. in 1 fl. oz. water), copious draughts of strong tea or oak-bark decoction (4 dr. to 4 fl. oz. hot water).—(C) Give 1 fl. oz. castor oil.—(D) As physiological antagonist give strychnine nitrate hypodermically (2 to 5 min. of 2% solut.) or brandy (2 to 4 fl. dr.); give laudanum for pain (15 to 20 min. per dose).

Lunar Caustic.—See Silver Compounds.
Matches.—See Phosphorus.

Mercury, Gold, or Copper Compounds.—(A) If vomiting is not already profuse, empty stomach with tube, or with mustard (4 dr. to 1 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or apomorphine hypodermically (2 to 5 min. of 2% solut.).—(B) Wash out stomach with solution of white of egg in water or milk, using it liberally and through tube if possible. In absence of eggs, chop up raw lean meat finely and diffuse through milk or water, and give. Again administer emetic or use syphon. For copper salts, give pure potassium ferrocyanide (15 grn. in tumblerful water).—(C) Give potassium iodide (10 to 20 grn. every 2 or 3 hours).—(D) Relieve pain with morphine (1 grn.) or laudanum (15 to 20 min.). Stimulate with brandy (2 to 4 fl. dr.) if necessary.

Morphine Salts.—See Opium.
Muscarine.—See Mushrooms.
Mushrooms or Muscarine, and Poisonous Fungi.—(A) Syphon out stomach with tube, or give emetic of mustard (4 dr. to 1 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or apomorphine hypodermically (2 to 5 min. of 2% solut.).—(C) Give 1 fl. oz. castor oil, and copious enema.—(D) Give atropine hypodermically (2 or 3 min. of 1% solut.); or, after vomiting, give 20 to 30-drop doses of tincture belladonna by mouth, every half hour. Stimulate with brandy (2 to 4 fl. dr. doses) as required; and keep body warm.
Nicotine.—See Tobacco.
Nitrate.—See under Chlorates.
Nitrobenzene (Oil Mirbane).—(A) Syphon out stomach with tube, using plenty warm water; or give emetic of mustard (4 dr. to 1 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or apomorphine hypodermically (2 to 5 drops of 2% solut.). Follow with copious drinks of warm water as emetic acts.—(D) Give brandy (2 to 4 fl. dr. by mouth or rectum, or 1 to 2 fl. dr. hypodermically). Stimulate heart by weak, interrupted currents over chest. Rouse patient by douche. If respiration is embarrassed, rhythmically raise and lower the arms from side to over head and back again, keeping this up until lungs functionate properly.
Nitroglycerin.—See under Amyl Nitrite.
Nitrous Oxide.—See under Chloroform.
Nux Vomica.—See Strychnine.
Oil Bitter Almond.—See under Acid, Hydrocyanic.
Oil Mirbane.—See Nitrobenzene.
Opium, Laudanum, Morphine, Codeine; Lactucaarium; Cannabis Indica.—(A) Syphon out stomach with tube and copious amounts of water, or give emetic of mustard (4 dr. to 1 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or hypodermic of apomorphine hydrochlorate (8 to 10 min. of 2% solut.).—(B) While using syphoa or before waiting for emetic to take effect, give successive amounts of potassium permanganate solution (1 or 2 grn. in 1 pint water).—See that it is all removed by syphon or emetic. In absence of potassium permanganate, give tannic acid (30 grn. in 1 to 2 fl. oz. water), or copious supplies of strong tea.—(C) Give spirit nitrous ether in 1 fl. dr. doses, to facilitate excretion by kidneys.—(D) As physiological antagonist, administer plenty strong coffee, caffeine (2 or 3 grn.), atropine (2 or 3 min. of 1% solut. hypodermically), or tincture belladonna (10 to 15 min.); repeat every 15 minutes for 2 or 3 doses. Keep patient awake by shaking, striking with towel, applying cold water over face and chest, walking between attendants and applying electricity to chest muscles. Stimulate circulation by inhalations of amyl nitrite. If respiration is embarrassed, keep up rhythmic movements of arms from sides of body to over head and back again.
Phenacetin.—See under Acetanilid.
Phosphorus, Rat Poison, and Matches.—(A) Syphon out stomach with tube, or give emetic of copper sulphate (3 to 5 grn. in 1 fl. oz. water every five minutes until it acts), zinc sulphate (20 grn. in 1 fl. oz. water), or mustard (4 dr. to 1 fl. oz. water).—(B) Wash out stomach with water containing 1 fl. dr. oil turpentine. Give half-dram doses of old turpentine-oil floating on water or mucilage, every half hour. Give charcoal or lime water, to check local action on stomach.—(C) Give 1 oz. Epsom salt in tumblerful water, and 1 fl. dr. spirit nitrous ether. Use catheter frequently, unless bladder is acting freely. Do not give oil or fat.
Physostigma and Physostigmine.—(A) Syphon out stomach with tube, or give emetic of mustard (4 dr. to 1 fl. oz. water), zinc sulphate (20 grn. to 1 fl. oz. water), or apomorphine hydrochlorate.
hypodermically (2 to 5 min. of 2% solut.)—(B) Give tannin (30 grn. in 3 to 4 fl. oz. water) or large doses of strong tea.—(C) Give 1 fl. dr. of spirit nitrous ether. If necessary, use catheter.—(D) As physiological antagonists, give atropine hypodermically (1 or 2 min. of 1% solut.) until pupils dilate. Strychnine nitrate subcutaneously (4 grn.), or chloral hydrate (10 grn.) every 15 minutes. Administer liberal amounts of strong coffee, or give brandy (2 to 4 fl. dr.) as stimulants. If respiration is interfered with, keep up rhythmical up and down movements of arms from sides of body to over head and back again.

**Phytolacca (Poke Berries or Poke Root).**—(A) As it usually vomits and purges, it tends to eliminate itself; but free use of water with stomach-tube will help in its removal rapidly. As its emetic action is slow, in absence of tube, give hypodermic injection of apomorphine hydrochlorate (2 or 3 min. of 2% solut.), or mustard (4 dr. to 1 fl. oz. tepid water), to hasten expulsion.—(D) Give aromatic spirit ammonia (1 fl. dr. doses), brandy (2 to 4 fl. dr. doses), or compound spirit ether (1 to 2 fl. dr. doses). To check excessive tenesmus and pain, give laudanum (10 to 20 min.) or morphine (4 grn.). Stimulate and steady heart with tincture digitalis (10 to 20 min.), or digitalin "German" (10 grn.).

**Picrotoxin.**—See under STRYCHNINE.

**Pilocarpus or Pilocarpine.**—(A) Syphon out stomach with tube, or give emetic of mustard (4 dr. to 1 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or apomorphine hydrochlorate hypodermically (2 to 5 min. of 2% solut.).—(B) Give tannin (30 grn. in 1 fl. oz. water), strong tea in abundance, or decoction of oak bark (4 dr. to 4 fl. oz.).—(D) As physiological antidote, give atropine hypodermically (4 grn.) or tincture belladonna (20 min.) per os, every 20 minutes until pupils are diluted.

**Potassa.**—See ALKALIES.

**Potassium Bichromate and Chromate.**—See under ACID, CHROMIC.

**Potassium Cyanide.**—See ACID, HYDROCYANIC.

**Potassium Nitrate.**—See under CHLORATES.

**Prussic Acid.**—See ACID, HYDROCYANIC.

**Ptomaines.**—See under FISH POISON.

**Pulsatilla.**—Syphon out stomach several times with tube, using plenty water for refilling; or give emetic of mustard (4 dr. in 1 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or apomorphine hydrochlorate hypodermically (2 to 5 min. of 2% solut.).—(D) Relieve depression with brandy (2 to 4 fl. dr. per dose), pain or tenesmus with laudanum (10 to 20 min.) as required; and support heart with tincture digitalis (20 min.) or digitalin "German" (10 grn.).

**Rat Paste.**—See under PHOSPHORUS or under ARSENIC, according to composition.

**Rhus Toxicodendron.**—Usually the poisoning is due to external contact. Rub in well a saturated solut. lead acetate in diluted alcohol, and repeat for several days; 5% solut. cocaine hydrochlorate or 10% cocaine oleate; solut. of 2 dr. lead acetate and 4 dr. am-
monium chloride in 8 fl. oz. water. Internally give laudanum (10 to 20 min.) or strong coffee, to relieve nervous irritability.

**Sabadilla.**—See under *Veratrum Viride*.

**Savine, or Oil Savine, and Tansy or Oil Tansy.**—(A) Syphon out stomach, refilling and emptying several times with abundance of water; give emetic of apomorphine hydrochlorate hypodermically (2 to 5 min. of 2% solut.). If throat is not severely inflamed, mustard (4 dr. in 1 to 4 fl. oz. water) can be used, or zinc sulphate (20 grn. in 1 fl. oz. water).—(C) Unless bowels have moved freely, give 1 fl. oz. castor oil or 1 oz. magnesium sulphate. Give demulcent drinks of flaxseed tea, barley water, elm-bark mucilage, or arrowroot pap. —(D) Allay pain with morphine (1/2 grn.) or laudanum (10 to 20 min.).

**Scillain, Scillitin, or Scillitoxin.**—See under *Digitalis*.

**Scoparius.**—See under *Digitalis*.

**Silver Compounds.**—(A) Syphon out stomach repeatedly with water containing tablespoonful salt to pint; or give emetic of mustard (4 dr. in 1 to 4 fl. oz. water), or zinc sulphate (20 grn. in 1 fl. oz. water) with some strong brine. Give large draughts of warm water.—(B) Give salt-solution, white of egg, or abundance of milk.—(C) Give demulcent drinks of elm-bark mucilage, flaxseed tea, gruel, or arrowroot pap.—(D) Relieve pain with morphine (1/2 grn.) or laudanum (10 to 20 min.).

**Snake Bites.**—(B) After sucking wound, apply or inject under skin alkaline solut. potassium permanganate containing 5 to 10 grn. to 1 pint. In severe cobra-poisoning, it is customary to bleed patient on bitten limb and transfuse blood by other. Support heart by weak interrupted galvanic currents to chest near or over heart. Stimulate by inhalations of ammonia, and give aromatic spirit ammonia (30 to 60 min.) by mouth. If respiration is embarrassed, rhythmically raise and lower arms from sides to over head and back again.

**Soda.**—See *Alkalis*.

**Solanine.**—See under *Belladonna*.

**Staphisagria (Stavesacre) and Larkspur.**—(A) Syphon out stomach several times with tube, using plenty water; or give emetic of mustard (4 dr. in 1 to 4 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or hypodermic injection of apomorphine hydrochlorate (2 to 5 min. of 2% solut.).—(B) Before finishing syphoning, or while waiting for action of emetic, give tannic acid (30 grn. in 1 fl. oz. water), iodine (1 grn.) with potassium iodide (5 to 10 grn.) in water (4 fl. oz.), liberal supplies of strong tea or decoction of oak bark (4 dr. to 4 fl. oz. water).—(D) Control spasms with inhalations of chloroform, or give chloral hydrate (30 grn.) or potassium bromide (2 dr.). Keep extremities warm. Rhythmically raise and lower arms from sides of body to over head and back again rapidly, until danger of asphyxia is over.

**Stings of Bees, Hornets or Wasps.**—Apply ammonia water or some alkaline solution; extract sting; use stimulants if necessary. If ammonia or an alkaline solution cannot be procured at once, apply onion.
**Stramonium.**—See under **Belladonna**.

**Strophanthus and Strophanthin.**—See under **Digitalis**.

**Strychnine, Brucine, Ignatia, Nux Vomica, Picrotoxin and Cocculus Indicus.**—(A) Repeatedly syphon out stomach with abundance of warm water, using tube. If no tube is available, give emetic of mustard (4 dr. in 1 to 4 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or hypodermic injection of apomorphine hydrochlorate (2 to 4 min. of 2% solut.); repeat in 15 minutes, if vomiting has not begun.—(B) Give tannic acid (30 grn. in 1 fl. oz. water), iodide (1 to 2 grn.) with potassium iodide (5 to 10 grn.) in water (1 fl. oz.), strong tea or decoction oak bark (4 dr. to 4 fl. oz. water).—(C) Give spirit nitrous ether (1 to 2 fl. dr.), and catheterize often.—(D) Control spasms by chloroform or ether inhalations; or give chloral hydrate (30-grn. doses) or potassium bromide (in 1-dr. doses), thus keeping up gentle narcosis for several hours if necessary; or give inhalations of amyl nitrite. If there is any embarrassment of respiration, rhythmically and rapidly raise and lower arms from sides to over head and back again, continuing while there is danger to respiration.

**Sulfonal and Trional.**—(A) If seen in time, freely syphon out contents of stomach with plenty warm water through stomach-tube. In absence of tube, give emetic of mustard (4 dr. in 1 to 4 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or hypodermic injection of apomorphine hydrochlorate (2 to 4 min. of 2% solut.).—(C) Give spirit nitrous ether (1 to 2 fl. dr.), and magnesium sulphate (1 oz. in tumblerful water). Give abundance of water made alkaline with sodium bicarbonate.—(D) Give plenty strong coffee or citrated caffeine (3 to 3 grn.).

**Sulphuretted Hydrogen.**—(B) Allow patient to breathe air containing chlorine gas.—(D) Supply plenty air, and rhythmically raise and lower arms continuously from sides to over head and back again; keep time with expansion and contraction of lungs.

**Tansy.**—See under **Savine**.

**Tartar Emetic.**—See **Antimony Compounds**.

**Tin Compounds.**—(A) Thoroughly syphon out stomach with tube, using plenty warm water; or give emetic of mustard (4 dr. in 1 to 4 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or apomorphine hydrochlorate hypodermically (2 to 4 min. of 2% solut.).—(B) Give copious draughts of milk or abundance of white of egg, or solut. ammonium carbonate (5 grn. in 4 fl. oz. water); milk of magnesia has also been recommended.—(C) Give flaxseed tea, embark mucilage, griel, or other demulcent drink. When pain is severe, give morphine (1 grn.) or laudanum (10 to 20 min.) as required.

**Tobacco or Nicotine.**—(A) If there is not free emesis, syphon out stomach with tube, using abundance of warm water; or give emetic of mustard (4 dr. in 1 to 4 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or apomorphine hydrochlorate hypodermically (2 to 4 min. of 2% solut.) repeatedly every 15 minutes till effective.—(B) Give tannic acid (30 grn. in 1 fl. oz. water) before vomiting has ceased or before last syphoning. Tannic acid wanting, give iodide (1 to 2 grn.) with potassium iodide (5 to 10 grn.) in water (1 to 4 fl. oz.); strong tea or decoction of oak bark (4 dr. to 4 fl. oz.)
PART IV.

MISCELLANY.

water) may be used.—(C) Give abundance of water, and spirit nitrous ether (1 fl. dr.).—(D) Give strychnine nitrate hypodermically (½ grn.), or administer tincture nux vomica (30 min.) by mouth, as physiological antagonist. Stimulate with brandy (2 to 4 fl. dr. per dose), whisky (2 to 4 fl. dr.), or spirit chloroform (20 to 40 min.). Keep patient in recumbent position, body warm and head cold.

Turpentine Oil.—(A) If seen early enough, syphon out stomach several times with tube, using plenty of water; or give emetic of mustard (4 dr. to 4 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or hypodermic injection of apomorphine hydrochlorate (2 to 4 min. of 2% solut.).—(C) In absence of purging, give enema. Administer plenty water, linseed tea, elm-bark tea, or gruel. Relieve pain with morphine (¼ grn.) or laudanum (10 to 20 min.). Apply hot fomentations to loins.

Tyrotoxicon (from Milk, Cheese or Ice-cream).—See under Fish Poison or Ptomaines.

Veratrum Viride, Veratrum Album, Veratrine and Saba-dilla.—(A) Thoroughly syphon out stomach with tube, using abundance of water to refill twice or more. Unless vomiting has been copious from action of drug itself, give, in absence of tube, emetic of mustard (4 dr. to 4 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or hypodermic injection of apomorphine hydrochlorate (2 to 4 drops of 2% solut.).—(B) Administer tannic acid (30 grn. in 1 fl. oz. water), iodine (1 or 2 grn.) with potassium iodide (5 to 10 grn.) in water (1 fl. oz.); or give copious amounts of strong tea.—(D) Overcome cardiac depression by atropine hypodermically (¼ grn.); stimulate with hot coffee by mouth or rectum, aromatic spirit ammonia (30 min.) by mouth, brandy (1 fl. dr. hypodermically, or 2 to 4 fl. dr. by mouth or rectum); relieve pain with morphine (¼ grn.). Keep patient in recumbent position, with head lowest; apply electricity over pericardium, and if respiration is embarrassed, rhythmically continue to raise and lower arms from sides to over head and back again. Provide plenty fresh air.

White Precipitate.—See Mercury Compounds.

Zinc Compounds.—(A) Syphon out stomach several times with stomach-tube and plenty water; or give emetic of mustard (4 dr. to 4 fl. oz. water), zinc sulphate (20 grn. in 1 fl. oz. water), or hypodermic injection of apomorphine hydrochlorate (2 to 4 min. of 2% solut.).—(B) Use carbonate or bicarbonate of sodium (4 dr.) in water used for syphoning, or give in water, to assist emesis. Give abundance of white of egg or milk. Administer tannic acid (30 grn. in 1 fl. oz. water) or give strong tea.—(D) Relieve abdominal pain with morphine (¼ grn.), laudanum (15 to 20 min.), or hot fomentations.

RELATION OF PULSE AND TEMPERATURE

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OBSTETRIC CALENDAR

The calendar here submitted is the ingenious invention of Dr. Wm. L. Kantor, of New York City; it has the advantages of being compact and simple:

It should be used as follows:—The date of the last menstruation being given, add the numeral on the right hand of the month in which it occurred to the corresponding date of the month immediately following on the same circle, and you obtain the exact day on which labor should take place. For example: Last menstruation, December 17; labor, September 17 + 6 = September 23. 


THE PULSE AT DIFFERENT AGES

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<tr>
<th>Age</th>
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<td>In utero</td>
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<td>In the new-born</td>
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<td>During 1st year</td>
<td>130-115</td>
<td>Adult age average 72</td>
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<tr>
<td>During 2nd year</td>
<td>115-100</td>
<td>Old age average 76</td>
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The heart's action is generally more frequent in females than in males; during exertion and immediately after it; during digestion or mental excitement; in the morning than later in the day; after sudden change of posture, from the recumbent to the sitting position, and from either of these to standing, particularly during convalescence and in other conditions with cardiac weakness.

RESPIRATIONS AT DIFFERENT AGES

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<tr>
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<tr>
<td>During 2nd year</td>
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THE METRIC SYSTEM

The metric or decimal system of weights and measures originated with Prince de Talleyrand, bishop of Autun, in 1790. Its almost universal adoption by civilized nations, its legality (though not compulsion) in England and the United States, and its adoption by the U. S. Pharmacopoeia of 1890, demand that it should be understood by the progressive practicing physician. Except in the English-speaking world it is the only system of weights and measures used for governmental, statistical, and scientific purposes.

It is based upon the decimal system; that is, the various denominations increase and decrease by tenths. The starting-point is the unit of linear measure, the meter, which represents one ten-millionth of the polar quadrant of the earth—that is, the distance from the equator to the poles, and is equivalent to 39.37 English inches. The grammé (Gm.) is the unit of weight; the liter, of capacity (although the cubic centimeter is oftener and preferably used); the are, of surface measure. The denominations representing the subdivisions of any unit are expressed by prefixing the Latin numerals, deci, centi, and milli to the unit—meaning respectively one-tenth, one-hundredth, and one-thousandth; the multiples are expressed by prefixing the Greek numerals, deka, hecto, kilo, and myria—meaning ten, hundred, thousand, and ten thousand.

The grammé is derived as follows: The meter is divided into one hundred equal parts, called centimeters; upon one centimeter as a base a cube is erected, having for its three dimensions one centimeter (Cm.) each. The contents of this cube will be one cubic centimeter (Cc.), measuring one milliliter. This quantity of distilled water at its maximum density (4° C. = 39.2° F.) and 30 inches barometric pressure, weighs one grammé, or 15.432 grains.

The liter is derived as follows: The meter is divided into tenths, called decimeters; a cube is erected having a decimeter for each of its three dimensions. The contents of this cube will be one cubic decimeter, the capacity of which is one liter, equivalent to 1,000 Cc., or 33.81 fluid ounces, or 2.113 pints.

One liter of distilled water at 4° C. (30 in. barometer) weighs 1,000 grammes, or 1 kilogramme, or 2.2 pounds av., or 15432 grains.

Its simplicity, its uniformity and facility of computation would appear to render the metric system of weights and measures far superior to any other system; and it is not improbable that in the near future it will prevail in the transactions of every-day life, as it has already gained international importance—in fact, it is frequently referred to as the International System. One of its greatest difficulties for the physician, however, is the absence of any correspondence or relation between the unit of weight (gramme) and the unit of measure (liter), and the consequent want of fluid denominations below the cubic centimeter, corresponding with the decigramme, centigramme, and milligramme of the weight scale.

(The original and French spelling of the terms denoting the various standard units, is mètre, grammé, and litre; the Anglicized form is meter, gram, and liter. The U. S. P. of 1890 sanctions a combination of both, thus: meter, grammé, and litre.)
### Relative Value of Apothecaries' and Metric Measure

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<td>20</td>
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<td>41</td>
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### Relative Value of Metric and Apothecaries' Measure

<table>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1000</td>
<td>33.58</td>
<td>400</td>
<td>13.53</td>
<td>25</td>
<td>6.76</td>
<td>4</td>
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<td>900</td>
<td>30.43</td>
<td>300</td>
<td>10.14</td>
<td>10</td>
<td>2.71</td>
<td>3</td>
<td>48.6</td>
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<td>800</td>
<td>27.05</td>
<td>200</td>
<td>6.76</td>
<td>9</td>
<td>2.43</td>
<td>2</td>
<td>32.4</td>
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<tr>
<td>700</td>
<td>23.69</td>
<td>100</td>
<td>3.38</td>
<td>8</td>
<td>2.16</td>
<td>1</td>
<td>16.23</td>
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<td>600</td>
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<td>75</td>
<td>2.53</td>
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<td>1.89</td>
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<td>500</td>
<td>16.90</td>
<td>50</td>
<td>1.69</td>
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<td>1.62</td>
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<td>4.06</td>
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<td>1.35</td>
<td>0.06</td>
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### Relative Value of Avoirdupois and Metric Weight

<table>
<thead>
<tr>
<th>Avoir. oz</th>
<th>Gm.</th>
<th>Avoir. oz</th>
<th>Gm.</th>
<th>Avoir. oz</th>
<th>Gm.</th>
<th>Avoir. oz</th>
<th>Gm.</th>
<th>Avoir. lbs</th>
<th>Gm.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4</td>
<td>1.772</td>
<td>5</td>
<td>141.75</td>
<td>13</td>
<td>363.54</td>
<td>3</td>
<td>1360.78</td>
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<td></td>
</tr>
<tr>
<td>1/2</td>
<td>3.544</td>
<td>6</td>
<td>170.10</td>
<td>14</td>
<td>396.90</td>
<td>4</td>
<td>1514.37</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3/4</td>
<td>7.088</td>
<td>7</td>
<td>198.45</td>
<td>15</td>
<td>425.25</td>
<td>5</td>
<td>2267.96</td>
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<tr>
<td>1</td>
<td>14.175</td>
<td>8</td>
<td>226.80</td>
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<td>6</td>
<td>2721.55</td>
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<tr>
<td>1 1/2</td>
<td>28.350</td>
<td>9</td>
<td>255.15</td>
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<td>7</td>
<td>3175.14</td>
<td></td>
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<tr>
<td>2</td>
<td>56.700</td>
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<td>283.50</td>
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<td></td>
<td>8</td>
<td>3628.74</td>
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<tr>
<td>3</td>
<td>85.050</td>
<td>11</td>
<td>311.84</td>
<td>19</td>
<td></td>
<td>9</td>
<td>4082.33</td>
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<tr>
<td>4</td>
<td>113.400</td>
<td>12</td>
<td>340.20</td>
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<td></td>
<td>10</td>
<td>4535.92</td>
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* The more accurate equivalent is 29.57 Cc.
### PART IV.

#### MISCELLANY.

#### RELATIVE VALUE OF METRIC AND AVOIRDUPOIS WEIGHT

<table>
<thead>
<tr>
<th>Gm.</th>
<th>Oz.</th>
<th>Grn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>28.35</td>
<td>= 1</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>= 1 + 10</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>= 1 + 25</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>= 1 + 56</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>= 1 + 72</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>= 1 + 87</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>= 1 + 118</td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>= 1 + 133</td>
<td></td>
</tr>
</tbody>
</table>

### RELATIVE VALUE OF APOTHECARIES’ AND METRIC WEIGHT

<table>
<thead>
<tr>
<th>Grains</th>
<th>Gm.</th>
</tr>
</thead>
<tbody>
<tr>
<td>( \frac{1}{8} )</td>
<td>0.00065</td>
</tr>
<tr>
<td>( \frac{1}{4} )</td>
<td>0.00101</td>
</tr>
<tr>
<td>( \frac{1}{2} )</td>
<td>0.00108</td>
</tr>
<tr>
<td>( \frac{3}{4} )</td>
<td>0.00130</td>
</tr>
<tr>
<td>( \frac{7}{8} )</td>
<td>0.00182</td>
</tr>
<tr>
<td>( \frac{1}{2} )</td>
<td>0.00202</td>
</tr>
<tr>
<td>( \frac{1}{2} )</td>
<td>0.00216</td>
</tr>
<tr>
<td>( \frac{1}{4} )</td>
<td>0.00259</td>
</tr>
<tr>
<td>( \frac{1}{2} )</td>
<td>0.00270</td>
</tr>
<tr>
<td>( \frac{3}{4} )</td>
<td>0.00324</td>
</tr>
<tr>
<td>( \frac{1}{2} )</td>
<td>0.00360</td>
</tr>
<tr>
<td>( \frac{3}{4} )</td>
<td>0.00405</td>
</tr>
<tr>
<td>( \frac{1}{2} )</td>
<td>0.00432</td>
</tr>
<tr>
<td>( \frac{1}{2} )</td>
<td>0.00540</td>
</tr>
<tr>
<td>( \frac{1}{2} )</td>
<td>0.00648</td>
</tr>
<tr>
<td>( \frac{1}{2} )</td>
<td>0.00810</td>
</tr>
<tr>
<td>( \frac{1}{2} )</td>
<td>0.01620</td>
</tr>
<tr>
<td>( \frac{1}{2} )</td>
<td>0.03240</td>
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</tbody>
</table>

### RELATIVE VALUE OF METRIC AND APOTHECARIES’ WEIGHT

<table>
<thead>
<tr>
<th>Gm.</th>
<th>Grains</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0010</td>
<td>1/100</td>
</tr>
<tr>
<td>0.0020</td>
<td>1/50</td>
</tr>
<tr>
<td>0.0040</td>
<td>1/25</td>
</tr>
<tr>
<td>0.0065</td>
<td>1/15</td>
</tr>
<tr>
<td>0.0081</td>
<td>1/12</td>
</tr>
<tr>
<td>0.0105</td>
<td>1/10</td>
</tr>
<tr>
<td>0.0162</td>
<td>1/6</td>
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<tr>
<td>0.0324</td>
<td>1/3</td>
</tr>
<tr>
<td>0.0468</td>
<td>1/2</td>
</tr>
<tr>
<td>0.0567</td>
<td>1/1.5</td>
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</tbody>
</table>

*Or, more exactly, 15.432 grains = 1 gramme.*

281
## Eruptive Fevers

<table>
<thead>
<tr>
<th>Disease</th>
<th>Incubation Period</th>
<th>Mode of Onset</th>
<th>Eruption Appears</th>
<th>Character of Eruption</th>
<th>Eruption Disappears</th>
<th>How Long Contagious</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scarlet Fever</td>
<td>2–4 days</td>
<td>sudden; often at night; vomiting;</td>
<td>end of 1st or during 2d day; on chest</td>
<td>dusky or light-red;</td>
<td>in 3–5 days; first where it</td>
<td>so long as desquamation, ear discharge or abscess</td>
</tr>
<tr>
<td></td>
<td></td>
<td>sore throat; high fever; in severe</td>
<td>and neck first</td>
<td>often diffused;</td>
<td>appeared first; generally</td>
<td>present; danger indefinitely in clothing, etc.; not</td>
</tr>
<tr>
<td></td>
<td></td>
<td>cases convulsions; contiguous</td>
<td></td>
<td>consists of numerous</td>
<td>copious desquamation, in shreds</td>
<td>well disinfected</td>
</tr>
<tr>
<td>Measles; Morbilli</td>
<td>8–10 days</td>
<td>rather sudden; catarrhal symptoms,</td>
<td>4th day; sometimes on 3d or 5th; first</td>
<td>red dots like flea</td>
<td>in about 4 days</td>
<td>for a week or more after eruption</td>
</tr>
<tr>
<td></td>
<td></td>
<td>particularly of the eyes; moderate</td>
<td>on forehead and behind ears</td>
<td>bites; crescentic;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>fever</td>
<td></td>
<td>thickly about</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>slight or wanting</td>
<td></td>
<td>mouth and forehead</td>
<td></td>
<td></td>
</tr>
<tr>
<td>German Measles</td>
<td>2–3 weeks</td>
<td>gradual; fever</td>
<td>usually first symptom; on face, forehead,</td>
<td>like rubella, but</td>
<td>in 4–6 days, without desquamation</td>
<td>unknown</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>and behind ears</td>
<td>less distinct</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Smallpox</td>
<td>usually 10–14 days</td>
<td>sudden; chill; high fever; headache;</td>
<td>3d or 4th day; fully formed pustules on</td>
<td>red spots; becoming</td>
<td>desiccation at end of 2d week;</td>
<td>so long as scabs reform; indefinitely in fomites, etc.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pain in loins, etc.</td>
<td>6th–9th day</td>
<td>successively</td>
<td>crusts slowly separate, leaving</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>pimplies, vesicles,</td>
<td>pits</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>and pustules</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Modified Smallpox</td>
<td>10–14 days</td>
<td>sudden; chill; high fever; headache;</td>
<td>3d or 4th day, on face, scalp, and arms;</td>
<td>like variola, but</td>
<td>vesicles dry up on 5th–9th day of</td>
<td>so long as crusts reform; indefinitely in fomites, etc.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pain in loins, etc.</td>
<td>fully formed pustules on 6th–9th day</td>
<td>less distinct</td>
<td>disease, without suppuration</td>
<td></td>
</tr>
<tr>
<td>Chicken-pox</td>
<td>usually about 2</td>
<td>sudden; slight symptoms, sometimes</td>
<td>within 24 hours; often in successive</td>
<td>pink pimplies,</td>
<td>in 3 or 4 days, drying up</td>
<td>through disease; danger in stools</td>
</tr>
<tr>
<td></td>
<td>weeks</td>
<td>none</td>
<td>crops</td>
<td>becoming vesicles;</td>
<td>without suppuration</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>first about nose</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Typhoid Fever</td>
<td>10–14 days</td>
<td>gradual; sometimes sudden</td>
<td>7th–14th day;</td>
<td>pink spots; few</td>
<td>variable</td>
<td></td>
</tr>
<tr>
<td>(Typhus Abdominalis)</td>
<td></td>
<td></td>
<td></td>
<td>in number</td>
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### Part IV
EXPERIENCE


THE LESSON

IS PLAIN. SPECIFY IN YOUR PRESCRIPTIONS THE BEST AND MOST RELIABLE PRODUCTS. NOT TO DO SO IS TO BE REMISS IN DUTY TO SELF AS WELL AS TO PATIENTS. ADDING EXAMPLE TO PRECEPT THE FOLLOWING STATEMENTS FROM WELL-KNOWN PHYSICIANS SPEAK FOR THEMSELVES. PROF. S. SOLIS-COHEN, WRITING OF GUAIACOL IN DIPHTHERIA, SAYS: "MERCK'S GUAIACOL WAS USED, AS SOME OTHER PREPARATIONS FOUND IN THE SHOPS CONTAIN CAUSTIC IMPURITIES."—DR. J. B. MATTISON, SAYS: "TO GET GOOD RESULTS FROM CODEINE IT IS ESSENTIAL TO HAVE IT PURE. SUCH IS SUPPLIED BY MERCK."—DR. J. S. BIRD, AFTER HAVING FAILED TO GET GOOD RESULTS WITH MALE FERN, REPORTS "PHENOMENAL" RESULTS FROM MERCK'S.—AND WHAT APPLIES TO GUAIACOL, CODEINE, AND EXTRACT OF MALE FERN, APPLIES TO ALL OTHER ARTICLES. THOUSANDS OF PHYSICIANS, SEEKING TO BE SURE OF THEIR RESULTS, SPECIFY: MERCK'S!
The serious importance of the amorphous coca-bases in the matter of Cocaine-medication is apparent from communications by Liebermann and Liebreich, whose investigations have thrown much light on the frequent failures and grave surprises many of our ablest and most conscientious practitioners have met with in cocaine-therapy.

In this connection we desire to announce that MERCK'S Cocaine Hydrochlorate is free from the amorphous accessory bases of coca-leaves. This make is produced by a new and improved process, and its purity and permanence are unattained by any other make that we have been able to obtain for comparison. It bears in absolute perfection the severest tests hitherto devised, for freedom from organic impurities and for exact constitution in accordance with its formula.
ICHTHYOL
(Ammon. Sulpho-ichthyolate, Cordes, Hermanni & Co.)

For Skin Diseases.

"Ichthyol is one of the few specific remedies; it is a specific in erysipelas; it is a mighty weapon in erythema, eczema, rosacea, intertrigo, etc."

Dr. Eberson (Med. Annual, 1897, p. 519).

"A large number of cases suffering from the following disorders were treated with success: burns, erythemata, herpes zoster, eczema, acne, sycosis menti, psoriasis, pityriasis capitis, prurigo, boils, etc."—Sajou's Annual, 1892, p. A 86.

"The best external treatment of erysipelas that we have."—Hare's "Pract. Ther.," 1897, p. 223.

For Uterine Diseases.

"A specific in the treatment of uterine diseases, as powerful in these as is quinine in malarial fever."—Dr. M. Gandiosi (Med. Annual, 1897).

"The effects of Ichthyol in the treatment of these at one time intractable diseases are perfectly marvellous."—Dr. Robert Bell, Glasgow Hospital for Women (Edin. Med. Jour., April, 1896).

For Rheumatism.

Especially good in rheumatism * * * Able with it to produce results unattained with other drugs."—Dr. Lorenz (Sajou's Annual, 1889).

"Most efficacious in acute articular rheumatism."

Hare's "Pract. Ther." p. 223.

For doses, etc., see p. 50. For formulas, see Part II, under the names of skin diseases, uterine diseases, burns, urethritis, etc. Also see pp. 100, 102, 113, 114, 115, 116, 119, 124, 125, 126, 138, 150, 154, 155, 156, 157, 158, etc.

Send for Ichthyol Book containing Clinical Reports and Formulary.
Tannalbin (Tannin Albuminate Exsic., Knoll)

Diarrhea ✧

Cholera Infantum ✧

Typhoid ✧

"Giving great satisfaction in the treatment of the various diarrheas."—Prof. J. T. Moore, Hamline University.

"Absolutely certain in all our cases of cholera infantum."—Dr. I. G. Rhy.

"In typhoid characterized by excessive discharges, Tannalbin, in every case, controlled action of bowels."—Dr. H. Holzapfel, University of Strassburg.

For doses, description, uses, etc., see p. 90. For formulas, see pp. 129, 142, 145, 153, 243, etc.

Dionin (Ethyl-morphine Hydrochlorate Merck)

Cough ✧

Insomnia ✧

Morphinism ✧

"Suspended or relieved the cough. *** In many cases the action was decidedly more satisfactory and pronounced than that afforded by codeine in similar doses."—Dr. G. Schroeder.

"It affords good sleep, stimulates expectoration and appears to exert beneficial influence on night-sweats."—Dr. J. Korte.

"Fills a most important place in the treatment of morphinism, which up to this time no other drug has done."—Quarterly Journal of Inebriety.

For doses, description, uses, etc., see p. 35. For formulas, see pp. 110, 112, 118, 119, 123, 132, 136, 145, 151, 152, 156, 160, 161, 165, 243, 244, 246, etc.
Perfected Quinine:

EUQUININE
(Quinine Carbonic Ether, ZIMMER)

"Possesses all the characteristic therapeutic effects of quinine, while it does away with the latter's unpleasant qualities."

Prof. C. von Noordens.

"Can be administered in cases where the patient cannot retain quinine." As a febrifuge "its action is exactly similar to that of quinine, both in intensity and in its lasting effects."

Dr. M. Overbach.

No Bitterness.

"Owing to its lack of bitterness it becomes the specific for children."—Dr. A. Bianchi.

"It is tasteless, causes no vomiting, does not disturb the appetite or nervous system and does not irritate the intestines."—Dr. Arboleda.

"Children readily take it."—Dr. S. S. Gerenstein.

Malarial Specific.

"Much more useful than ordinary quinine. ** Try it, my readers, and see for yourselves."

Dr. W. R. D. Blackwood.

"It is equal in effectiveness (to quinine salts) in malaria in equal doses."—Dr. Cesare Loi.

Whooping Cough.

"One of the most valuable of remedies for the treatment of whooping cough."

Dr. S. S. Gerenstein.

"It lessened the severity and diminished the frequency of the paroxysms."

Dr. Franz Niedermayr.

For dosage, etc., see p. 39. For formulas, see pp. 155, 177, 188, 193, 206, 209, 212, 217, 221, 222, 223, 231, 244, etc.
Orexine Tannate
(Phenyl-di-hydro-quinazoline Tannate, Kalle)

is the remedy indicated when patients have poor appetites. Prof. Roberts Bartholow in his Materia Medica (1899), p. 210, says: "Orexine is a stomach tonic, in regard to which there is remarkable unanimity of opinion. It promotes appetite." He further says: "The author has found it most beneficial as a stomach tonic in many neurasthenic subjects. It has proved beneficial as a means of improving the nutrition in various wasting diseases." Orexine Tannate may be had as powder or in tablet form. "Orexoids" is the name adopted for the 4-grain Orexine Tannate tablets of Merck & Co.

For doses, description, uses, etc., see pp. 65, 66. For formula, see pp. 108, 111, 140, 146, 198, 209, 214, 231, 252, etc.

Stypticin
(Cotarnine Hydrochlorate, MERCK)

according to Prof. H. J. Boldt, of the New York Post-Graduate Medical School, is of great value in checking hemorrhages. He says: "In certain forms of uterine hemorrhage it is almost a specific." He requests those who have tried other remedies and found them wanting "to add Stypticin to their therapeutic agents," and he feels convinced that "the curette and local treatment will be less frequently called for." Med. News, April 8, 1899, pp. 420, 421.—The editor of the N. Y. Med. Jour., LXX., p. 821, states that Abegg declares Stypticin to be highly efficient in menorrhagia, puerperal hemorrhage, and the hemorrhages of the climacteric.

For doses, description, uses, etc., see p. 88. For formulas, see pp. 99, 103, 167, 168, 140, 145, 152, 155, 195, 221, 232, etc.
For Insomnia

"Sleep set in rapidly after taking Dormiol, and on waking, the patient felt refreshed."

Prof. Königshöfer, Stuttgart.

Patients used to various hypnotics for years were unanimous in stating that Dormiol is not only more readily taken than chloral hydrate, but that it disturbs the general condition on the day following far less.

Dr. E. Schultze, Andernach.

For doses, description and uses, see p. 35. For formulas, see pp. 140, 177, 190.

For Phthisis

"Patients treated with Thiocol increased in weight, could leave the bed and were again able to work."

Dr. Otto Marcus,
Ludwig Hospital, Stuttgart.

"The favorable action of Thiocol in phthisical cases becomes manifest very soon by the perceptible increase of appetite and of strength, improvement of the general health, and increase in body weight."

Dr. C. Schwartz.

For doses, description and uses, see p. 92. For formulas, see pp. 118, 159, 182, 190, 199, 205, 211, 245.
Lanum

(Adeps Lanne Hydrosus, MERCK)

meets every requirement of the Pharmacopoeia, does not become rancid and is free from the acidity of ordinary wool-fat. As "the addition of water to a fat increases its absorbability" (Dieterich; Monats. f. prakt. Derm., Vol. VI, p. 632), Lanum, by being miscible with twice its weight of water while still maintaining its firm consistency, is the best base to prescribe for

Medicated Ointments.

By adding one part of olive oil to five parts of Lanum, the smoothly unctuous, handsome, creamy Wool-Fat Ointment of the new German Pharmacopoeia results. When dermic remedies are added to this an ideal preparation is obtained, which gives practitioners great satisfaction.

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THE IDEAL GERM DESTROYER AND DEODORANT

Creolin-Pearson

"Creolin-Pearson has done such effective service in helping to disinfect our city that we can give it our unqualified endorsement as a disinfectant of very great power."—Dr. C. H. Wilkinson, Health Physician, Galveston, Texas.

"We can give Creolin our unqualified endorsement."—Dr. W. C. Fisher, Auxiliary to Galveston Health Board.

"Creolin has been steadily and rapidly growing in popular favor."—Hare's "Pract. Ther.," 1897, p. 388.

For description, uses, etc., see p. 33. For formulas, see pp. 99, 113, 117, 125, 127, 139, 151, 178, 220, 254, etc.
Calcium Glycerinophosphate Merck

Prof. A. Robin (Med. Chron., IV, p. 65) asserts that the glycerinophosphates assist general metabolism, supply phosphorus to the nerve tissues in assimilable form, and are therefore excellent remedies to prescribe for convalescents, and patients having wasting diseases.

Resorcin Merck

With Resorcin "very satisfactory results are recorded in whooping cough ** Has done good service in skin diseases" (HELLBING'S Mod. Mat. Med., 1892, p. 93). "Employed in hay fever with remarkably good effects"—(HARE'S Pract. Ther., 1897, p. 329). "In catarrh of the stomach ** it acted most favorably"—(BARTHOLOW'S Mat. Med., 1899, p. 404).

Salol Merck


Extract Male Fern Merck

Extract (Oleoresin) of male fern is inert when made from old rhizomes. Merck's preparation is always produced from the fresh recent rhizome—hence its excellence. Male fern is "the most certain anthelmintic we have for the common tapeworm"—(WHITE'S Mat. Med., 1898, p. 590). Dr. J. S. Bird, Hyde Park, reports "phenomenal results" from "Merck's Male Fern"—(Albany Med. Ann., XVIII, p. 393).

Terpin Hydrate Merck


Santonin Merck

Santonin is declared to be "the most effective and pleasant remedy that can be employed for the expulsion of ascarides lumbricoides"—(BARTHOLOW'S Mat. Med., 1899, p. 772). "Used for the removal of the roundworm, and is very efficacious"—(HARE'S Pract. Ther., 1897, p. 312). "Certainly a most efficient remedy against the ascaris, and to a less extent it is of use against the oxyuris"—(BUTLER'S Mat. Med., 1899, p. 712).

To assure good results, specify Merck's!
Codeine Merck

is administered successfully for cough, pain, sleeplessness and glycosuria. Unlike morphine, Codeine leads to no drug habit, is not constipating, does not disturb the appetite and can be given with perfect safety to children and the aged. Dr. M. Loewenstein, of Berlin, says that, when given in phthisis, "the sense of oppression in the chest, the stitch-pains in the sides, the dyspnea and the oft-painful cough, can be efficaciously combated for any length of time."

—Dr. Freund, of Strasburg, says: "I can warmly recommend Codeine as an anodyne in ovarian affections."

—Dr. Novaro tells us that he has "obtained excellent results from the use of Codeine, in large doses, in a large number of cases of diabetes."—Dr. J. B. Mattison, of Brooklyn, says that "to get good results from Codeine it is essential to have it pure. Such is supplied by Merck."—In prescribing or ordering Codeine, specify: Merck's.

Wine of Cod Liver Oil

should produce that "stimulant and alterative influence on the processes of assimilation and nutrition" which the U. S. D. (18th Ed., p. 950) says C. L. O. produces, thereby, as it declares, "aiding in the production of healthy tissue." This result, it tells us, cannot be attributed to the oil, as such, it being merely a food.

GADUOL

when made into Wine of Cod Liver Oil (formula in Merck's Digest, No. 4) does have such effect. Prof. J. M. Patton, Chicago Polyclinic, refers to the "marked benefit from the use of Gaduol in small doses, through its effect on the processes of digestion and assimilation," which, he says, "are undoubtedly improved by its use."

Wine of Cod Liver Oil, from Gaduol, is palatable and can be easily made by any pharmacist.

For doses and indications, see p. 43. For formulas, see pp. 124, 135, 137, 148, 172, 181, 185, 187, 188, 189, 190, 192, 200, 201, 205, 207, etc.
SOME OF THE

Awards to the Merck Products

1830: Gold Medal: “For the Relief of Mankind.”

1853: Medal and Special Approbation: “For Specimens of Alkaloids.”

1861: Gold Medal and Diploma.

1862: Medal: “Honoris Causa.”

1864: Award: “Beyond Competition.”

1867: Gold Medal: “Chemical Preparations; Quinine Salts; Alkaloids.”

1873: Medal of Progress and Diploma: (The Highest Award.)

1876: The Great Prize Medal and Diploma.

1879: Highest Award.

1880: Gold Medal and Diploma: “A Fine and Vast Collection of the Rarest Alkaloids and their Salts.”

1880: Gold Medal: “Vitam Excolere per Artes.”

1883: The Diploma of Honor.

1893: Highest Award: Medal and Diploma. “For a large variety of preparations of great purity” and “For great service rendered to the medical and pharmaceutical professions.”

1893: Highest Award: Medal and Diploma. “For excellence of chemicals for analytical and scientific uses.”

1900: Grand Prix. (The Highest Award.) “Section II and III of the Collective Exhibit of the German Chemical Industry.”

Pharmaceutical Society of PARIS (France)
Exh’b’n of the Industry of all Nations, N.Y.
Industrial Exposition, DARMSTADT.
World’s Fair, LONDON (England).
Pharmaceutical Congress of France, STRASSBURG.
Universal Exposition, PARIS (France).
World’s Exposition, VIENNA (Austria).
Industrial Exposition, DARMSTADT.
International Exh’b’n, AMSTERDAM, (Holland).
International Exh’b’n, MELBOURNE, (Australia).
Medical Association of Italy, GENOA.
Columbian Exposition, CHICAGO. [“On Medicinal Chemicals.”]
Columbian Exposition, CHICAGO. [“On Guaranteed Reagents.”]
Universal Exposition, PARIS (France).
Etc., Etc.
We respectfully draw attention to the small imprint...

MERCKMERCKMERCK

repeated diagonally all over the genuine Merck label, thus:

![Image of repeated diagonal pattern]

Physicians are advised that labels NOT bearing the small imprint

MERCKMERCKMERCK

as here shown, should be rejected. For specimens, see fac-simile of Cocaine package on page 284.

MERCK'S Chemicals are readily obtainable everywhere in the United States through the usual channels of trade, in original packages of any desired regular size, under the Merck seal and label, and at prices not higher than those charged for other brands. If you wish to make sure that these products are used in your prescriptions, please specify:  

Merck's!
THE MÉRCK LABORATORIES AND WORKS, DARMSTADT, FOUNDED IN THE YEAR 1668