

MATERIA MEDICA AND THERAPEUTICS

CONDENSED.

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P R E F A C E .

THIS concise treatise proposes to show at a glance the doses, officinal names, chemical composition, and therapeutical applications of all the medicines in general use by the medical profession of the United States, also some of those officinal in the British pharmacopœia.

Carefully compiled from the latest U. S. Dispensatory and works on materia medica.

The present work has been carefully arranged in accordance with the following classification of the materia medica.

“Medicines may be divided into—

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| I. Those which have a special action on the nervous system, or <i>Neurotics</i> (from <i>νευρον</i> , a nerve). | { Narcotics,
Anæsthetics,
Antispasmodics,
Tonics,
Astringents,
Stimulants,
Sedatives,
Spastics. |
| II. Those which have a special action on the secretions, or <i>Eccritics</i> (from <i>εκκρισις</i> , secretion). | { Emetics,
Cathartics,
Diaphoretics,
Diuretics,
Blennorrhetics,
Emmenagogues. |
| III. Those which modify the blood, or <i>Hæmatics</i> (from <i>αιμα</i> , the blood). | { Hæmatinics,
Alteratives,
Antacids. |
| IV. Those which act topically. | { Irritants,
Demulcents,
Anthelmintics.” |

CLASS I.—MEDICINES GIVEN IN *SOLID* FORM.

A. *Those given in Doses less than One Grain.*

(Medicines marked * not officinal in U. S. P. Those marked † officinal only in British Pharmacopœia.) \square —When the term *as a*, or *as an*, occurs in the column of "Med. Properties," it implies that the remedy to which it refers may, in other doses, have properties different from those herein ascribed.

Dose.	Officinal name.	Med. properties.
gr. $\frac{1}{50}$ to $\frac{1}{30}$	Atropia.....	Narcotic; diaph.; diur.
	† Digitalinum.....	Sedative; diur.; narcot.
gr. $\frac{1}{8}$ to $\frac{1}{2}$	Strychnia	Spastic; tonic; diur.; diaph.; lax.
	Acidum arseniosum, AsO ₃	Alterative; febrifuge.
	*Elaterin.....	Drastic cath.; diur.
gr. $\frac{1}{8}$ to $\frac{1}{2}$	Hydrargyri chloridum mite ...	In infantile diarrhœa.
	Hydrargyri chloridum corrosivum, HgCl.	Alt.; antisymphilitic; sorbefacient.
	Hydrargyri cyanidum, HgCy.	Alt.; antisymphilitic; sorbefacient.
	Phosphorus, P.	Diffus. stim.; diur.; aphrodisiac.
gr. $\frac{1}{8}$ to $\frac{1}{4}$	Hydrargyri iodidum rubrum, HgI.....	Alt.
	Antimonii et potassæ tartras..	As a diaph. and expect.
gr. $\frac{1}{2}$ to $\frac{1}{6}$	Veratria.....	Sedative; eccritic.
gr. $\frac{1}{10}$	Ipecacuanha.....	As a tonic.
gr. $\frac{1}{8}$	Potassii cyanidum, KCy.....	Narcot.; sed.; antispas.; anodyne.
	Strychnia (for endermic use)..	Spas.; tonic; diur.; diaph.; lax.
	Elaterium (Clutterbuck's).....	Dras. cath.; diur.
	Arsenici Iodidum, AsI ₃	Alt.
gr. $\frac{1}{6}$ to $\frac{1}{4}$	Morphiæ sulphas, acetas et murias	Narcotic; anod.; sopor.; diaph.; antispas.
gr. $\frac{1}{3}$	Potassæ bichromas, KO,2CrO ₃ .	As an alt.
gr. $\frac{1}{4}$	Ext. digitalis alcoholicum	Sed.; diur.; narcot.
	*Emetia (pure).....	Emetic.
	Gillenia.....	As a tonic.
gr. $\frac{1}{4}$ to $\frac{1}{2}$	Ext. belladonnæ.....	Narcot.; anod.; antispas.; diur.; diaph.; lax.
	Iodinium, I.....	Alt.; resolvent; emmen.
	Ipecacuanha.....	As an expect. or diaph.

Dose.	Official name.	Med. properties.
	Antimonii et potassæ tartras, KO, SbO ₃ , C ₂ H ₄ O ₁₀ +2HO. ...	As a nauseant.
	Hydrargyri sulphas flava, 3HgO, SO ₃	As an alt.
gr. ¼ to j	Resina podophylli.....	Dras. cath.
	Cupri sulphas.....	As a tonic and astring.
gr. ½	Ext. opii.....	Narcot.; antispas.; sed.; sopor; diaph.; anod.
	Cuprum ammoniatum.....	Tonic; antispas.
gr. ½ to j	Ext. nucis vomicæ alc.....	Spas.; tonic.; diur.; diaph.; lax.
	“ ignatiæ alc.....	Spas.; tonic.; diur.; diaph.; lax.
	“ aconiti “.....	Narcot.; sed.
	Hydrargyri chloridum mite, Hg ₂ Cl.....	As an alt. and antiphlo- gistic.

B. Those given in One Grain Doses or more.

Dose.	Official name.	Med. properties.
gr. ½ to ij	Ext. cannabis.....	Narcot.; antispas.; sed.
	Argenti oxidum, AgO.....	Tonic; antispas.
	Ipecacuanha.....	As a nauseant.
	Antimonii et potassæ tartras.	As a sed. antiphlogistic.
gr. j.	Opium.....	Narcot.; anod.; antispas.; diaph.; sed.; sopor.
	Pilulæ opii.....	Narcot.; anod.; antispas.; diaph.; sed.; sopor.
	Belladonna.....	Narcot.; anod.; antispas.; diaph.; diur.; lax.
	Stramonii semen.....	Narcot.; anod.; antispas.; diaph.; diur.; lax.
	Ext. stramonii.....	Narcot.; anod.; antispas.; diaph.; diur.; lax.
	“ “ alcoholicum.	Narcot.; anod.; antispas.; diaph.; diur.; lax.
	Digitalis.....	Sed.; diur.; narcot.
	Scilla.....	As a diur. or expect.
	Sodæ bicarbonas.....	As a liquefacient (in in- fantile croup).
gr. j to ij	Veratrum viride.....	Sed.; diur.; emet.
	Aconiti folium.....	Narcot.; sed.
	Ext. colchici aceticum.....	Diur.; expect.; anod.; sed.; diaph.; eccritic.

Dose.	Official name.	Med. properties.
	Cantharis	Diur.; stim.; emmen.
	Elaterium	Dras. cath.; diur.
	Zinci chloridum, ZnCl.	Tonic; antispas.; alt.
	“ valerianas	Tonic; antispas.; alt.
	Antimonii et potassæ tartras..	As an emetic.
	Ext. hyoscyami alc.	Narcot.; anod.; antispas.; stim.; lax.
gr. j to iij	Pilulæ hydrargyri	As an alt. and sialagogue.
	Hydrargyri iodidum viride, Hg ₂ I.....	Alt.
	Antimonium sulphuratum.....	As an alt.
	Ext. senegæ alc.	Blenn.; stim. expect.; diur.; diaph.; emmen.
	Toxicodendron	Spas.; narcot.; diur.; diaph.; lax.
	Lobelia	As an antispas.
	Potassæ permanganas, KO, Mn ₂ O ₇	Alt.
gr. ½ to iv.	Argentii nitras, AgO, NO ₅ .	Tonic; antispas.
gr. j to v	Quinise sulphas.....	As a tonic.
	Zinci sulphas, ZnO, SO ₃ +7HO	As a tonic; astring.; an- tispas.
	Ferri sulphas, FeO, SO ₃ +7HO	Tonic; astring.
	Calx chlorinata, CaO, ClO+Ca Cl+2HO	Alt.; astring.; stim.
	Acidum tannicum	Astring.
gr. ij	Veratrum album.....	Sed.; eccritic.
	Stramonii folium.....	Narcot.; anod.; diaph.; diur.; lax.
gr. ij to iij	Nux vomica.....	Spas.; tonic; diur. diaph.; lax.
	Antimonii oxidum, SbO ₃	Sed.
	Santoninum.....	Anthelmintic.
gr. ij to iv	*Leptandrin	Cath.; cholagogue.
	Gillenia.....	As an expect. and diaph.
	Conium.....	Narcot.; sed.; antispas.
	Ext. conii.....	Narcot.; sed.; antispas.
gr. ij to v	Acidum gallicum.....	Astring.
	Ferri pyrophosphas, 2Fe ₂ O ₃ , 3PO ₅ +9HO.....	Tonic.
	Oleoresina lupulinæ	Narcot.; tonic.
	Hydrargyri sulphas flava.....	As an emetic.
	Gambogia	Dras. cath.; hydragog.

Dose.	Official name.	Med. properties.
	†Beberie sulphas,	Febrifuge and tonic.
gr. iij to v	Cuprisulphas, $\text{CuO}, \text{SO}_3 + 5\text{HO}$	As an emetic.
	Lithiæ carbonas, LO, CO_2 ,	Antacid.; diur.; antilithic.
gr. v	Pilulæ saponis comp.....	Narcot.; antispas.; anod.; sed.; diaph.
	Ferri ferrocyanidum, Fe_4Cfy_3 .	Tonic; febrifuge; alt.
	Ext. quassie	Simp. bitter; tonic; stomachic.
gr. ij to viij	Colchici radix et semen.....	Diur.; diaph.; expect.; anod.; sed.; ecritic.
	Hydrargyrum cum cretâ.....	As an alt.; lax. (for children).
	Plumbi acetas, $\text{PbO}, \text{C}_4\text{H}_3\text{O}_3 + 3\text{HO}$	Astring.; sed.
	Zinci oxidum, ZnO	Tonic; antispas.
	Ammonie valerianas, $\text{NH}_4\text{O}, \text{C}_{10}\text{H}_9\text{O}_3$	Antispas.; stim.
	*Salicin.....	Astring. bitter; tonic.
gr. iv to viij	Resina jalapæ.....	Dras. cath.
	“ scammonii.....	Dras. cath.
gr. j to x	*Berberina.....	Simp. bitter; tonic; febrifuge.
gr. iij to x	Potassii bromidum, KBr	Alt.; resolv.; sed.; antaphrodisiac.
gr. v to x	Camphora, $\text{C}_{10}\text{H}_8\text{O}$	Narcot.; diaph.; antaph.; stim.; antispas.; anod.
	Colocynthis.....	Dras. cath.
	Ext. hellebori alc.....	Dras. cath.; emmen.
	Cardamomum	Arom.; stim.; carmin.; stomachic.
	Capsicum.....	Arom.; stim.; carmin.; stomachic.
	Caryophyllus.....	Arom.; stim.; carmin.; stomachic.
	Hyoscyami folium et semen...	Narcot.; anod.; antispas.; stim.; lax.; hypnotic.
	Ext. hyoscyami.....	Narcot.; anod.; antispas.; stim.; lax.; hypnotic.
	Ferrum redactum, Fe	Tonic.
	Ferri phosphas, $2\text{FeO}, \text{HO}, \text{PO}_5$	Tonic.
	“ citras, $\text{Fe}_2\text{O}_3, \text{C}_{12}\text{H}_5\text{O}_{11}$...	Tonic.
	Sabina	Emmen.; stimulant.

Dose.	Official name.	Med. properties.
	Rheum.....	As a stomachic lax.
	Alumen exsiccatum.....	Astring.; antispas.
	Pilulæ scillæ comp.	As a stim. expect.
	†Lithiæ citras.....	Antacid; antilithic; diur.
gr. vj to xij	Lupulina.....	Narcot.; tonic.
	Hydrargyri chloridum mite,	As a purg. and anthel-
		mintic.
	Scilla.....	As an emetic.
gr. v to xv	Potassii iodidum, KI.....	Alt.; resolvent; diur.
	Pilulæ hydrargyri.....	As a lax.
	Sodæ carbonas exsiccata, NaO,	Antacid; antilithic; re-
	CO ₂	solvent; diuretic.
	Ferri et ammoniæ sulphas,	
	F ₂ O ₃ , 3SO ₃ +NH ₄ O, SO ₃ + 24HO.....	Tonic; astring.
	Ext. podophylli.....	Dras. cath.
	Scammonium (pure).....	Dras. cath.
	Ferri subsulphas.....	As a styptic.
gr. v to xx	Assafoetida	Antispas.; stim.; em-
		men.; expect.; lax.
	Aloe.....	Cath.; tonic; emmen.; anthelmin.
	Ext. colocynthidis comp.	Cath.; lax.
	Hydrargyrum cum cretâ.....	Alt.; lax.
	Ammoniæ carbonas, 2NH ₄ O, 3CO ₂	Diffus. stim.; diaph.; antispas.; antacid; ex-
		pect.
	Piper.....	Aromat.; carmin.; stim.
	Lobelia.....	As an emetic.
	Manganesii sulphas, MnO, SO ₃ +5HO.....	As a tonic.
gr. v to xxx	Ferri subcarb., Fe ₂ O ₃ , CO ₂ (?)	Tonic; alt.; emmen.
	Bismuthi subnitras, BiO ₃ , NO ₅ .	Tonic; antispas.; as-
		tring.
	“ subcarbonas. BiO ₃ , CO ₂	Tonic; antispas.; as-
		tring.
	Ammoniæ murias, NH ₄ Cl.....	Alt.; resolvent; refrig.; sed.; eccritic.
gr. x.	Lactucarium.....	Narcot.; anod.; hypnot.; sed.
	Pulvis ipecacuanhæ comp.	Anod.; diaph.
	Magnesiæ carbonas.....	As an antacid.
	Moschus.....	Antispas.; stim.
gr. x to xv.	*Ext. chimaphilæ.....	Astring.; tonic; diur.

Dose.	Official name.	Med. properties.
	Euphorbia ipecacuanha.....	Emetic.
gr. x to xx	Castoreum.	Antispas.; stim.; emmen.
	Dracontium.....	Antispas.; stim.; narcot.
	Galla.	Astring.
	Geranium.	Astring.
	Ext. krameriae.....	Astring.; tonic.
	Helleborus.	Dras. cath.; emmen.
	Ext. jalapæ..	Dras. cath.
	Senega.....	Blenn.; stim. expect.; diur.; diaph.; emmen.
	Zingiber.	Arom.; stim.; carmin.
	Zinci sulphas.....	As an emetic.
	Sanguinaria.	As an emetic.
	Ferri lactas, $\text{FeO}, \text{C}_6\text{H}_5\text{O}_5 + 3\text{HO}$	Tonic.
	Potassæ carbonas, KO, CO_2	Antacid; diur.; antilithic; resolvent.
	*Ext. filicis æthereum.	Anthelmin.; tæniacide; tonic; astring.
	*Sodæ hyposulphis.....	Deoxidizer.
gr. xii	Quiniæ sulphas.....	As a febrifuge.
gr. x to xxx	Gentiana	Simp. bitter; tonic; stomachic.; lax.
	Ext. gentianæ	Simp. bitter; tonic; stomachic.; lax.
	Calumba	Simp. bitter; tonic; demulcent.
	Chiretta	Simp. bitter; tonic; stomachic.; lax.
	Ext. cinchonæ.....	As a tonic.
	Pilulæ ferri carbonatis, $\text{FeO},$ CO_2	Tonic.
	Ferri et ammoniæ tartras, $\text{Fe}_2\text{O}_3, \text{NH}_4\text{O}, \text{C}_8\text{H}_4\text{O}_{16}$	Tonic.
	Ferri et potassæ tartras, $\text{Fe}_2\text{O}_3,$ $\text{KO}, \text{C}_8\text{H}_4\text{O}_{16} + \text{HO}$	Tonic; lax.
	Alumen, Al	Astring.; antispas.
	Catechu.	Astring.; tonic.
	Kino.....	Astring.
	Ext. hæmatoxyli.	Astring.
	Sodæ carbonas, $\text{NaO}, \text{CO}_2 +$ 10HO .	Antacid; antilithic; re- solvent; diuretic.
	Sodæ bicarbonas, $\text{NaO}, \text{HO},$ 2CO_2 .	Antacid; antilithic; re- solvent; diuretic.

Dose.	Official name.	Med. properties.
	Creta præparata.....	Antacid; astring.
	Testa ".....	Antacid; astring.
	Balsamum toluatanum.....	Blenn.; stim.; tonic; expect.
	Myrrha.....	Blenn.; stim.; tonic; expect.; emmen.
	Ext. valerianæ alcoholicum....	Antispas.; stim.
	" rhei alcoholicum.....	Cath.; stomachic.; astring.; tonic.
	" juglandis.....	Cath.
	Salix.....	Astring. bitter; tonic.
	Guaiaci resina et lignum.....	Alt. diaph.; lax.; emmen.; stim.
	Cinnamomum.....	Arom.; stim.; carmin.; astring.
	Potassæ nitras, KO, NO_3	Refrig.; sed.; diur.; diaph.
	Calcis phosphas præcipitata...	Alt.
	Ammoniacum.....	Antispas.; expect.
	Acidum tartaricum.....	Refrig.
gr. xv to xxx	Jalapa.....	Dras. cath.
	Potassæ chloras, KO, ClO_5	Alt.; sed.; diur.
	Ruta.....	Emmen.
gr. xx	Ipecacuanha.....	As an emetic.
	Ergota.....	Spastic.
	Magnesia, MgO	As an antacid.
	Podophyllum.....	Dras. cathartic.
gr. xx to xxv	Potassæ citras, $3KO, C_{12}H_5O_{11}$	Refrig.; diaph.
gr. xx to xxx	Hydrargyri chloridum mite....	As a sed.
	Krameria.....	Astring.; tonic.
	Buchu.....	Blenn.; diur.; diaph.
	Cascarilla.....	Arom. bitter; tonic.
	Myristica.....	Arom.; stim.; carmin.; narcot.
gr. xx to xl	Uva ursi.....	Astring.; tonic; diur.
	Sodæ phosphas, $2NaO, HO, PO_5$ +24HO.....	As an alt.
gr. xx to lx	Potassæ bicarbonas, $KO, HO,$ $2CO_2$	Antacid.; diur.; antilitic.; resolvent.
	Quassia.....	Simp. bitter; tonic; stomachic.
	Simaruba.....	Simp. bitter; tonic; stomachic.

Dose.	Official name.	Med. properties.
	Cornus Florida	Astring. bitter; tonic; febrifuge.
	Nectandra.....	Astring. bitter; tonic; febrifuge.
	Potassæ acetat, $\text{KO}, \text{C}_4\text{H}_5\text{O}_3$...	Diur.; antacid; alt.
	“ bitartras, $\text{KO}, \text{HO}, \text{C}_8\text{H}_4\text{O}_{10}$	As a diuretic.
	Ext. taraxaci.....	Diur.; tonic; aperient; cholagogue.
	Rheum.....	As a purgative.
	Terebinthina.	As a blenn.; stim.; diur.
	Leptandra.....	Cath.; cholagogue.
	Calamus.	Arom.; stim.; tonic; carmin.
	Cimicifuga.	Blenn.; antispas.; expect.; diaph.; diur.; emmen.
gr. xxx	Sarsaparilla.	Alt. diaph.
	Sodæ boras.....	Refrig.; diur.; emmen.
	Gillenia.	As an emetic.
gr. xxxvi	Confectio opii.....	Narcot.; stim.
gr. xxx to lx	Valeriana.....	Antispas.; stim.
	Pix liquida.....	Blenn.; stim.; diur.; expect.
	Matico.	Blenn.; tonic; diur.; hæmostatic; alt. stim.
	Pareira.	Blenn.; tonic; diur.; aperient.
	Frasera.	Simp. bitter; tonic; stomachic.
	Sabbatia.....	Simp. bitter; tonic; stomachic.; emmen.
	Carota	Diur.; arom.
	Angelica.....	Arom. bitter; tonic; stim.
3j	Cinchona.	As a tonic.
	Magnesia.....	As a lax.
	Sodæ sulphis, $\text{NaO}, \text{SO}_2 + 3\text{HO}$	Parasiticide.*
3ss to ij	Allium	Blenn.; expect.; diur.; stim.; tonic; carmin.; eccritic.
	Senna.	Cath.
	Liriodendron.	Arom. bitter; tonic; diaph.; stim.

Dose.	Official name.	Med. properties.
$\bar{3}j$	Confectio sennæ.....	Laxative.
$\bar{3}j$ to ij	Magnesiæ carbonas.....	As a lax.
	Cassia fistula.....	Lax.
	Manganesii sulphas.....	As a purg.
	Potassæ bitartras.....	As an aperient.
	Rottlera.....	Anthelmin.; tæniacide.
	Spigelia.....	Anthelmin.
$\bar{3}j$ to ijj	Cubeba.....	Blenn.; stim.; diur.
	Sulphur, S.....	Lax.; alt. diaph.; re- solvent.
	“ præcipitatum.....	Lax.; alt. diaph.; re- solvent.
	Filix mas.....	Anthelmin.; tæniacide; tonic; astring.
$\bar{3}ss$ to j	Cinchona.....	As a febrifuge.
	Potassæ bitartras.....	As a cath.
	“ et sodæ tartras, KO, NaO, C ₈ H ₄ O ₁₀	Cath.
	Terebinthina (in emulsion)...	As a cath. or anthelmin.
$\bar{3}j$	Magnesiæ sulphas, MgO, SO ₃ + 7HO.....	Cath.; refrigerant.
	Sodæ sulphas, NaO, SO ₃ + 10HO.....	Cath.
$\bar{3}j$ to ij	Sodæ phosphas.....	As a cath.
	Manna.....	Lax.
	Pepo.....	Anthelmintic.

CLASS I.—MEDICINES GIVEN IN FLUID FORM.

A. Those given in Doses less than a Fluidrachm.

Dose.	Official name.	Med. properties.
gtt. $\frac{1}{4}$ to $\frac{1}{2}$	Oleum amygdalæ amaræ.....	Narcot.; sed.; antispas.; anod.
gtt. j	Oleoresina capsici.....	Arom.; stim.
gtt. j to ij	Acidum hydrocyanicum dilut.	Narcot.; sed.; antispas.; anod.
	Creasotum.....	Astring.; styptic.
	Oleum tigllii.....	Dras. cath.; diur.

Dose.	Official name.	Med. properties.
	Oleum cinnamomi.....	Arom.; stim.; carmin.; astring.
	Oleoresina zingiberis.....	Arom.; stim.; carmin.
gtt. ij to iij	Oleum camphoræ.	Narcot.; stim. diaph.; anod.; antispas.
	“ myristicæ.	Arom.; stim.; carmin.; narcot.
	Oleoresina piperis.....	Arom.; stim.; carmin.
gtt. j to v	Oleum menthæ piperitæ.....	Arom.; stim.; carmin.
	“ “ viridis.....	Arom.; stim.; carmin.
	“ cajuputi.....	Arom.; stim.; carmin.; antispas.
	“ lavandulæ.	Arom.; stim.; carmin.
gtt. ij to v	Acidum nitromuriaticum.....	Tonic; antisiphilitic.
	Oleum caryophylli.....	Arom.; stim.; carmin.
	“ rute.	Emmen.; stim.; antispas.
gtt. iv to v	Ext. veratri viridis fluidum....	Sed.; diur.; emet.
	Oleum valerianæ	Antispas.; stim.
gtt. iv to xij	Ext. colchici radice fluidum...	Diur.; diaph.; expect.; eccritic; sed.; anod.
	“ “ seminis “ ...	Diur.; diaph.; expect.; eccritic; sed.; anod.
gtt. j to x	Oleum cari	Arom.; stim.; carmin.
gtt. ij to x	“ sassafras	Alt. diaph.; stim.; arom.
gtt. vj	Liquor iodinii comp.....	Alt.; resolv.; emmen.
	Brominium	Alt.; resolv.
gtt. vij to x	Acetum opii.....	Narcot.; anod.; antispas.; diaph.; sopor; sed.
	Tinct. veratri viridis, $\frac{3}{5}$ xvj to alc. Oij.....	Sed.; diur.; emet.
gtt. v to x	Oleum sabinæ.....	Emmen.; stim.
	“ chenopodii.....	Anthelmin. (for a child).
	“ erigerontis Canadensis.	Hæmostatic.
	Tinct. aconiti radice, $\frac{3}{5}$ xij to alc. Oij.....	Narcot.; sed.
gtt. v to xv	Liquor potassæ arsenitis (Fowler's sol.).....	Alt.; febrifuge.
	Oleum succini rectificatum....	Antispas.; stim.; diur.
	“ fœniculi.	Arom.; carmin.
	“ anisi.....	Arom.; carmin.
	“ juniperi	Diur.
gtt. v to xx	Tinct. nucis vomicæ, $\frac{3}{5}$ viij to alc. Oij	Spastic; diur.; diaph.; lax; tonic.

Dose.	Official name.	Med. properties.
	Tinct. opii camphorata	Narcot.; anod.; antispas. (for an infant).
	Syrupus ipecacuanhæ.....	As an expect. (for a child of 1 to 2 years).
	Liquor arsenici et hydrargyri iodidi (Donovan's sol.).....	Alt. (in skin diseases).
gtt. v to xxx	Oleum terebinthinæ.	As a blenn.; stim.; and diur.
gtt. x to xij	“ cubebæ.....	Blenn.; diur.; stim.
gtt. x to xv	“ copaibæ (in emulsion).	Blenn.; diur.; stim.; lax.
gtt. x to xx	Tinct. digitalis, \mathfrak{z} iv to dil. alc. Oij.....	Sed.; diur.; narcot.
	Tinct. iodinii, \mathfrak{z} j to alc. Oj.....	Alt.; resolvent; emmen.
	Liquor ferri nitratis, Fe_2O_3 , 3NO_5	Tonic; astring.
	Liquor ferri citratis.	Tonic.
	“ potassæ, KO,HO.....	Antacid.; diur.; antili- thic; resolvent.
	“ sodæ, NaO,HO.....	Antacid.; diur.; antili- thic; resolvent.
	Spiritus cinnamomi.....	Arom.; stim.; carmin.; astring.
gtt. x to xxx	Vinum antimonii.....	As an expect. and sudo- rific.
	Aqua ammoniæ.....	Diffus. stim.; sudorific.; antacid.
	Spiritus “	Diffus. stim.; antispas.; carmin.
	Acidum sulphuricum dil.	Tonic; refrig.; astring.
	“ “ arom....	Tonic; refrig.; astring.
gtt. xv to xxx	Tinct. iodinii comp., \mathfrak{z} ss to pot- tass. iod. \mathfrak{z} j and alc. Oj.....	Alt.; resolv.; emmen.
	Tinct. belladonnæ, \mathfrak{z} iv (of the leaves) to dil. alc. Oij.	Narcot.; antispas.; diaph.; anod.; diur.; lax.
gtt. xx	Tinct. opii acetata, \mathfrak{z} ij to vine- gar \mathfrak{z} xij, alcohol Oss.	Narcot.; antispas.; diaph.; anod.; sed.; sopor.
gtt. xxv.	Tinct. opii, \mathfrak{z} ijss to dil. alc. Oij.	Narcot.; antispas.; diaph.; anod.; sed.; sopor.
	Tinct. opii deodorata.....	Narcot.; antispas.; diaph.; anod.; sed.; sopor.

Dose	Official name.	Med. properties.
	Vinum opii, ℥ij to wine Oj+ cinnamon and cloves.	Narcot.; antispas.; diaph.; anod.; sed.; sopor.
gtt. xx to xxx	Tinct. aconiti folii, ℥iv to dil. alc. Oij.....	Narcot.; sed.
	Tinct. stramonii, ℥iv to dil. alc. Oij.	Narcot.; antispas.; anod.; diaph.; diur.; lax.
	Ext. ergotæ fluidum.....	Spastic.
	“ zingiberis fluidum.....	Arom.; stim.; carmin.
gtt. xx to xl	Tinct. scillæ, ℥iv to dil. alc. Oij:.....	As a diur. or expect.
	Syrupus ferri iodidi.....	Tonic; alt.
	Acidum nitricum dil.....	Tonic; astring.; refrig.; alt.; antilithic.
	Spiritus menthæ viridis.....	Arom.; stim.; carmin.
	“ “ piperitæ.....	Arom.; stim.; carmin.
gtt. xx to l	*Tinct. gelsemii radicis, ℥iv to dil. alc. Oj.....	Sed.
℥ v to xxx	Oleoresina cubebæ.....	Blenn.; stim.; diur. (used in gonorrhœa).
℥ x to xxx	Vinum ipecacuanhæ.....	As an expect. and diaph.
gtt. xx to lx	Acidum muriaticum dil.....	Tonic; refrig.; antilithic.
gtt. xxx to lx	Tinct. sanguinaris.....	As an expect.
℥ss	Ext. sarsaparillæ fluidum.....	Alt. diaph.
	“ buchu “.....	Blenn.; diur.; diaph.

B. Medicines given in about Fluidrachm Doses or more.

Dose.	Official name.	Med. properties.
℥ss to j	Tinct. myrrhæ, ℥ij to alc. Oij.	Blenn.; stim.; expect.; emmen.; tonic.
	“ conii, ℥iv to dil. alc. Oij.	Narcot.; antispas.; sed.
	“ hellebori “	Dras. cath.; emmen.
	Æther.....	Narcot.; stim.; anod.; antispas.
	Chloroformum purificatum....	Narcot.; stim.; anod.; antispas.
	Spiritus chloroformi.....	Narcot.; stim.; anod.; antispas.
	“ ætheris nitrosi.....	Refrig.; antispas.; diaph.; diur.
	Ext. gentianæ fluidum.....	Simp. bitter; tonic; sto- machic.
	“ serpentariæ “.....	Arom. bitter; stim.; tonic; diur.; diaph.

Dose.	Official name.	Med. properties.
	Ext. uvæ ursi fluidum.	Astring.; tonic; diur.
	“ cimicifugæ “	Blenn.; antispas.; expect.; diur.; diaph.
gtt. v to fʒj	Spiritus camphoræ, ʒiv to alc. Oij.	Narcot.; diaph.; antispas.; stim.; anod.
gtt. x to fʒj	Syrupus scillæ comp. (hive syrup).	Diur.; emet.; expect.; cath. (for children).
	Tinct. cantharidis, ʒj to dil. alc. Oij.....	Diur.; stim.; emmen.
gtt. xx to fʒj	Copaiba.....	Blenn.; stim.; diur.; lax.
gtt. xxx to fʒj	Vinum antimonii.....	As an emetic (for children).
	Liquor sodæ chlorinatæ.....	Alt.; astring.; stim.
	Spiritus ammoniæ aromat.....	Diffus. stim.; antispas.; carmin.; antacid.
ʒ x to fʒj	Vinum colchici radiceis, ʒxij to sherry wine Oij.	Diur.; diaph.; expect.; anod.; sed.
ʒ x-xxx to fʒj-ij	Tinct. ferri chloridi, Fe ₂ Cl ₃ ...	Tonic; diur.
ʒ xxx to fʒij	Acetum scillæ.....	Diur.; blenn. expect.
gtt. xxx to fʒij	Acetum colchici.....*	Diur.; expect.; diaph.; anod.; sed; eccritic.
fʒss to ij	Tinct. colchici, ʒiv-(of seed) to dil. alc. Oij.	Diur.; diaph.; expect.; anod.; sed; eccritic.
fʒj	Tinct. benzoini comp.....	Blenn.; stim. expect.
	“ lobeliæ, ʒiv to dil. alc. Oij.	Narcot.; emet.; sed.; naus.; diur.; diaph.
	“ assafoetidæ, ʒiv to alc. Oij.	Antispas.; stim.; expect.; lax.; anthelmin.
	“ valerianæ, ʒiv to dil. alc. Oij.....	Antispas.; stim.
	“ hyoscyami, ʒiv to dil. alc. Oij.	Narcot.; anod.; antispas.; stim.; lax.; hypnotic.
*	“ coptis, ʒj to dil. alc. Oj.	Simp. bitter tonic: stomachic.
	“ guaiaci, ʒvj to alc. Oij.	Alt. diaph.; stim.; lax.; emmen.
	Acetum lobeliæ, ʒij to acetic acid Oj.	Narcot.; antispas.; expect.; emet.
	Ext. sarsaparillæ fluidum comp.	Alt. diaph.
	Syrupus scillæ.....	Diur.; expect.; emet.
	“ allii.	As a blenn.; stim.; expect.; diur. (for children).

Dose.	Official name.	Med. properties.
	Syrupus rhei aromaticus.....	As a stomachic; lax. (for infants).
	Spiritus lavandulæ.....	Arom.; stim; carmin.
	“ “ comp.	Arom.; stim.; carmin.
	Acidum sulphurosum, SO ₂	Parasiticide (used for sarcina ventriculi).
	*Amyli iodidum.....	Alt.; resolv.; emmen.
	Liquor calcis	As an antacid; tonic; astring. (for children).
	Ext. valerianæ fluidum.....	Antispas.; stim.
	“ rhei “	As a purg.
fʒj to ij	Tinct. lupulinæ, ℥iv to alc.	
	Oij.	Narcot.; tonic.
	Tinct. castorei, ℥ij to alc. Oij.	Antispas.; stim.; emmen.
	“ cardamomi, ℥iv to dil. alc. Oij.....	Arom.; stim. (adjuvant).
	“ serpentariæ, ℥iv to dil. alc. Oij.	Arom. bitter; stim.; tonic; diur.; diaph.
	“ cubebæ, ℥iv to dil. alc. Oij.	Blenn.; stim.; diur.
	“ valerianæ ammoniata, ℥iv to sp. amm. arom. Oij.....	Antispas.; stim.
	“ guaiaci ammoniata, ℥vj to sp. amm. arom. Oij.	Alt. diaph. emmen.; stim.
	“ kramerisæ, ℥vj to dil. alc. Oij.....	Astring.; tonic.
	“ kino, ℥vj to dil. alc. fʒvij	Astring.; stim.
	“ capsici, ℥j to dil. alc. Oij	Arom.; stim.
	“ quassisæ, ℥ij to dil. alc. Oij.	Simp. bitter; tonic; stomachic.
	“ gentianæ comp. ℥ij to orange peel ℥j, cardamom. ℥ss, dil. alc. Oij.	Simp. bitter tonic; stomachic.
	“ tolutana, ℥iij to alc. Oij.	Blenn.; stim.; expect. (used in cough mixtures).
	“ aloes et myrrhæ.....	Cath.; tonic; emmen.
	Spiritus myristicæ, ℥ij to dil. alc. Ovij.....	Arom.; carmin.
	“ ætheris comp.....	Antispas.; anod.; stim.

Dose.	Official name.	Med. properties.
	Spiritus juniperi comp.....	Diur. (adjuvant).
	Ext. taraxaci fluidum.....	Diur.; tonic; aperient; cholagogue.
	“ spigeliæ “	Anthelmintic.
	“ pruni Virginianæ fluidum.	Astring. bitter; tonic; sed.
	Vinum colchici seminis, \mathfrak{z} iv to sherry wine Oij.	Diur.; expect.; diaph.; anod.; sed.; ecritic.
	“ ergotæ, \mathfrak{z} ij to sherry wine Oj.....	Spastic.
	“ aloes.....	As a lax.
	Syrupus senegæ.....	Blenn.; stim. expect.; diaph.; diur.; emmen.
	Liquor morphiæ sulphatis, gr. j to water \mathfrak{z} j.	Narcot.; anod.; sopor.; diaph.; antispas.
\mathfrak{z} j to iij	Tinct. catechu \mathfrak{z} iij to cinnamon \mathfrak{z} ij, dil. alc. Oij.....	Astring.; tonic.
	“ cinnamomi, \mathfrak{z} iij to dil alc. Oj.....	Arom. (adjuv.)
	“ gallæ, \mathfrak{z} iv to dil. alc. Oj.	Astring.
	“ humuli, \mathfrak{z} v to dil. alc. Oj	Narcot.; tonic.
	Acidum lacticum.....	(Used in atonic dyspep- sia.)
\mathfrak{z} ij	Ext. cinchonæ fluidum.....	As a tonic.
\mathfrak{z} ij to iij	Syrupus lactucarii.....	Narcot.; anod.; hypnot.; sed.
\mathfrak{z} j to iv	Tinct. cinchonæ, \mathfrak{z} vj to dil. alc. Oij.	Astring. bitter (used as an adjunct).
	“ cinchonæ comp. (red bark, serpentaria, and aromatics).	Tonic; febrifuge; arom. (Huxham's).
*	“ rottleræ, \mathfrak{z} vj to alc. Oj	Anthelmin.; tæniacide.
	“ calumbæ, \mathfrak{z} iv to dil. alc. Oij.	Simp. bitter; tonic; sto- machic; demulcent.
	Syrupus krameriæ.....	Astring.; tonic.
	Aqua creasoti.....	Astring.; styptic.
	Oleum ricini.....	As a lax. (for children).
	Acidum aceticum dil.....	Refrig.; diaph.; diur.
\mathfrak{z} ss	*Syrupus mucunæ.....	Anthelmintic.
	Ext. spigeliæ et sennæ fluidum.	Anthelmintic.
	“ sennæ fluidum.....	Cath.

Dose.	Official name.	Med. properties.
	Mistura glycyrrhizæ comp.....	Demulcent (cough mixture).
	Syrupus sarsaparillæ comp. ...	Alt. diaph.
	“ pruni Virginianæ.....	Astring bitter; tonic; sed.
	Mistura cretæ.....	Antacid; astringent.
	Aqua amygdalæ amaræ.....	(Vehicle for narcotic medicines).
	Tinct. opii camphorata, gr. lx to dil. alc. Oij	Narcot.; antispas. ; anod.
	Tinct. sanguinaris, ℥iv to dil. alc. Oij.....	As an emetic.
	Oleum morrhuæ.....	Alt.; stim.
f℥ss to j	Tinct rhei, ℥iij cardamom ℥ss to dil. alc. Oij.....	Cath.; tonic; stomachic.
	*Tinct. rhei et gentianæ.....	Cath.; tonic; stomachic.
	“ “ et sennæ.....	Cath.; tonic; stomachic.
	* “ “ et aloes.....	Cath.; tonic; stomachic.
	Mistura assafœtidæ, ℥ij to wa- ter Oss.	Antispas.; stim.; lax.; expect.; emmen.
	Mistura chloroformi.....	Narcot.; stim.; anod.; antispas.; diaph.
	Liquor ammoniæ acetatis.....	Refrig.; diaph.; diur.; resolvent
	Oleum ricini.....	Lax.
	“ terebinthinæ.....	As an anthelmintic.
f℥ss to iv	Liquor calcis.....	Antacid; astring.; alt. resolvent.
f℥j	Vinum ipecacuanhæ, ℥j to sherry wine Oj.....	As an emetic.
	Limonis succus.....	Refrig; antiscorbutic.
f℥j to ij	Aqua camphoræ.....	Narcot.; stim.; anod.; antaphrodisiac; diaph.; antispas.
	Mistura ferri comp	Tonic.
f℥vj to xij	Liquor magnesiæ citratis.....	Cathartic.

SYLLABUS OF INFUSIONS (INFUSA, U. S. P.).

[The general dose of Infusions is $f\mathfrak{z}ij$ (a wineglassful) frequently repeated.]

FIRST GROUP.—*One Troyounce to a Pint.*

Official name.	Proportions.	Medical properties.
Infusum cinchonæ flavæ.	Cold water + arom. sulph. acid. $f\mathfrak{z}j$	Astring. bitter; tonic; febrifuge.
Infusum cinchonæ rubræ.	Cold water + arom. sulph. acid. $f\mathfrak{z}j$.	Astring. bitter; tonic; febrifuge.
Infusum kramerisæ. ...	Cold water or boiling	Astring.; tonic.
" cascarillæ. ...	Cold water or boiling	Arom. bitter; tonic.
" eupatorii. ...	Boiling water.	Arom. bitter; tonic; diaph.; expect; emet.; lax.
* " fraseræ.	Boiling water.	Simp. bitter; tonic.
* " sabbatiæ.	Boiling water.	Simp. bitter; tonic; emmen.
" juniperi.	Boiling water.	Diuretic.
" pareiræ.	Boiling water.	Blenn.; diur.; tonic; aperient.
" buchu.	Boiling water.	Blenn.; diur.; diaph.
" sennæ.	Boiling water + coriander $\mathfrak{z}j$.	Mild acrid cath. (dose $O\frac{1}{2}$)

SECOND GROUP.—*One-half Troy ounce to a Pint.*

Official name.	Proportions.	Medical properties.
Infusum capsici.	Boiling water.	Arom.; stim. (dose $f\mathfrak{z}ss$).
" salviæ.	Boiling water.	Arom.; tonic; astring.
" zingiberis. ...	Boiling water.	Arom.; stim.; carmin.
" serpentariæ. .	Boiling water.	Arom. bitter; stim.; tonic; diur.; diaph.
" anthemidis. .	Boiling water.	Arom. bitter; tonic; (emetic when hot).
" catechu comp	Boiling water + cinnamon $\mathfrak{z}j$	Astring.; tonic.
" lini comp.	Boiling water + liquorice root $\mathfrak{z}ij$...	Demulcent (dose $O\frac{1}{2}$ to $\frac{1}{2}$).
" spigelisæ.	Boiling water.	Anthelmintic.
" humuli.	Boiling water.	Narcotic; tonic.
" calumbæ.	Boiling water.	Simp. bitter; demulcent tonic.
" gentianæ comp.	Cold water + aromatics.	Simp. bitter; tonic; lax.
" valerianæ. ...	Cold water.	Antispas.; stim.
" pruni Virginianæ	Cold water.	Astring. bitter; tonic; sedative.

THIRD GROUP.—*Proportions varied.*

Official name.	Proportions.	Medical properties.
Infusum quassiae	ʒij to cold water Oj.	Simp. bitter; tonic.
“ caryophylli.	ʒij to boiling water Oj.	Aromat.; stim.
“ taraxaci.	ʒij to boiling water Oj.	Diuretic; tonic; aperient; cholagogue.
“ tabaci.....	ʒj to boiling water Oj.	Narcot. (sed. injection in hernia.)
“ digitalis.	ʒj to boiling water Oss + tinct. cinna- momi fʒj.	Sed; diur.; narcot.
“ rhei.....	ʒij to boiling water Oss.	Mild acid cath.; lax.
“ rosæ comp...		Astring.; refrig.
“ picis liquidæ.	Oj to water Oiv.....	Blennor.; stim.; diur.

SYLLABUS OF DECOCTIONS (DECOCTA U. S. P.).

[The general dose of the Decoctions is fʒij or more.]

Official name.	Proportions.	Medical properties.
Decoctum cinchonæ flavæ.	ʒj to Oj + arom. sulph. acid fʒj.	Astring. bitter; tonic; febrifuge.
Decoctum cinchonæ rubræ.	ʒj to Oj + arom. sulph. acid fʒj.	Astring. bitter; tonic; febrifuge.
Decoctum cornus Flo- ridæ.	ʒj to Oj.	Astring. bitter; tonic; febrifuge.
Decoctum senegæ.....	ʒj to Oj.....	Blennor.; diur.; diaph.; stim. expect.; emmen.
“ dulcamaræ.	ʒj to Oj.....	Narcot.; diur.; diaph.
“ uvæ ursi....	ʒij to Oj	Astring.; tonic; diur.
“ chimaphilæ.	ʒij to Oj.....	Astring.; tonic; diur
“ hæmatoxyli	ʒj to Oij boiled to Oj.....	Astring.
* “ geranii.....	ʒj to Oiss boiled to Oj.....	Astring.
“ quercus al- bæ.	ʒj to Oiss boiled to Oj.....	Astring.
“ cetrariæ. ...	ʒss to Oj.....	Demulcent; tonic; nu- trient.
* “ apocyni	ʒss to Oiss boiled to Oj.	Diur.; diaph.; sed.; cath.; emet.
* “ cannabini.		
* “ rubi	ʒj to Oij boiled to Oj.....	Astringent.

SIGNS AND ABBREVIATIONS USED IN PRESCRIPTIONS.

- R, *Recipe*, take.
 āā, *Ana (ava)*, of each.
 lb, *Libra, libræ*, a pound, pounds.
 ℥, *Uncia, uncizæ*, an ounce, ounces.
 ℥, *Drachma, drachmæ*, a drachm, drachms.
 ℥, *Scrupulus, scrupuli*, a scruple, scruples.
 O, *Octarius, octarii*, a pint, pints.
 ℥, *Fluiduncia, fluiduncizæ*, a fluid-ounce, fluidounces.
 ℥, *Fluidrachma, fluidrachmæ*, a fluidrachm, fluidrachms.
 ℥, *Minimum, minima*, a minim, minims.
- AD 2 VIC., *Ad duas vices*, at two takings.
 AD LIB., *Ad libitum*.
 ADD., *Adde, Addatur*, add, let be added.
 ALTERN. HORIS, *Alternis horis*, every other hour.
 AQ. DESTIL., *Aqua Destillata*, distilled water.
 AQ. FERV., *Aqua fervens*, hot water.
 AQ. FLUVIAL., *Aqua fluvialis*, river water.
 AQ. FONT., *Aqua fontana*, spring water.
 AQ. PLUV., *Aqua pluvialis*, rain water.
 BIS IND., *Bis indies*, twice a day.
 BULL., *Bulliat, Bulliant*, let it or them boil.
 CAP., *Capiat, capiendum*, let the patient take it, it must be taken.
 CHART., *Chartula, chartulæ*, a small paper or papers.
- COCHLEAT., *Cochleatim*, by spoonfuls.
 COCH. MAG., *Cochleare magnum*, a tablespoonful.
 COCH. MED., *Cochleare medium*, a dessertspoonful.
 COCH. PARV., *Cochleare parvum*, a teaspoonful.
 COL., *Cola, coletur*, strain, let it be strained.
 COLLYR., *Collyrium*, an eye-water.
 COMP., *Compositus*, compounded.
 CONG., *Congius, congi*, a gallon, gallons.
 C. M. S., *Cras mane sumendus*, to be taken to-morrow morning.
 C. N., *Cras nocte*, to-morrow night.
 DECOCT., *Decoctum*, a decoction.
 DE D. IN D., *De die in diem*, from day to day.
 DIEB. ALTER., *Diebus alternis*, every other day.
 DIL., *Dilue, dilutus*, dilute, diluted.
 DIM., *Dimidius*, one-half.
 DIV., *Divide*, divide.
 D., *Doses*, a dose.
 ELECT., *Electuarium*, an electuary.
 ENEMA, *Enema, enemata*, a clyster, clysters.
 EXHIB., *Exhibeatur*, let it be administered.
 F. H., *Fiat haustus*, let a draught be made.
 FIL., *Filtra*, filter.
 FT., *Fiat, fiant*, let there be made.
 GARG., *Gargarysma*, a gargle.
 GR., *Granum, grana*, a grain, grains.
 GTT., *Gutta, guttæ*, a drop, drops.
 GUTTAT., *Guttatim*, by drops.

HAUST., *Haustus*, a draught.
 IND., *Indies*, daily.
 INF., *Infunde*, pour in.
 INFUS., *Infusum*, an infusion.
 INJ., *Injiciatur*, let it be injected.
 JUL., *Julepus*, a julep.
 M., *Misce*, Mix.
 MANE, in the morning.
 MIST., *Mistura*, a mixture.
 MIC. PAN., *Mica panis*, crumb of bread.
 NO., *Numero*, in number.
 OMN. HOR., *Omni horâ*, every hour.
 OMN. BID., *Omni biduo*, every two days.
 OMN. BIH., *Omni bihorâ*, every two hours.
 OMN. MAN., *Omni mane*, every morning.
 OMN. NOCTE, *Omni nocte*, every night.
 OMN. QUADR. HOR., *Omni quadrante horæ*, every quarter of an hour.
 PH., *Pharmacopœia*.

POCUL., *Poculum*, a cup.
 P. R. N., *Pro re natâ*, as the symptoms may call for.
 PULV., *Puleis*, a powder.
 Q. P., *Quantum placeat*, as much as you please.
 Q. S. *Quantum sufficiat*, enough.
 QUOR., *Quorum*, of which.
 REDIG. IN PULV., *Redigatur in pulverem*, let it be reduced to powder.
 REPET., *Repetatur, repetantur*, let it or them be repeated.
 S., *Signa*, write.
 S. A., *Secundum artem*, according to art.
 SEMIH., *Semihora*, half an hour.
 SIGN., *Signatura*, a label.
 SS., *Semis*, a half.
 SUM., *Sume, Sumendus*, take, to be taken.
 TABEL., *Tabella*, a lozenge.
 TROCH., *Trochiscus*, a lozenge.
 TRIT., *Tritura*, triturate.

DOSES OF MEDICINES FOR HYPODERMIC INJECTIONS.

Dose for an adult.

Atropiæ sulphas.....	gr. $\frac{1}{60}$ to $\frac{1}{30}$.
Strychniæ sulphas.....	gr. $\frac{1}{60}$ to $\frac{1}{30}$.
Morphiæ sulphas et murias.....	gr. $\frac{1}{2}$ to $\frac{3}{4}$.
Quiniæ sulphas (Neutral solution).....	gr. ij to iv.
Liq. morph. sulph. (Magendie's sol.).....	gtt. ij to xx.
Liq. opii comp. (Squibb's).....	gtt. v to lx.
Tinct. hyoscyami.....	gtt. x to xx.
Tinct. cannabis.....	gtt. x to xx.
Sodæ sulphis (in pyæmia).....	gr. ii.

(In mania-potu the first dose should be larger than in other cases.)

APOTHECARIES' WEIGHT.

20 grains, grs. make	.....	a scruple,	℞.
3 scruples	“	a drachm,	ʒ.
8 drachms	“	an ounce,	ʒss.
12 ounces	“	a pound,	℔.

APOTHECARIES' MEASURE (Liquid).

60 minims, ℥,	make	.....	a drachm,	ʒ.
8 drachms	“	.....	an ounce,	ʒss.
16 ounces	“	.....	a pint,	℥.
8 pints	“	.....	a gallon,	Cong.

A minim contains more or less drops according to the nature of the liquid, the size of the bottle from which it is dropped, &c.

A teacup	contains	.....	about 4 fluidounces.
A wineglass	“	.....	“ 2 “
A tablespoon	“	.....	“ $\frac{1}{2}$ a fluidounce.
A dessertspoon	“	.....	“ 2 fluidrachms.
A teaspoon	“	.....	“ 1 fluidrachm.

CIRCUMSTANCES WHICH MODIFY THE EFFECTS OF MEDICINES.—Age, Sex, Temperament, Idiosyncrasy, Habit, Race, Climate, Occupation. (Biddle.)

Table of Approximative Doses according to Age. (Dunghlison.)

Age.			
24	Let the full dose be	.....	1 ʒj.
18	Will require	.....	$\frac{2}{3}$ ʒij.
14	“	.....	$\frac{1}{2}$ ʒss.
7	“	.....	$\frac{1}{3}$ ʒj.
4	“	.....	$\frac{1}{4}$ grs. xv.
3	“	.....	$\frac{1}{6}$ “ x.
2	“	.....	$\frac{1}{8}$ “ viij.
1	“	.....	$\frac{1}{12}$ “ v.

Dr. Young's rule for the same: "For children under twelve years the doses of most medicines must be diminished in the proportion of the age to the age increased by twelve." Thus at two years $\frac{1}{12}$, *i. e.*, $\frac{2}{12+2} = \frac{1}{7}$; or, in other words, add the age to 12 and divide the age by this sum, and the product will be the proportion of the dose to that of an adult. At 21 the full dose may be given.

INCOMPATIBLES.

“Substances which, when mixed, combine or mutually decompose are said to be chemically incompatible. It by no means follows that the new bodies formed are inert.

The following general rules will be of use in prescribing:—

(1.) Neutral salts containing the same base, or the same acid, do not decompose each other.

(2.) Substances are incompatible with their tests and antidotes, as the very action of these depends upon chemical change.

(3.) The free acids generally unite with the oxides, and decompose the carbonates; the same is true of salts having an acid reaction.

(4.) The alkalies and alkaline earths, and their carbonates, generally precipitate the salts of the heavy metals.

(5.) The vegetable astringents precipitate most of the salts of the heavy metals, the alkaloids and alumina. Hence, vegetable and mineral astringents are chemically incompatible.

(6.) The iodides and bromides precipitate most of the salts of the heavy metals; the chlorides, the lead, mercury, and silver salts only.

The following preparations should either be given alone, or, if combined, it should be with caution, as they are readily decomposed: Lugol's, Donovan's, and Fowler's solutions; lime-water, solution of potassa, hydrocyanic and nitro-muriatic acids, tartar-emetic, cyanide of potassium, acetate of zinc, nitrate of silver.” (Rand.)

