The physician's prescription book: containing lists of the terms, phrases, contractions and abbreviations, used in prescriptions, with explanatory notes: the grammatical construction of prescriptions ... to which is added a key, containing the prescriptions in an unabbreviated form, with a literal translation,: for the use of medical and pharmaceutical students / by .lonathan Pereira.

#### **Contributors**

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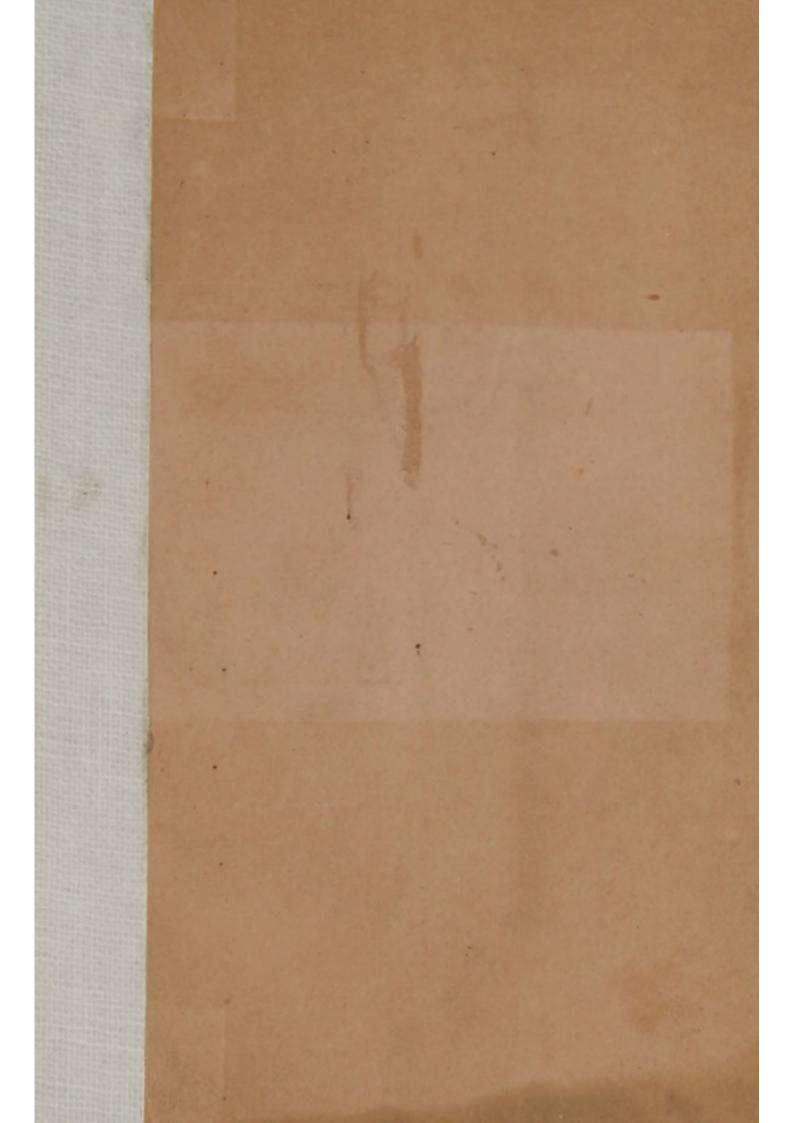


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## PHYSICIANS'

# PRESCRIPTION BOOK:

CONTAINING

LISTS OF THE TERMS, PHRASES, CONTRACTIONS, AND ABBREVIATIONS, USED IN PRESCRIPTIONS, WITH EXPLANATORY NOTES;
THE GRAMMATICAL CONSTRUCTION OF PRESCRIPTIONS; RULES
FOR THE PRONUNCIATION OF PHARMACEUTICAL TERMS; A
PROSODIACAL VOCABULARY OF THE NAMES OF DRUGS,
ETC.; AND A SERIES OF ABBREVIATED PRESCRIPTIONS
ILLUSTRATING THE USE OF THE PRECEDING TERMS.

TO WHICH IS ADDED

PRESCRIPTIONS IN AN UNABBREVIATED FORM, FICE WITH A

LITERAL TRANSLATION 9 1899

For the Use of Medical and Pharmaceutical Students.

JONATHAN PEREIRA, M.D., F.R.S.

FOURTEENTH EDITION.

PHILADELPHIA:
LINDSAY AND BLAKISTON.
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## PREFACE

TO

### THE FOURTEENTH EDITION.

In the preparation of the edition of this work which is now presented to the public, the matter has been carefully revised, and such alterations and additions made as were found to be required for the continued fulfillment of its original objects. By the publication of the British Pharmacopæia certain changes have been effected, especially with reference to weights and measures and the names of medicines, and these and some other similar changes it was necessary to notice. The object, however, of this little work is not merely to represent the prevailing mode of prescribing medicines according to the instructions of Pharmacopæias which continue in authority, but to explain and

illustrate the use of terms which are commonly used or may be occasionally met with in extemporaneous prescriptions, and a knowledge of which is required alike by medical and pharmaceutical students. The prescriptions contained in the second and third parts of the work are intended to represent such as are met with in practice, and in which old as well as modern names and other terms are employed.

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## PART I.

### GENERAL REMARKS ON PRESCRIPTIONS.

### CHAPTER I.

#### DEFINITIONS.

In medicine the term prescription (præscriptio, from præ before, and scribo I write; ordonnance, French; Verordnung, German;  $\dot{a}va\gamma\rho a\phi\dot{\gamma}^*$ ) is usually applied to the written directions of a physician or surgeon for the preparation and use of remedies.

The terms formula (the diminutive of forma, a form; formule, French; Vorschrift, Formel, German) and receipt (recepta; † recette, French; Recept, German), or recipe (from recipe, take thou), have a more limited acceptation, and are applied to the directions given for the preparation and use of pharmaceutical remedies or medicines.

A physician prescribes blood-letting, bathing,

<sup>\*</sup> Fæsius, Œconomia Hippocratis.

<sup>†</sup> Recepta is a barbarous term. Dufresne also mentions, as a synonymous, though still more barbarous word, recetta.

exercise, &c., as well as medicines; but he uses formulæ for the preparation of medicines only.

Formulæ are of two kinds,—extemporaneous or magistral, and officinal. Extemporaneous formulæ (formulæ magistrales) are so called because they are constructed by the practitioner on the instant, "ex tempore." Officinal formulæ (formulæ officinales) are those published in pharmacopæias, or by some other authority.\* Officinal preparations are presumed to be kept ready for use.

Formulæ are either simple or compound. A simple formula (formula simplex) consists of only one officinal (either simple or compound) preparation. A compound formula (formula composita) consists of two or more officinal preparations.

The principal medicine in a formula is called the (1) basis; that which promotes or assists the action of the basis is termed the (2) auxiliary (adjuvans); that which corrects some objectionable quality of the other ingredients is named the (3) corrective (corrigens); and lastly, that which gives a proper form to the whole is denominated the (4) vehicle (constituens, excipiens, vel vehicula). These four parts of a formula are intended to accomplish the object of Asclepiades—"curare cito, tuto et jucunde;"

<sup>\*</sup> In France, the term ordonnance is applied to a magistral formula, and the term formule to an officinal one.

in other words, to enable the basis to cure (1), quickly (2), safely (3), and pleasantly (4).

### CHAPTER II.

#### HISTORICAL NOTICE.

The most ancient recipes on record are those mentioned in the Pentateuch for the preparation of an odoriferous ointment and confection.\* Their date is 1491 years B.C.

About 2,000 years ago, formulæ for the preparation of antidotes (ἀντίδοτα, antidota) or counterpoisons (antitoxica) were in use among the Greeks.†

Scribonius Largus, a Roman physician, who lived about the middle of the first century after Christ, wrote a work entitled Compositiones Medicæ, which contains nearly 300 medical formulæ taken from various authors. It is the oldest pharmacopæia extant; but its style is inelegant.

<sup>\*</sup> Exodus xxx. 23-25 and 34-35.

<sup>†</sup> Antidotes against the bite of poisonous animals were called treacles (θηριακά, theriaca); while those which acted against poisons taken inwardly were termed alexipharmics (ἀλεξιφάρμακα, alexipharmaca). The most celebrated antidote of antiquity was that called mithridate (μιθριδάτειον, mithridatum), after Mithridates VI, King of Pontus (about B.C. 132–63). It was modified by Andromachus, physician to Nero (A.D. 54–68), and was then termed theriaca Andromachi. Nicander (who flourished B C. 185 or 135) wrote two poems about poisons; one called Θηριακά, the other termed ᾿Αλεξιφάρμακα.

Galen, who lived A.D. 130—200 or 201, wrote two treatises On the composition of medicines, Περὶ Συνθέσεως Φαρμάκων, containing a considerable number of formulæ for the preparation of compound medicines.

Sabur, the son of Sahel (Sábúr Ibn Sahel), the director of the medical school of Iondísábúr (Nishapoor), is said to have published in the ninth century A.D., the first Arabic dispensatory or Karábádín, but which is not now extant.

The first official British pharmacopœia was that published by the Royal College of Physicians of London, A.D., 1618. It was entitled *Pharmacopæia Londinensis*, in qua Medicamenta antiqua et nova usitatissima collecta, opera Medicorum Collegii Londinensis, Lond., 1618. The last edition was published in 1851. It is now superseded, as also are the Edinburgh and Dublin Pharmacopæias, by the British Pharmacopæia of 1864.

### CHAPTER III.

OF THE PARTS OF A PRESCRIPTION.\*

The parts of a prescription or formula are the heading, the designation of the ingredients to be

<sup>\*</sup> For further details on the subject of this chapter, the reader is referred to H. D. Gaubii Libellus de Methodo concinnandi

used, the directions to the compounder, and the directions to the patient. At the bottom of the prescription are placed, on the left hand, the name of the patient and the date (in separate lines); and, on the right hand, the signature of the prescriber.

In ancient times every prescription or formula had, at its commencement, certain characters, abbreviations, or sentences of a superstitious or pious nature: such as + (the sign of the cross); a and a (the first and last letters of the Greek alphabet, Christ being designated the "Alpha and Omega, the beginning and the ending," Rev. i. 8); C. D. (cum Deo); J. D. (juvante Deo); L. D. (laus Deo); N. D. (nomine Dei); J. J. (juvante Jesu), &c. These constituted the invocation or, as it was called, the inscription (inscriptio).

1. The heading (præpositio).—The symbol R, or abbreviated word Rec. (Recipe, take thou), usually commences every formula;\* but in French prescriptions the letter P., or the word Prenez (take thou), is generally substituted.

Formulas Medicamentorum, Lugd. Batav., 1739; ed. 3tia, 1767. An English translation of this work was published under the title of A Complete Extemporaneous Dispensatory; or, the Method of Prescribing, Compounding, and Exhibiting Extemporaneous Medicines, 2d ed., 1742. See also Paris's Pharmacologia, 9th ed., 1843; and Phæbus's Handbuch der Arzneiverordnungslehre, 3tte Ausg. 1830.

<sup>\*</sup> For some remarks on this symbol, see the chapter on Symbols.

- 2. Designation of the ingredients to be employed (materiæ designatio).—Two points are worthy of consideration here: firstly, the order in which the ingredients are to be taken; and secondly, the mode of writing them.
- a. With respect to the order in which the ingredients are taken, it may be observed that
  - 1. Each ingredient should have a distinct line.
  - 2. The basis should be placed first, then the auxiliary, afterwards the corrective, and lastly the vehicle.
- $\beta$ . With respect to the mode of writing, the following points should be kept in view:
  - 1. The writing should be plain and legible.
  - 2. The orthography should be that which is customary, "to avoid the sneering of an apothecary or his man" (Gaubius).
  - 3. Abbreviations, though admissible, must be cautiously used, to avoid the possibility of error.
  - 4. Symbols or signs must be carefully made.
  - 5. The ingredients should be designated by their Latin names. (In some cases the barbarous Latin name is to be preferred to the scientific Latin name, when there is a possibility of mistake on the part of the compounder.)

- 6. The quantities indicated should be expressed, if by weight, in Troy grains and avoirdupois ounces and pounds; if by measure, in minims, fluid-drachms, fluid-ounces, and pints, as now used in the British Pharmacopœia. The numbers are now recommended to be stated in Arabic numerals.
- 3. The directions to the compounder.—The directions to the apothecary or compounder as to the form, manner of preparation, and method of use, constitute what Gaubius calls the subscription (subscriptio). They are always written in Latin: for example, "misce; fiat bolus."
- 4. The directions to the patient.—These constitute what Gaubius terms the signature (signatura). This part of the prescription declares the dose, method, and time of administration; the proper vehicle, regimen, &c.,—as far, at least, as relates to the sick patient and his attendants. It is sometimes preceded by the letter S., or the word Signetur (i. e. "let it be entitled").

This part of the prescription is sometimes written in English (see p. 9).

5. The patient's name.—This is always written in English.

6. The date.—This is written in Latin. The day

of the month is generally put in Roman numerals, and the year of the Christian era frequently in common or Arabic figures: e. g. "Novembris IV". 1850."

7. The sign-manual or signature.—Physicians usually sign their initials\* only to a prescription, except when they prescribe for members of the royal family, when it is etiquette for them to sign their names in full. Surgeons usually put their surname at length, but only the initials of their baptismal name.

## CHAPTER IV.

LANGUAGE USED IN PRESCRIPTIONS.

In Great Britain, as well as in Germany,† prescriptions are usually written in the Latin language.

† See Phæbus's Handbuch der Arzneiverordnungslehre, 3tte

verbess., Ausg. ler Th. S. 99.

<sup>\*</sup> By the Apothecaries' Act of 1815, it is enacted that any person using or exercising the art and mystery of an apothecary shall refuse to compound, or deliberately or negligently, falsely, unfaithfully, fraudulently, or unduly make any medicines, compound medicines, or medicinable compositions "directed by any prescription, order, or receipt, signed with the initials, in his own handwriting," of any physician licensed to practice physic by the President and commonalty of the Faculty of Physic in London, or by either of the two Universities of Oxford or Cambridge, such persons shall forfeit for the first offence £5, for the second offence £10, and for the third offence shall forfeit his certificate or license to practise as an apothecary!

In France, and some other countries, the mother tongue is employed.

There are several reasons for preferring the Latin to the vernacular language in prescriptions,—at least, for the designation of the ingredients to be employed, and for the directions to the compounder.

"If not spoken, it is written and understood throughout the civilized world; and that cannot be said of any other language. An invalid traveling through many parts of Europe might die before a prescription written in English could be interpreted."\* Moreover, Latin professional terms are concise and definite. Furthermore, the Latin names for drugs and chemicals are the same, or nearly so all over Europe; whereas the vernacular names differ for each nation,—nay, sometimes for each province. Lastly, it is sometimes necessary or advisable to conceal from a patient the precise nature of the remedies which are employed.

These reasons, however, do not equally apply to the use of the Latin language for writing the directions to the patient; for as these are intended for the use of the patient or his attendant, and as, sooner or later, he must have them in English, there does not appear any advantage to be gained

<sup>\*</sup> Paris's Pharmacologia, 9th ed., p. 105, 1843.

in practising a temporary concealment by writing them in a dead language. On the contrary, there are several weighty objections to this practice,such as the embarrassment which some prescribers\* feel in giving in good and intelligible Latin the requisite directions for the patient; the imperfect or limited acquaintance with the Latin language possessed by many dispensers or compounders of medicines; and lastly, the difficulty, and in some cases impossibility, of finding concise and intelligible English words which are the exact equivalents of many Latin professional terms† not unfrequently used in prescriptions. By throwing on the compounder the responsibility of expressing in appropriate language, and in the brief compass of a label, the exact intentions of the prescriber, in a language which the latter did not use, we greatly augment the risk of errors and mistakes ‡

In writing Latin prescriptions, the student should

to write in Latin the directions to the patient.

† On this subject, see some pertinent observations by Mr. Dono-

van, in the London Medical Gazette for Sept. 1, 1848.

<sup>\*</sup> I once heard an eminent hospital surgeon confess his inability

<sup>†</sup> For example, larynx, fauces internæ, fauces externæ, jugulum, abdomen, hypogastrium, hypochondrium, pervigilium, accessio or accessus, &c. Many Latin terms in frequent use are vague and ambiguous; as pro re nata, urgente dolore, urgente tussi, &c. The apothecary of Her Majesty Queen Charlotte, consort of George III, was on one occasion much embarrassed how to translate into intelligible and decent English the phrase "urgente borborygmo," which occurred in a prescription written by the late Sir Francis Millman.

est and almost only authority in every thing relating to medical Latinity:" for no physician would think of writing a prescription in English terms derived from Shakspeare, Milton; Johnson, Scott, or Byron; nor a prescription in Latin terms drawn from the works of Roman poets or historians. The correct use of medical terms can only be obtained in the works of standard medical authors.

All the Medical Colleges formerly published their pharmacopæias in the Latin language. But the French Codex,\* and the American,† Greek,‡ Edinburgh,& and Dublin|| pharmacopæias have for many years been printed in the vernacular language, and the British Pharmacopæia, which has superseded the two last named, is published in English.

There is an obvious advantage to the natives of a country in having a pharmacopæia in their mother

† The Pharmacopæia of the United States of America. By authority of the National Medical Convention held at Washington. 8vo.

<sup>\*</sup> Codex Pharmacopée Française rédigée par ordre du Gouvernement par une Commission composée de MM. les Professeurs de la Faculté de Médecine et de l'Ecole spéciale de Pharmacie de Paris. Paris, 1837. 8vo.

<sup>‡</sup> Ἑλληνικη Φαρμακοποιΐα. Ἐν ᾿Αθηνις, 1837. Pharmacopæa Græca. Athenis, 1837.

<sup>§</sup> The Pharmacopæia of the Royal College of Physicians of

Edinburgh. Edinburgh, 1841. 12mo || The Pharmacopæia of the King and Queen's College of Physicians in Ireland, M.D CCC.L.

tongue; but, for the use of foreigners, the Latin language would be more convenient. Hence, in some countries, as Greece, the pharmacopæia is published both in Latin and the vernacular language. In the *Pharmacopæia of the United States of America* for 1831, this plan was adopted; but in the edition of this work published in 1842, and in subsequent editions, the English language has been exclusively employed.

### CHAPTER V.

TERMS AND PHRASES EMPLOYED IN PRESCRIPTIONS.

Sect. 1.—De sanguinis mis- Of General Bloodsione\* generali.† letting.

<sup>1</sup>Sanguis, Cels. <sup>2</sup>Cruor‡ Cels. <sup>1</sup>Blood (in the ves-<sup>3</sup>Grumus. <sup>2</sup>Gore

\* On the chronology and literature of blood-letting, consult Versuch einer Chronologie und Literatur nebst einem System der Blutentziehungen. Aus den vorzüglichsten Werken geschopft von Dr. Carl Fried Nopitsch. Nurnberg, 1833.

† Occasionally the word cruor is met with in prescriptions instead of sanguis. These two terms agree in denoting blood, but differ in respect to the state in which that fluid is. The first refers to it as circulating through the veins, and ministering to the ex-

<sup>†</sup> The propriety of this and all similar words as applied to bloodletting, notwithstanding the opinion of Dr. Gregory, that "Sanguinis missio non inepte vocatur generalis," when it is intended that its effects should be general, I must consider to be very questionable. They seem to signify that a man is to be pricked all over, for the purpose of drawing blood from him, rather than anything relative to the effects of bleeding —Horæ Subsecivæ.

(blood from wound or ulcer). <sup>3</sup>Grume (a clot, as of blood.)

Sanguinis missio, detractio, Blood-letting. CELS.\*

Sanguinem<sup>1</sup> mittere, <sup>2</sup>detra- To let blood (<sup>1</sup>to here, 3extrahere, Cels.; let or send, 2de-<sup>4</sup>emittere, Pliny;—<sup>5</sup>elicere, tract or abstract, CIC.

Sanguinem amittere, perdere. To lose blood. Sanguinem supprimere, Cel- To staunch or stop sus;-sistere, cohibere, PLINY. blood. To sup-

Sanguinem incisa vena mittere, To let blood by an CELS. Phlebotomia,† phlebotomice, Phlebotomy.-

3extract, 4let out or emit, 5to elicit or draw out).

press hæmorrhage.

incised vein.

istence of animal life. It is applied also to that which is allowed to flow by a surgical operation. Cruor differs from sanguis in never denoting blood confined and circulating in the veins, but such as is shed, and no longer subservient to the support of animal life; in other words gore. The same fluid which, in coming from the vein, is called sanguis (blood), is afterwards denominated cruor (gore).

Thus Celsus applies the word cruor to the blood discharged from the bowels in dysentery, from the kidneys in injuries of these glands, from ulcers in the ears, &c.

\* De re medica, lib. ii. cap. 10.

† Φλεβοτομία from Φλεβός, the genitive case of Φλέψ, a vein, and τέμνω, I cut. The student will observe that Celsus never employs the term phlebotomia, nor any of its derivatives. Cicero has "incidere venam, quod medici phlebotomare dicunt."-Phlebotomy was first practised by Podalirius, B.C.1184. (Le Clerc, Hist de la Méd. liv. i. ch. 18.) The operation is said to have been learned from the hippopotamus. "For he finding himself overgrosse and fat, by reason of his high feeding so continually, getAurel.—2Venæsectio; venæ incisio.

¹Phlebotomiam adhibere; ²Phle- ¹To use phlebotobotomare, Aurel.

'Venam incidere, CELS. ;— 'To cut into a vein ; <sup>2</sup>pertundre, Juv.;—<sup>3</sup>ferire, Virg.;— secare.— <sup>4</sup>Venam cultello solvere, Cic.—5Venas sanguine exonerare.

<sup>1</sup>Sanguinem, incisa arteria, mit- <sup>1</sup>To let blood by an tere, Cels.—2Arteriotomia.\* <sup>3</sup>Fiat sectio arteriæ temporalis.

<sup>1</sup>Sanguinem mittere ex bra- <sup>1</sup>To take blood from chio, - 2 juxta talum, ex the arm, -2 from

<sup>2</sup>Venesection.

my; 2to phlebotomize.

2to perforate a vein;-3to wound or cut a vein .-<sup>4</sup>To open a vein by a knife.—5To unload the veins of blood.

incised artery .-<sup>2</sup>Arteriotomy. — <sup>3</sup>Let the section of the temporal artery be made.

ting forth of the water to the shore, having espied afore where the reeds and rushes have been newly cut; and where he seeth the sharpest cane and best pointed, hee setteth his body hard to it, for to prick a certaine veine in one of his legges, and thus by letting himselfe bloud, maketh evacuation, whereby his bodie, otherwise enclining to diseases and maladies, is well eased of the superfluous humor: and when he hath thus done, he stoppeth the orifice again with mud, and so stancheth the bloud, and healeth up the wound." (Pliny, The Historie of the World. Translated by P. Holland, M.D. Book viii. ch. 26.)

\* From ἀρτηρία, an artery, and τέμνω, l cut. The ancients did not understand the use of the arteries and veins. Cicero says,-"Sanguis per venas in omne corpus diffunditur, et spiritus per arterias" Aretæus, who lived in the first century after Christ, is the earliest surgeon known to have practised this operation. Celsus (lib. ii. cap. 10) speaks of "arteria incisa" as an accident

which may attend the operation of phlebotomy.

utroque crure, CELS.\*

<sup>1</sup>Si vires ægri patiuntur; <sup>2</sup>si <sup>1</sup>If the patient's vires sinunt, Cels.—<sup>3</sup>Permit-strength allows tentibus viribis, Aurel. it:—<sup>2</sup>if the

both legs near the ankle.

If the patient's strength allows it; — 2 if the strength suffers it.—3 The strength permitting.

Defectio animi, Cels.; Lei- A fainting fit or pothymia; † deliquium animi. swoon.

Syncope.‡

\* Phlebotomy is practised in various parts of the body; as,—
1st. In the arm: this is the part usually selected for the operation of phlebotomy. At the bend of the arm there are four veins;
the Vena basilica, V. cephalica, V. basilica mediana, and V. cephalica mediana, any one of which may be opened; one of the
two latter, however, is commonly selected. In the forearm, where
the operation is occasionally performed, there are three veins; the
V. mediana major, the V. cubitalis interna, and the V. radialis
externa, any one of which may be opened.

2dly. In the hand: occasionally, in fat subjects, this part is chosen. The operation may be performed in the V. salvatella (salvatella quasi salvator being opened as a sovereign remedy in melancholia), running from the little finger, or in the V. cephalica

pollicis.

3dly. In the foot: in France, the operation is very frequently performed in this part; it may be done in the V. saphena (or sæphena) externa (or s. minor), or in the V. saphena interna (or s. major).

4thly. In the neck: it may be done in the V. jugularis externa. 5thly. In the penis: it may be done in the V. dorsalis penis.

And-

6thly. In the tongue: in the V. ranina. This locality is now

rarely selected.

† Leipothymia (Λειποθυμία, from λείπω, deficio, I leave: and θυμός, animus, the mind) is considered by Cælius Aurelianus (Acut. Morb. lib. i. cap. 10) to be synonymous with defectio animi. Syncope is a more violent and dangerous form of this affection (vide Castelli, Lexicon Medicum). "The leipothymia of Sauvages," says Dr. M. Good, "is only syncope in its first attack or mildest degree"

‡ Syncope (συγκοπή; from συγκόπτω, concido, to fell or cut

16 TERMS AND PHRASES USED IN PRESCRIPTIONS.

Usque ad animi defectum, Until fainting. AUREL. Usque ut liquerit animus.

Semperque ante finis faciendus An end is always est, quam anima deficit, to be put to it CELS.

before fainting occurs.

<sup>1</sup>Collocare in lecto,—<sup>2</sup>ut dor- <sup>1</sup>To put to bed, miat,—3supinus,\* Cels.:— 2that the patient 4erectus.†

may go to sleep, -3supine (i. e. laid on the back), -4erect.

Bene largo canali, Cels. In a full stream. Pleno rivo. 2-2Ex largo vul- 2From a large nere.

wound [i. e. incision or orifice.

Scalpellus, || Cels. Phlebo- A scalpel or lancet;

down) is of the feminine gender, and is thus declined: N. Syncope, G. Syncopes, D. Syncope, Acc. Syncopen, V. Syncope, Abl. Syncope.

\* Patients are bled, while in the recumbent posture, to avoid syncope. The practice of bleeding them to fainting in this posture, as recommended by Mr. Wardrop, is highly dangerous.

† Dr. Marshall Hall (Introd. Lect. to a Course of Lectures on the Practice of Physic, p. 36) employs blood-letting as a source of diagnosis. He places the patient upright and looking upwards, and bleeds to incipient syncope; "in inflammation, much blood flows; in irritation, very little."

† This phrase is applied by Celsus (lib. i. cap. 4) to a stream of

water.

§ Rivus is usually translated "a river;" but it means literally "a stream," e.g. "sanguinis rivus," "a stream of blood." Pliny (Hist. Nat. lib. xi. cap. 88, ed. Valp.) calls the veins "sanguinis rivi." Virgil (Æn. lib. ix. v. 455) has "plenos spumanti sanguine rivos."

|| Celsus (lib. ii. cap. 10) employs the word scalpellus to designate the instrument used in phlebotomizing: "At si timide scalpellus demittitur, summam cutem lacerat, neque venam incidit."

tomum vel phlebotomon,\* an instrument to Aurel.—Lanceola; lancetta. let blood with. <sup>1</sup>Fascia;—<sup>2</sup>fascia lintea, Cels.

Ligatura.

Penicillum (vel. penicillus), A tent or pledget. Cels.—2Deligandumque brachium superimposito expresso ex aquâ frigidâ penicillo,† CELS.

Incidatur vena sic ut ne san- Let a vein be cut guis effluens lambatt cutem, verum rectè liberèque prosiliat.

<sup>1</sup>A fillet, roller, or bandage;—2a linen bandage.

A ligature.

-2The arm is to be bound up, and a pledget wrung out of cold water placed on it.

into, so that the blood which flows out may not trickle (or flow) down the skin, but gush out directly and freely.

Scultetus (Armamentarium Chirurgicum, p. 49, Lugd. Batavorum, 1693) describes the lancet thus: "Scalpellus rectus est et ex utraque incidens lanceola dictus."

\* Phlebotomum (φλεβοτόμον, the neuter singular of φλεβοτόμος, adj. venam incidens, that opens a vein) includes both the phleme

used in veterinary surgery, and the lancet.

† In this sentence Celsus (lib. ii. cap. 10) obviously uses the word penicillus to signify a pledget; but on some occesions he employs it to indicate a tent introduced into a wound to keep it open, as in the following: "Exigua penicilla interponenda" lib. vii. cap 7).

‡ Lambere signifies to lap, to lick as a dog does; and, figuratively, to run or flow gently by, as in the following from Horace

(i. carm. xxii. 7):

- vel quæ loca fabulosus

Lambit Hydaspes, "or the countries through which the fabulous Hydaspes glides [or flows gently]." 2\*

Ad 3 --- tantum, --- saltem.\* To-ounces only, \_\_\_ at least.

Sect. 2.—De sanguinis mis- Of Local Bloodsione locali. letting.

Cucurbitula, † CELS.; -2Cucur- 1A cucurbital or bita, Aurel. Cucurbita ventosa, Juv. † Cucurbita medicinalis, PLINY.

Cucurbitula sine ferro, & CELS. The cucurbital Cucurbitæ leves, | Aurel. — (cupping-glass) Cucurbitula sine scarificatione, -cucurbita sicca.

<sup>1</sup>Cucurbitæ cum scarificatione, <sup>1</sup>The cucurbits [i.e. Aurel. 2Cucurbitula cru- cupping-glasses] enta; 3cucurbitula cum ferro.

cupping-glass;-<sup>2</sup>a cucurbit or cupping-glass.

without the scarificator (i. e. dry cupping, or cupping without scarification).

with scarifica-

\* The student should be careful not to confound saltem (at least) with saltim or per saltum (by leaps).

† Cucurbitula, a cucurbital or cupping-glass, is a diminutive of cucurbita, a gourd, and was so called on account of its shape. Cucurbita is also employed to indicate the cucurbit used in cupping. The term cucurbitulæ is applied to small cucurbits (i.e. cucurbitals). These vessels were formerly made of brass (or copper) and of horn (Celsus, lib. ii. cap. 11), and to these it is obvious the term cupping-glass is not applicable. Hippocrates employed cupping.

# Cucurbita ventosa (literally, the windy cucurbit), or simply ventosa, without the adjunct, is a term used by some writers to indicate the cupping-glass generally. Others (e. g. Castelli, in his Lexicon Medicum) limit it to the dry cupping-glass.

§ Ferrum signifies iron, and also any instrument made of

iron, as the cupping scarificator.

|| Cucurbitæ leves, literally the light, gentle, or mild cucurbits. "Infigimus præterea cucurbitas leves, quas Græci κοῦφας vocant, scilicet sine scarificatione" (Cæl. Aurel. Acut. Morb., lib. iii. cap. 21, p. 258, Amstel., 1722).

Cucurbitæ arentes atque sic- Parched and dried catæ, \* Aurel.

Cucurbitulas ¹admovere, ²ac- To apply cuppingcommodare, 3adhibere, 4defigere, Cels.; -5infigere, 6apponere, 7affigere, Aurel.; 8imponere; 9applicare. †

tion; 2the bloody cupping - glass ; 3the cuppingglass with the scarificator.

cupping-glasses, (cupping-glasses affixed by means of flame as distinguished from those affixed by means of hot water).

glasses (1to move to, 2to put to or to adapt, 3 to have near or to make use of, 4to fix or fasten on, 5to fix

\* Arentes et siccas cucurbitulas dicit, quæ admoventur cum flamma. Interdum enim cum aqua calida apponebatur, quemadmodum scripsit Albucasis cap. De usu cucurbitularum." (Cæl. Aurel. ed supra, cit. p. 31, foot-note by Dr. J. C. Amman.)

<sup>+</sup> Applicare (plicare ad), to lay one thing to or near another. Admovere (movere ad), to move towards, to approach. Applicare scalas muris, Liv., to set ladders against the walls. Admovere would only signify to bring them near the walls (Dumesnil). Dr. Fletcher, in his Horæ Subsecivæ, says "the word applicare, to signify the external use of medicines, should be altogether banished; it is always improper." It certainly is not employed in this sense by classical medical authors. Pliny (lib. xxx. cap. 21, ed. Valp.) uses the verb applico to signify the application of whelps to the stomach. "Si catuli, priusquam videant, applicentur triduo stomacho maxime ac pectori," &c. "If whelps, before they can see, be applied to the stomach, and especially to the breast, for three days," &c.

Cucurbatio, AUREL.

Cucurbitare.

Cucurbitulas accommodare, [vel concisa], cute incisâ CELS.

Infra præcordia quatuor digi- The cupping-glass tis cucurbitula utendum est, CELS.

Si vero etiam vehementius dolor But if yet [or notcrevit, admovendæ cervicibus cucurbitulæ sunt, sic ut cutis incidatur, CELS.

Confugiendumque ad cucurbi- And recourse must tulas est ante summa cute incisa, Cels.

Si dolor discussa non est qua If the pain is not dolet, cucurbitulas sine ferro defigere, CELS.

or fasten in, 6to put or set to, 7to fix upon, to affix, 8to put or lay on, 9to apply).

Cupping. To cup.

To apply cuppingglasses, the skin

being cut.

is to be used four fingers below the præcordia.

withstanding] the pain has grown for become more intense, cuppingglasses are to be applied to the neck, so that the skin may be cut.

be had to the cupping-glasses, the skin being previously cut.

removed, to apply the cuppingglasses without the scarificator (i. e. to use dry

Cucurbitula quoque rectè sub- A cupping-glass is mento et circa fauces admovetur, ut id, quod strangulat, evocet, CELS.

Explicita scarificatione, rursum Scarification havcucurbitas imponimus, ut sanguinis detractio fiat, Au-REL.

Hirudo, PLINY; sanguisuga,\* A leech or blood-CELS.

cupping) to the part affected.

also properly applied below the chin and about the fauces, that it may draw out that which suffocates.

ing been effected, we again apply cupping-glasses, that the drawing away of blood may be accomplished.

sucker.

<sup>\*</sup> Themison, the founder of the Methodic Sect, and who lived A D. 63, is the earliest writer in whose works we find mention of the leech as a therapeutic agent. The Greeks called it βδέλλα, from βδάλλω, to suck. The Romans termed it sanguisuga (i. e. bloodsucker) or hirudo. Celsus (lib. v. cap. 27) mentions the animal once only, and then calls it sanguisuga. Pliny (Hist. Nat. viii. 10, ed. Valp.) speaking of elephants, says-" Cruciatum in potu maximum sentiunt, haustu hirudine, quam sanguisugam vulgo cœpisse appellari adverto." "They [i. e. elephants] experience great agony from swallowing, in the act of drinking, a leech (hirudo), which I observe has begun to be commonly termed a bloodsucker (sanguisuga)." Several sorts of leeches are sold in the shops for medicinal use. The most esteemed is that called the true English or speckled leech, whose belly is spotted with black. A less esteemed sort is the green leech, whose belly is usually unspotted. These two sorts are, by some naturalists, considered to be distinct species; the former being termed Sanguisuga (or Hirudo) medicinalis; and the latter, Sanguisuga (or Hirudo) officinalis. But Moxuin-Tandon (Monographie de

Sanguisugium, Callisen.\*

Hirudines apponere, Aurel.; To apply leeches. admovere, accommodare, adhibere, defigere, affigere, imponere [see Cucurbitula, p. 18].

<sup>1</sup>Levibus plagis†incidere, Cels., <sup>1</sup>To make supersecare.—2Scarificare, Aurel.

Si per hæc parum proficitur, If from these ultimum est, incidere satis altis plagis sub ipsis maxillis supra collum, et in pallato circa uvam, vel eas venas quæ sub lingua sunt; ut per ea vulnera morbus erumpat, CELS.

Sanguisuction or leeching. extraction blood from cutaneous vessels by the suction of leeches.)

ficial incisions, 2 to scarify.

things but little good arise, the last [remedy] is to make sufficiently deep incisions under the jaws above the neck, and in the palate about the

la famille des Hirudinées, 1846) regards them as varieties of the

same species, which he calls Hirudo medicinalis.

\* Systema Chirurgiæ Hodiernæ, p. 100, Hafn. 1815. † Plaga is used by Celsus to signify an incision.

The Hamopis sanguisuga, Moq -Tand., or horse-leech, was formerly dreaded on account of the supposed dangerous wounds which it was said to make; but it appears from the reports of MM. Huzard fils and Pelletier, confirmed by those of M. Moquin-Tandon, that though it sucks the blood, and punctures the mucous membranes it cannot perforate the skin of vertebrate animals. Leeches belong to the Articulata of Cuvier, class Annelida, order Abranchidea of the same naturalist.

Ferrum\* Cels. Scarificatorium A scarificator (it is (est vel simplex, seu unus cultellus, i. e. lanceola chirurgica; vel compositum e pluribus cultellis capsula comprehensis constans, i.e. machina scarificatoria).

Partem morsam excidere.

Sect. 3.—De dentium evul- Of the Extraction, sione, &c.

Dolor dentium, CELS. Odon- Toothache. talgia.

Dentes 'eximere, 'evellere, 'ex- To extract ('to take cipere, Cels.; 4extrahere, 5ex- out of; 2to pluck pellere.

Dentium evulsio, &c.

uvula, or into those veins which are beneath the tongue; that the disease may discharge by these wounds.

either simple, consisting of one cutting instrument, as the common lancet; or compound, containing many cutters in one case, as the cupping scarificator).

To cut out the bitten part.

&c., of Teeth.

out; 3to take out; 4to draw out; 5to expel) teeth.

The extraction of teeth (toothdrawing).

<sup>\*</sup> See foot-note \*, at p. 18.

Gingivas incidere, Cels.; 2gin- To cut into the givas levibus plagis secare.

Si [dens] exesus est, foramen vel linamento, vel bene accommodato plumbo [vel auro] replendum est, CELS.

Si vero exesus est dens, festi- If the tooth be denare ad eximendum eum, nisi res coëgit, non est necesse, CELS.

Instrumenta dentaria.

Clavis dentaria [anglicana].

Dentiducum, Aurel. Dentar- An instrument for paga, 'Οδοντάγρα.

Forfex, CELS.

<sup>1</sup>Forceps dentaria communis; <sup>1</sup>Common tooth <sup>2</sup>forceps ad dentes expellendos; 3forceps cum rostro corvino (vel 4rostro psittacino, vel 5 rostro vulturino, vel 6 ros-

gums; 2to make superficial incisions in the gums (i. e. to lance the gums).

If the tooth be decayed, the cavity is to be filled up either with lint, or lead well adapted to it [or with gold].

cayed, it is not necessary to be hasty in extracting it, unless circumstances demand it.

Teeth instruments (i.e. instruments for operation on the teeth).

The [English] tooth-key instrument.

drawing teeth.

Forceps. forceps; 2forceps for drawing teeth; 3crow'sbill forceps (or tro gruino), Scultetus.

<sup>4</sup>parrot's-bill, or 5 vulture's-bill, or 6crane's-bill forceps).

'Vectis; 'vectis trifidus, Scult. 'The lever; 'the

trifid lever.

Dentiscalpium, MARTIAL; A toothpick, MAR-SCULT.

TIAL; also, a gum - lancet, SCULT.

Sect. 4.—De emplastris, &c. Of Plasters, &c.

Emplastrum,\* CELS. Emplastrum fiat.

A plaster. Let a plaster be made.

Emplastrum imponere, adhi- To apply a plaster. bere, injicere, Cels.; apponere, Aurel.; admovere, applicare.

Superponi emplastris, PLINY. To be applied on

plasters.

<sup>1</sup>Aluta. <sup>2</sup>Linteum; linteolum. <sup>1</sup>Leather. <sup>2</sup>Linen; <sup>3</sup>Linteum carptum; linament- a small piece of <sup>4</sup>Stupa. <sup>5</sup>Gossypium. linen. <sup>3</sup>Scraped um. <sup>6</sup>Pannum; <sup>7</sup>pannum linteum; linen; lint.

† See note \*, p. 19.

<sup>\*</sup> Celsus (lib. v. cap. 17) points out the circumstances which distinguish emplastra from malagmata and pastilli (called by the Greeks τροχίσκους). Malagmata were soft vegetable compounds, analogous to our cataplasms, applied to the unbroken skin. Pastilli and emplastra contained some metallic ingredient, and were applied to wounds. The former (pastilli) consisted of dry substances united by some non-oleaginous liquid, and were used either by friction or with some soft ingredient. The latter (emplastra) contained fusible ingredients, and were simply applied to the part.

<sup>8</sup>pannum cannabinum; <sup>9</sup>pannum gossypinum; 10 pannum laneum. 11 Sericum; taffeta.

<sup>4</sup>Tow. <sup>5</sup>Cotton. 6Cloth; 7linen cloth; 8hempen cloth; 9cotton cloth; 10woolen "Silk; cloth. taffeta (a fine, smooth, glossy, silky tissue).

To spread a plas-

ter.

leather.

on a small piece of linen is to be put over [it].

size.

paper; 2of a halfcrown piece.

To renew the plas-

ter.

Emplastrum illinere.

In alutam extendendum indu- To be spread upon cendum.

Emplastrum in linteolo super- A plaster [spread] imponendum, CELS.

Emplastrum ad exemplar (vel A plaster to patad normam); \* 2hujus magni- tern; 2of this tudinis.

Magnitudo hujus chartæ; The size of this 2semi-coronæ nummi.

Pollex latus; pollicaris latitudo. A thumb's breadth Renovere emplastrum.

Emplastra ad extrahendum, Plasters for draw-Cels.; epispastica ( $\hat{\epsilon}\pi\iota$ - ing; epispastics. σπαστικά).†

\* Ad normam, according to law, custom, or pattern.

<sup>† &</sup>quot;What the ancients called epispastica were such external applications as only reddened the skin, and, according to the different degree of effect, received different names; the slightest were called phænigmoi, the next sinapismi, the more active vesicatorii, and the strongest caustici."-Parr. Med. Dict.

<sup>1</sup>Vesicatorium.—<sup>2</sup>Tela vesica- <sup>1</sup>A vesicatory or toria;\* <sup>3</sup>sericum vesicans (French Codex); taffeta vesicatoria; 4pannus vesicatorius; 5charta vesicatoria.

Vesicare; quod vesicat.

Usque ad vesicationem.

Cicatricem inducere, perducere, CELS.

Ulcus diuturnum, CELS.

Fluxum elicere.

Nutrire ulcus, CELS. Curare vulnus, CELS. Resolvere vulnus, Cels.; solvere fascias.

blister.† - 2Blistering tissue [cloth]; 3blistering taffeta; 4blistering cloth; <sup>5</sup>blistering paper.

To raise a blister; that which raises a blister [i. e. a vesicatory .

Until vesication is produced.

To promote [the formation of a cicatrix.

A long-continued ulcer [as the socalled perpetual blister].

To promote the discharge.

To dress an ulcer. To heal a wound. 2re- 1To open the ulcer;

2to open the dressings.

\* This term is applied to both cloth and paper covered with a preparation of cantharidin It comprehends, therefore, the papier épispastique and taffetas vésicant of the French.

<sup>†</sup> The word blister signifies both a vesicating substance (e. g. emplastrum cantharidis) and a vesicle or bleb (vesicula vel bulla). This circumstance, it is presumed, led the writer of a prescription to commit the following gross blunder: - "Applicatur emplastrum lyttæ thoraci, et servetur apertum usu cerati sabinæ." Query: "What is to be kept open? Answer: The emplastrum lyttæ!!

Nutri partem exulceratam un- Dress the ulcerguento sabinæ, ut ulcus diuturnum fiat.

ated part with savine ointment, that a long-continued ulcer [i. e. perpetual blister may be made.

Promovere detractionem hu- To promote the moris nati ab vesicatorio.

discharge of fluid produced by the vesicatory.

<sup>1</sup>Inspergere; — <sup>2</sup>super ulcus, <sup>1</sup>To sprinkle or cast Cels.; super emplastrum.

upon;—2as on an ulcer,—or 3on a plaster.

Insperge pulverem antimonii Sprinkle the powpotassio-tartratis super emplastrum picis in alutam extensum.

der of the potassio-tartrate of

antimony [emetic tartar on the plaster of pitch spread on

leather.

Sericum dictum anglicum English court (French Codex).

plaster.

Sect. 5.—De frictione, &c.

Of Friction, &c.

<sup>1</sup>Fricare, Cic.; <sup>2</sup>perfricare, <sup>1</sup>To rub; <sup>2</sup>to rub Cels.; infrico, Pliny.

all over; 3to rub in or upon.

Fricetur corpus lana, manibus, Let the body be vel strigile.

rubbed with flannel, with the Caput unguento fricare, Cic.

Perfricare vehementer, leniter, To rub violently, CELS.

Non alienum est extremas It is not amiss to partes oleo et sulphure per- rub the extremifricare, CELS.

Frictio; 'vehemens, 'lenis, Friction; 'violent, 5longa, <sup>3</sup>multa, <sup>4</sup>modica, CELS.

Cinerem infricare, PLINY. Infrictionem ei membro adhi- To use friction to bere, CELS.

<sup>1</sup>Ungere; <sup>2</sup>inungere; <sup>3</sup>perun- <sup>1</sup>To rub [as an gere; superinungere, CELS.

Cerato liquido primum cervi- First rub the neck cem perungere, Cels.

Post unctionem cibo uti, Cels.

<sup>1</sup>Linere; <sup>2</sup>illinere; <sup>3</sup>delinere; <sup>1</sup>To besmear [with <sup>4</sup>superillinere, Cels.

hands, or with a flesh-brush.

To rub the head with ointment.

gently.

ties with oil and sulphur.

<sup>2</sup>gentle, <sup>3</sup>plentiful, 4moderate, 5long.

To rub in the ash. that limb.

ointment], to anoint; 2to anoint or rub in or upon; 3to anoint or rub all over.

over with liquid cerate.

After unction to take food.

something thick], 2to spread in or upon; 3to rub over with; 4to spread upon.

Lasere linguam ipsam linere, To besmear the CELS.

Idque in linteolum illinere, et And to spread this fronti agglutinare, CELS.

Delinendus hemo est vel gypso, vel argenti spuma, Cels.

Idque si intus est, digito illi- And, if the disornendum; si extra, super-illitum panniculo imponendum est, CELS.

Palpare.

Titillare.

<sup>1</sup>Spargere, Cic.; <sup>2</sup>inspergere, <sup>1</sup>To strew or throw CELS.; 3respergere, CELS.

Super eas nitrum inspergere, To sprinkle nitre CELS.

Inspergatur pauxillum super Let a little be

tongue itself with Laser [Assafætida?].

on a piece of linen, and apply it to the forehead. The patient is to be rubbed over with gypsum or

litharge.

der [i. e. the hæmorrhois] be within, it [the medicine] is to be applied with the finger,—if without, it is to be applied spread upon a cloth.

To stroke gently (as is done to horses).

To tickle.

about; 2to sprinkle in or upon; 3to besprinkle.

carbonate of soda?] upon these.

mamillas.

Ea membrana acri aceto resper- This membrane is genda est, CELS.

sprinkled upon the nipples. to be besprinkled with sharp vine-

Sect. 6.—De tonsurâ, &c.

Of Shaving. &c.

Capilli,\* CELS.; capillamen- The hair of the tum, PLINY; capillitium, head. APULEIUS; crines.† Pili, CELS.

Barba, CELS. <sup>1</sup>Radere; <sup>3</sup>deradere, Cels.; <sup>1</sup>To shave; abradere, PLINY; 3circum- shave off; radere, CELS.

The hairs of other parts.

The beard.

gar.

Caput radere, CELS. Omnia, derasa ante, si capillis It is proper to cut

oportet incidere, Cels.

3to shave round or scrape about.

To shave the head. conteguntur, per medium all, previously shaven, if they

\* Capillus, quasi capitis pilus, is sometimes employed by Latin authors to signify the hair generally. "Cutibusque cum capillo pro mantelibus ante pectora uti." (Pliny, Hist. Nat. lib. vii. cap. 2.) "To weare the scalpes, haire and all, instead of mandellions or stomachers before their breasts."-Holland's Trans-

lation.) † Crinis (from κρίνω, discerno) is said of the hair when set in order or plaited (Dumesnil, Latin Synonyms. Transl. by Rev. J. M. Gosset). - Crines signifies rather the ringlets and locks of a woman, than simply and generally the hair: it is, of course, less applicable to medical subjects - Cincinnus (from κίκιννος) is a curl of hair .- Cæsaries (from cædo) is particularly said of a man's head of hair, because women's heads of hair never were cut.—Coma (from κόμη) signifies a head of hair either dressed or not.

Dens circumradi debet, Cels.

Barba abraditur, præterquam The beard is in superiore labro, PLINY.

Tondere; attondere, CELS.

Ad cutem tonderi, CELS.

Caput attonsum habere, Cels.

Novacula, CELS.

Sect. 7.—De fonticulis, setaceis, Of Issues, Setons, acupuncturâ, &c.

Fonticulus\* purulentus. Fonticulus excitetur incisione Let an issue be (vel ferro, vel vesicatorio, vel produced by inmedicamento caustico, vel cauterio, vel ferro ignito).

Fiat fonticulus purulentus in Let an issue be

be covered with hairs, through the middle.

The tooth ought to be scraped all round.

shaven off except on the upper lip.

To shear, clip close, or cut short.

The hair to be clipped close to the skin.

To keep the [hair of the head clipped close.

A razor.

the Acupuncture, dec.

An issue.

cision (by the lancet, by a vesicatory, by caustic, or by the cautery).

<sup>\*</sup> Fonticulus, dim. of fons. A little fountain.

interstitiis musculorum brachii; ope ferri vel caustici.

Fiat fonticulus in musculorum Let an issue be duorum interstitio ad prohibendum dolorem quo impeditur facilis motus.

Sit fonticulus inter musculum Let an issue be Sartorium et Vastum internum (vel inter principia musculi Gastrocnemii, vel interstitio musculi Deltoidis et Bicipitis).

Fascia pro fonticulis in brachio A bandage for is-(vel femore, vel surâ)

Setaceum.\* Acus; acus ferrea, Cels.

made between [i. e. in the interstices of the muscles of the arm; by the lancet or caustic.

made between [i. e. in the interstices of two muscles, to avoid pain, which would impede easy motion.

made between the Sartorius and Vastus internus muscles (or between the heads of the Gastrocnemius, or between i.e. in the interstice of the Deltoid and Biceps muscles).

sues in the arm (thigh, or calf).

A seton.

A needle; an iron needle.

<sup>\*</sup> From seta, a bristle, or horse-hair; because horse-hairs were first used to keep open the wound.

Acus pro setaceo.

Inseratur setaceum nuchæ Let a seton be inseratus.

A seton-needle.

Let a seton be inserted in the

Acu idoneâ serici fasciculum Let the skin at the ducente perforetur cutis colli posterioris partis, serico in vulnere relicto; ut fiat diuturna suppuratio. Quoties pus effundi cessaverit (vel hâc deficiente) illinatur sericum unguento Sabinæ.

Let the skin at the back part of the neck be perforated by a proper needle carrying a skein of silk; the silk being left within

Acus admovere, Cels. Acu <sup>1</sup>apprehendere, <sup>2</sup>transuere, <sup>3</sup>trajicere, Cels.

Cutem candentibus ferramentis To make ulcers in exulcerare, Cels.

Non, ut primum fieri potest, Not to heal the ululcera sanare, Cels.

A seton-needle. serted in the nape of the neck. back part of the neck be perforated by a proper needle carrying a skein of silk; the silk being left within the wound to excite a constant discharge of pus. Whenever the pus ceases to be discharged (or when the pus is deficient in quantity), let the silk be anointed with Savine ointment. To apply a needle. To 1take hold of, 2sew through, 3traverse-with a needle. the skin by hot

irons [i.e. by the actual cautery].

Not to heal the ulcers as soon as possible.

Tum, qua notæ sunt, cutis, acu Then, where the filum ducente transuitur, marks are, the ejusque fili capita inter se deligantur, quotidieque id by a needle carmovetur, donec circa foramina cicatriculæ fiant, Cels. and the two ends

then, where the marks are, the skin is pierced by a needle carrying a thread, and the two ends of this thread are tied to gether, and the thread is moved daily until small cicatrices are formed about the orifices.

Eumque acu trajicere linum And to traverse it trahente, CELS. by a needle draw-

And to traverse it by a needle drawing a thread after it.

Ad imum acu trajecta duo lina Traversed at the ducente, Cels.

bottom by a

Traversed at the bottom by a needle carrying two threads.

Acupunctura.\*

The acupuncture.

Sect. 8.—De electricitate,† &c. Of Electricity, &c.

<sup>1</sup>Electrogenium; <sup>2</sup>electricitas; <sup>1</sup>Electrogen (the <sup>3</sup>aura electrica; <sup>4</sup>fluida elec- principle or

\* Acupunctura; from acus, a needle, and pungo, I prick.

<sup>†</sup> Nearly all the words in this section are of modern origin, and necessarily so; for, with few exceptions, electrical phenomena are of modern discovery, and the language of the ancients is incompetent to express them. The Greeks and Romans were acquainted with the attractive power which amber acquired by being rubbed; and, as the Greeks called amber ἡλεκτρον, and the Latins electrum. Dr. Gilbert (in his Tractatus de Magnete, Lond. 1600) called all bodies which manifested a similar attractive

trica; 5virtus festucarum trahax. This last phrase occurs in some Latin Dictionaries.

cause of electrical phenomena); <sup>2</sup>electricity [the cause of electrical phenomena], 3the electric aura; 4the electric fluid; 5the force attracting straws.

Trahere in se (said by PLINY To attract [electriof the action on straws, &c. of amber, when rubbed); 2rapere ad se (said by the same author of the action of the Lyncurium [Tourmaline?] on straws and metallic plates.

cally]; 1to draw to or towards; 2to take suddenly, to catch at.

<sup>1</sup>Torpere; <sup>2</sup>torpescere; <sup>3</sup>obtor- <sup>1</sup>To be numbed or pere (Pliny uses all these three verbs to signify the benumbing effect of the electric discharge, of the torpedo.

benumbed; 2to grow torpid or benumbed; 3to grow numb.

Electrisatio; electrificatio.

Electrisation (the act of electrifying).

power, electrics. The word electricity was soon after introduced to indicate the power which electrics thus evinced. It occurs in the writings both of Sir Thomas Browne (Inquiries into Vulgar and Common Errors, Lond. 1646) and the Hon. Robert Boyle (Experiments and Notes about the Mechanical Origin or Production of Electricity, 1676). It was used in a Latin form (electricitas) by Euler (Disquisitio de causa physica electricitatis, Petropoli [1755]; by Æpinus (Tentamen theoriæ electricitatis et magnetismi, Petropoli [1751]; by Beccaria (Experimenta atque observationes quibus electricitas vindex late constituitur atque explicatur, Augustæ Taurinorum [1769]. and by many other writers of the last century. The word electrisatio was employed in the last century by Bohadsch (Dissertatio de utilitate electriationis in arte medica, Pragæ [1751]).

ma-

Electricitas positiva; negativa. Electricity posi-

Electricitas frictione (vitri, sul- Electricity obtainphuris, corporum resinoso- ed by friction (of rum, &c.) obtenta.

Machina electrica.

Machina electrica cylindrica; A cylindrical eleccylindro vitreo instructa; domina Nairnei.

Machina electrica discoidea; A plate electrical disco vitreo polito instructa; domini Cuthbertsoni.\*

<sup>1</sup>Conductor (electricus); <sup>2</sup>pri- <sup>1</sup>The conductor marius; <sup>3</sup>imperfectior (e. g. (electrical);

chine. trical machine; made with a glass cylinder; Mr. Nairne's.

tive; negative.

glass, sulphur, resinous bodies,

&c.); friction

electricity.

An electric

machine made with a polished glass plate (disk); Mr. Cuthbertson's.

<sup>\*</sup> When vegetable species are named after individuals, the rule of construction among botanists is this: If the individual is the discoverer of the plant or the describer of it, the specific name is then to be the genitive singular; as Caprifolium Douglasii, Carex Menziesii; Messrs. Douglas and Menzies having been the discoverers of these species. But if the name is merely given in compliment, without, reference to either of those circumstances, the name is then rendered in an adjective form, with the termination anus a, um; as Pinus Lambertiana, in compliment to Mr L mbert. (See Lindley's Introduction to Botany.) The same rule may be conveniently extended to cases like those in the text; and instead, therefore, of calling respectively Mr. Nairue's and Mr Cuthbertson's machina electrica Nairniana, and machina electrica Cuthbertsonia, I have preferred to adopt the rule followed by botauists.

filum cannabinum madidum); 4flexilis; 5mobilis.

<sup>1</sup>Director (electricus); <sup>2</sup>articu- <sup>1</sup>The director (eleclatus; 3insulatus; 4metallicus manubrio vitreo adfixus et in globum terminatus.

Lagena (seu phiala) Lugdu- The Leyden phial nensis.\*

<sup>1</sup>Scabellum insulatum; <sup>2</sup>sella <sup>1</sup>The insulated insulata.

Electrometrum (domini Lanei.)

Acus metallica; lignea.

Catena metallica (tenuis).

† From neo, to spin.

Netum† metallicum; filum me- Metallic wire. tallicum.

Aura electrica. <sup>1</sup>Scintilla electrica; <sup>2</sup>scintillula <sup>1</sup>An electric spark;

<sup>2</sup>prime <sup>3</sup>imperfect (for example, a moistened hempen thread); 4flexible (pliant); 5moveable.

trical); <sup>2</sup>jointed (articulated); 3insulated; 4metallic with a glass handle and terminated by a ball.

or jar.

stool; 2the insulated chair.

The electrometer (Mr. Lane's).

A point, metallic, ligneous (wooden).

Metallic chain (slender or fine).

The electric aura.

<sup>\*</sup> An electrical battery (a combination of Leyden jars so arranged that they may be charged or discharged at once as a single jar) is called by Gehler, "Suggestus phialis Leidensibus pluribus una explodentibus" (Physikalisches Wörterbuch).

electrica; 3pollices duo vel tres longitudine æquans.

'Ictus\* electricus; 2commotio 1The electric electrica; 3concussio electrica; 4explosio electrica.

Frictio† electrica. Balneum! electricum. Electricitate per scintillas [vel To electrify [to afper ictus] afficere.

Scintillas elicere, educere.

Scintillas admovere.

Electricitas voltaica (galvanica Voltaic (galvanic vel animalis]. Voltaismus;

<sup>2</sup>a small electric spark; 3equalling two or three inches in length. shock; 2electric commotion: <sup>3</sup>electric concussion; 4electric explosion.

Electric friction. The electric bath.

fect or influence with electricity by sparks [or by shocks].

To draw sparks (from the body). To give (or communicate) sparks.

or animal) elec-

\* Ictus, a stroke or blow. Ictus fulminis, Cicero, a stroke of lightning: ictus fulmineus, Horace, the lightning stroke.

† Frictio electrica, CALLISEN. The term electric friction has been applied to a mode of electrifying which consists in drawing sparks from the patient through a piece of flannel. (See Cavallo,

Complete Treatise on Electricity, vol. ii. p. 136, 3d ed.).

The correct meaning of the word balneum will be explained hereafter (see Sect. xi. De balneis). The term balneum electricum is used by Callisen and others. It is applied to the simple communication e-tablished between an individual and the excited prime conductor of an electric machine, by means of a chain, or other metallic communication. The individual is generally seated on an insulated stool (scabellum insulatum). Rostan (Dict. de Médecine). however, states that the individual may, or may not, be insulated.

Galvanismus. (Electricitas tricity. Voltametallica; irritamentum metallicum!!)

Aura voltaica (vel galvanica).

Canalicus voltaicus (vel galvanicus).

Columna voltaica.

<sup>1</sup>Machina electro-magnetica; <sup>1</sup>An electro-mag-<sup>2</sup>machina magneto-electrica.

Electrostixis; electro-punctura. The electro-punc-

<sup>1</sup>Polus; electrodus;\* <sup>2</sup>polus <sup>1</sup>The pole or elecpositivus; cathodus;† 3polus trode; 2the posinegativus; anodus. 1

ism or Galvanism. Metallic electricity, i. e. electricity of metals, or the metallic incitor!!)

Voltaic (or galvanic) aura.

Voltaic (or galvanic) trough. The voltaic pile.

netic machine; <sup>2</sup>a magneto-electric machine.

ture.

tive pole or cathode; 3the negative pole or anode.

† Cathode, from κατά, downwards, and ὁδός, a way: the way

which the sun sets.

<sup>\*</sup> The term electrode, which has been latinized electrodus, was proposed by Faraday as a substitute for the word pole. It is derived from the Greek words ήλεκτρον and όδός, a way. The term is objectionable on the ground of its prior use in another sense. Hippocrates (p. 1135, ed. Fæs.) uses the word ήλεκτρώδμς, from ήλεκτρον, amber, and είδος, (external appearance,) in the sense of amber-like, in reference to the stools, which he describes as resembling umber in their external appearance The word electrode also occurs in Callisen's Lexicum Medicum (Lipsiæ, 1713), and is said to signify "succino similis."

<sup>‡</sup> Anode, from ἄνω, upwards, and ὁδός, a way: the way which the sun rises.

Excitetur commotio electrica Let the electric per explosionem lagenæ Lugdunensis.

Administrare frictionem elec- To administer electricam ad hominem insulatum conductore primario communicantem.

Eliciantur scintillæ electricæ Let electric sparks ex orbitis oculorum, temporibusque, per horæ sextam partem, alternis diebus.

Iterum aura electrica coxæ do- Again let the eleclenti admoveatur.

Fiant ictus electrici per re- Let electric shocks gionem uteri.

Auram galvanicam trajicere, To galvanize. trahere, educere.

<sup>1</sup>Magnes, PLINY; <sup>2</sup>magnes lapis, <sup>1</sup>A magnet; <sup>2</sup>a PLINY; magnes naturalis; 3magnes artificialis; magnes arte paratus. 4\*

commotion (shock) be produced by the explosion (i.e. discharge) of a Leyden phial.

tric friction to a patient insulated and in communication with the prime conductor.

be drawn from the orbits of the eyes and the temples, for the sixth part of an hour, every other day.

tric aura be applied to the painful hip.

be passed through the region of the uterus.

loadstone; a natural magnet; 3an artificial magnet.

Polus septentrionalis, meridion- Pole, northern, alis.

Magneticus, Claudianus.

Magnetes artificiales plures Magnetic collars, contigui, juxta polos inimicos dispositi, aut linteo seu serico obducti, collaribus, cingulis, brachialibus inclusi.

Laminæ magneticæ.

Magnetismus. mineralis.\*

southern.

Magnetic (of, or belonging to, a magnet or load-

stone).

girdles, bracelets (several artificial magnets with their opposite poles in contact, covered with linen or silk, and inclosed in collars, girdles, or bracelets.)

Magnetic plates (magnetised steel plates).

Magnetismus Magnetism. Mineral magnetism.

Sect. 9.—De resolutione ven- Of Purging, &c. tris, &c.

Dejectiones;† dejectiones alvi; The stools or exstercus; alvus; t quod ex- crements; or-

<sup>\*</sup> The term mineral magnetism has been absurdly used in order to distinguish magnetism from what is vulgarly termed animal magnetism. (See Der mineralische Magnetismus und seine Anwendung in der Heilkunst, von C. A. Becker, M.D., Mühlhausen, 1829.)

<sup>†</sup> From de, downwards, and jacio, I cast.

<sup>#</sup> Alvus, i, fem. and sometimes masc. It signifies the belly, the bowels, and also the stools.

cernitur; quod descendit. Cels.—Sedes.\* Faces.† Fimis et fimum.

<sup>1</sup>Alvus cita; <sup>2</sup>alvus soluta; Frequent, loose, or <sup>3</sup>alvus fusa; <sup>4</sup>alvus fluens; <sup>5</sup>alvus liquida, Cels.—<sup>6</sup>Alvus fluida.—7Resolutio alvi, CELS. <sup>8</sup>Venter fusus; <sup>9</sup>venter liquidus, Cels.— <sup>10</sup>Ventris fluor, Cels.—11 Ventris resolutio, CELS .- 12 Ventris fluxiones; <sup>13</sup>solutiones, Pliny.— <sup>13</sup>Dejectiones crebræ.—<sup>15</sup>Catharsis. ‡---16 Diarrhœa.—17 Coprophoria. ?

dure; alvine evacuations.

Dung or ordure of man, birds, cattle, &c.

liquid stools.— Purging; looseness. — (1Belly [or stools] quickly moved, 2loosened; 3relaxed; 4loose or flowing; 5liquid; 6fluid; 7looseness of. <sup>8</sup>Belly relaxed or loose; 9liquid; 10flux of; 11looseness of; 12alvine flux; 13 alvine looseness; 14frequent dejections; 15 purging;

‡ Catharsis is not found in Latin dictionaries. It is a Greek word (κάθαρις; from καθαίρω, purgo) adopted by Latin writers,

and means a purging It is thus declined:

N. Catharsis. V. Catharsi. D. Catharsi. A. Catharsin. Ab. Catharsi. G. Catharseos.

<sup>\*</sup> Sedes means, literally, a seat; in an extended sense, the fundament. It is also applied to that which comes from the fundament, or, in other words, an evacuation.—Pharmaceutical Guide.

<sup>†</sup> Fæces, the nom. pl. from fæx, æcis, f. a noun wanting the "We meet with Fæces vini, Fæces aceti, &c. in classical authors, but nowhere Faces hominis: the word in this sense is altogether undecessary and improper."-Horæ Subsecivæ.

<sup>§</sup> Coprophoria idem quod Purgatio, ex κόπρος, stercus, et φορέω, fero, gesto. - Blancard, Lexic. Medicum.

Alvus dura; 2alvus suppressa; Bound, constipat-3 alvus adstricta; 4 alvus contracta; balvus compressa, Cels.—6Alvus tenax; 7alvus compacta; 8alvus constipata. <sup>9</sup>Venter astrictus; <sup>10</sup>venter contractus; 11 venter suppressus, Cels.—12Ubi non descendit alvus; 13 venter [vel alvus] nihil reddit, CELS .-14Obstipatio. — 15Constipatio, alvi.

Alvum 1solvere, 2movere, To act on, or open, <sup>3</sup>liquare, Cels.; <sup>4</sup>mollire, emollire, <sup>5</sup>elicere, <sup>6</sup>evacuare, <sup>7</sup>exinanire, <sup>8</sup>trahere, <sup>9</sup>purgare, 10ciere, PLINY; 11dejicere, Cato.—12 Purgatione alvum solicitare, CELS.—Ventrem 13exinanire, 14mollire, 15liquare, 16 solvere, 17 resolvere, Cels.—18 Sedes promovere.

16] ooseness; <sup>17</sup>purgation).

ed, or confined bowels (or belly). Constipation. (Belly [or stools | hard; <sup>2</sup>suppressed; bound; 4con-tracted; 5compressed or costive; Gretained; 7compact; 8constipated. <sup>9</sup>Belly bound; <sup>10</sup>contracted; 11s u ppressed; 12when one does not go to stool; 13the belly produces nothing; 14obstipation; 15constipation (of the belly).)

or loosen the bowels. To purge. (To loosen; 2move; 3 make liquid; 4soften; 5elicit; <sup>6</sup>evacuate; <sup>7</sup>empty; 8draw or lead; 9purge;

Alvum ducere, subducere, Cels. <sup>2</sup>Alvi ductio, CELS.—<sup>3</sup>Alvi ductione uti, CELS.

Alvum <sup>1</sup>astringere, <sup>2</sup>compri- To bind or astringe mere, 3contrahere, 4supprimere, Cels.; <sup>5</sup>sistere, <sup>6</sup>cohibere, Pliny. — <sup>7</sup>Ventrem firmare, CELS.

Quod solicitat (vel movet, vel Any thing which purgat, &c.) alvum.—2Purgans.—3Laxans.—4Catharticum.\* - 5Hydragogum.†-

10 to move or provoke; 11deject or cast down-belly or stools; 12to solicit the belly [or stools] by purgation; 13t o empty; 14to soften; 15 make liquid; 16loosen; <sup>17</sup>unloosen the belly; 18to promote stools.)

<sup>1</sup>To act on the bowels by clyster .-<sup>2</sup>The action on the bowels by clyster.—3To use clysters.

the bowels .-- To constipate.—1To bind; 2constipate; 3contract; 4suppress; 5stop; <sup>6</sup>restrain bowels or stools; 7to bind the belly.

opens the bowels.—2A purgative. -3A laxa-

<sup>\*</sup> Καθαρτικά: from καθαίρω, to purge.

<sup>†</sup> From ὕδωρ, water, and ἄγω, to bring away.

6Drasticum.\*-7Eccoproticum.†

Post alvi longam resolutionem, After long purg-CELS.

Frequens dejiciendi (vel desi- Frequent desire to dendi) cupiditas, CELS. Post alvum exoneratam.

Post singulas liquidas dejec- After every loose tiones; post unamquamque sedem mollem.

Urgentibus torminibus.

'Ad plenam alvi solutionem. - 'To (or until) a full <sup>2</sup>Ad alvum officii immemorem excitandam .- Nisi alvus sit interea copiosè soluta.

tive.—4A cathar tic.—5A hydragogue.—6A drastic.—7An eccoprotic.

ing.

go to stool.

After the bowel is unloaded (i. e. after an evacuation).

stool (or liquid evacuation).

The gripings being urgent (violent).

(or free) evacuation of the bowels.—2To excite the bowel unmindful of its office (i. e. to excite the constipated bowels).— 3Unless the bowels have been copiously relieved in the meantime.

<sup>\*</sup> From δράω, to do, or to be active.

<sup>†</sup> From έκ, out, and κόπρος, excrement. cines which expel fæcal matter.

Donec alvus dejecerit; donec Until the bowels alvus (¹probè vel benè) responderit; donec venter (2ritè) solutus fuerit; donec alvus (3commodè) purgetur; donec (4amplè) purgaverit; donec sedes (5 tres vel quatuor) deponentur.

Clysma; enema; lavamentum A clyster; a laveintestinorum.

Suppositorium.

Sect. 10.—Devomitu; desudore; Of Vomiting; of de sternutamento, &c.

Nausea, Cels. Vomitus, Cels.; vomitio, Pliny. Vomiting. Quod excitat vomitum; vomit- That which excites orium; emeticum.

Vomere, evomere, CELS.

Vomitum <sup>1</sup>elicere, <sup>2</sup>excitare, To produce vomit-<sup>3</sup>movere, Cels.; <sup>4</sup>creare, <sup>5</sup>concitare, <sup>6</sup>facere, Pliny; <sup>7</sup>proritare.

are opened; (1well; 2thoroughly; 3sufficiently; 4freely; 5three or four times).

ment.

A suppository.\*

Sweat; of Sneezing, &c.

Sickness; nausea.

vomiting; a vomitory; an emetic.

To vomit or cast up the contents of the stomach.

ing. ('To elicit; <sup>2</sup>excite; <sup>3</sup>move or provoke; 4create or occasion; 5stir up or excite; 6make; 7provoke vomiting.

<sup>\*</sup> The term suppository is applied to a solid substance placed in the rectum, there to remain and gradually dissolve.

Vomitum supprimere, Cels.; To suppress or alsistere, PLINY.

¹Donec evomuerit; ²donec probè vomat; 3si supervenerit vomitus; 4vomitione urgente; 5ad vomitum sedandum, compescendum; 6donec sedantur vomitiones.

Injice in venam brachii grana Inject six grains of sex tartari emetici soluta in aquæ unciâ dimidiâ.\*

Sanguinem vomere, Cels. Post vomitum, si stomachus in- If the stomach is firmus est, paulum cibi, sed hujus idonei, gustandum, et aquæ frigidæ cyathi tres bibendi sunt; nisi tamen vomitus fauces exasperavit, CELS.

lay vomiting.

<sup>1</sup>Until the patient may have vomited; 2until he may well vomit; 3if vomiting should supervene; 4the vomiting being troublesome: 5 to allay vomiting; Guntil the vomitings are allayed.

emetic tartar, dissolved in half an ounce of water, into a vein of the arm.

To vomit blood. weak after vomiting, a little food is to be taken, but of a proper kind, and three cups of cold water are to be drunk; but only if the vomit-

<sup>\*</sup> The injection of a solution of emetic tartar into the veins has been successfully employed to excite vomiting in several cases of choking from the lodgment of pieces of meat in the ce-ophagus. (See Dr. Pereira's Elements of Materia Medica, vol i. p. 699, 3d edition.)

<sup>1</sup>Sudor; sudores, Cels.—<sup>2</sup>Mul- <sup>1</sup>Sweat; sweats. tus sudor; 3frigidus sudor, 2Much sweat; CELS.

Sudorem movere, elicere, Cels.; To promote sweat. ciere, Pliny.—Sudores evocare, facere, PLINY: exudare, præstare, promovere.

Sudare, Cels.—Sudare mul- To sweat; to sweat tum, CELS.

Sudorem prohibere, CELS.; sis- To stop or check tere, sedare, Pliny; com- sweat. pescere.

Sudatio; sudationes siccæ, Cels. Sudation; a sweat-

Usque ad sudorem, Cels.; donec Until sweat [is prosudor prodeat. Diaphoresis,\* Aurel.

Quod elicit sudores; sudatori- That which excites um; sudorificum; diapho- sweats; a sudareticum

Sternutamentum, Cels.—Ster- Sneezing. nutatio, APUL.

Sternutamenta excitare, mo- To excite sneezvere, evocare, Cels.; facere, ings. PLINY; concitare, proritare, SCRIB. LARG.

ing has irritated the fauces.

3cold sweat.

much.

ing; also a sweating place.—Dry sweating places.

duced].

A diaphoresis or perspiration.

tory; a sudorific; a diaphoretic.

5

<sup>\*</sup> From διαφόρησις.—Diaphoresis is declined like catharsis (see p. 43).

Quod movet sternutamenta; That which excites sternutamentum;\* sternutatorium; errainum;† ptarmicum.†

Sternutamenta albo veratro con- Sneezings are exjecto in nares excitantur,

CELS.

Ducere naribus ut sternutamen- To snuff or draw tum excitetur.

Hæc per calamum scriptorium, These may be naribus sufflentur, Scrib. LARG.

Aliquantillum naribus insuf- Let a little be fletur.

Urinam movere, citare, CELS.; To promote, inconcitare, excitare, ciere, crease, or propellere, impellere, solvere, PLINY.

Urinam supprimere; tardare, To suppress, to CELS.

Urinam reddere, CELS.; facere, To pass the urine; PLINY.

sneezing; a sternutatory; an errhine; a ptarmic.

cited by putting into the nose white hellebore.

[it] up the nostrils that sneezing may be excited.

blown into the nostrils by a writing pen.

blown into the nostrils.

voke the flow of urine.

check the flow of urine.

to make water.

† "Eppivov; from ev, in, and piv, the nose.

† From πταίρω, I sneeze.

<sup>\*</sup> In the following passage, Pliny (Hist. Nat lib. xxv. cap. 109, ed. Valp.) employs sternut mentum to indicate a sternutatory: -" Eadem sicca concisa, sternutamentum est." Some critics, however, read "ciet," others "facit," for "est;" and then sternutamentum signifies sneezing.

Urinæ crebra cupiditas sed Frequent inclinamagna difficultas, CELS.

Quod movet urinam; diuretic- That which excites um.\*

Urinam manu emolire, CELS.

Catheter. +- Fistula, CELS. - A catheter. -A Fistula urinaria.

Explorare vesicam.

Extrahere (vel educere, vel eli- To draw off the cere) urinam ope catheteris.

Menstruaciere, pellere, solvere, To promote or PLINY: evocare, movere, elicere, excitare.

Quod evocat menstrua; emmen- That which brings agogum. I

tion to make water, but great difficulty in doing so.

a flow of urine; a diuretic.

To discharge the urine by the hand [i. e. by an operation].

pipe [for drawing off theurine].

To examine [e. g. to sound the bladder.

urine by the aid of a catheter.

bring on the menstrual discharge.

on the menses: an emmenagogue.

In feminam benè respondenti- In [or to] a woman

† Catheter, ēris, m. From καθετήρ, Galen. From εμμηνα, the menstrual discharge, and αγω, I propel or bring away.

<sup>\*</sup> Διουρητικός: from διά, through; οὖρον, the urine; and ρέω, I flow.

bus menstruis, Cels.

whose menses are regular.

Menstrua suppressa, Cels.

The menses being suppressed.

Menstrua non feruntur; non The menses are proveniunt, CELS.

stopped.

Sect. 11.—De vermibus.

Of Worms.

Vermes\* dejicere, expellere, eli- To expel worms. cere.

ENTOZOA HOMINIS.

Classis Psychodiari-Bory St. Vincent.

1. Acephalocystis endogena, Pill-box Hydatid. In the liver, cavity of the abdomen, &c.

2. Echinococcus hominis, Living Hydatid Liver, spleen, omentum.

Classis Polygastrica—Ehrenberg.

3. Animalcula Echinococci, Animalcule of the Echinococcus. L ver, &c. contained within the echinococcus

Classis PROTELMINTHA.

- 4. Cercaria seminis, Zoosperm, Spermatozoon, Seminal animalcule. In the semen.
- 5. Trichina spiralis. In the voluntary muscles.

Classis STERELMINTHA.

- 6. Cysticercus cellulosæ. In the muscles, cerebrum, and eye.
- 7. Tania solium, Long-jointed tapeworm, or common tapeworm. In the small intestines.
- 8. Bothriocephalus latus, Broad tapeworm. Small intestine.

9. Polystoma pinguicola. In the ovaries.

- 10. Distoma hepaticum, Liver-fluke. In the gall-bladder. Classis Cœlelmintha.
  - 11. Filaria Medinensis, Guinea-worm. In the cellular tissue.

12. Filaria oculi. In the crystalline lens.

13. Filaria bronchialis. In the bronchial glands.

- 14. Tricocephalus dispar, Long thread-worm. In the cæcum and colon.
- 15. Spiroptera hominis. In the urinary bladder.

16. Strongylus gigas. Kidney.

<sup>\*</sup> The following is a tabular arrangement of the internal parasites of the human body disposed "in the classes to which they appear respectively to belong, according to their organization" (Owen, art. Entozoa, Cyclop. Anat. and Physiology).

Lumbricus latus; lumbricus The tapeworm teres, CELS.

Quod expellit vermes; anthel- That which expels minticum;\* helminthagog- worms; an anum; vermifugum.

(Tænia solium); the round worm. thelmintic or vermifuge.

Sect. 12.—De balneis; de fo- Of Baths.—Of mentis, &c. Fomentations, &c.

Balneum,† Cels.; Balineum. A bath | private]. <sup>2</sup>Balnæ; Balinæ.—<sup>3</sup>Balneum medicatum.

Balneum fervens (seu fervi- The hot, warm, and dum), calidum, tepidum.;

Tepidarium, CELS.

<sup>2</sup>Baths [public]. 3A medicated bath.

tepid bath [artificial].

A tepid bath.

\* From ἀντὶ, against; and, ελμινς a worm.

The temperature of the different kinds of baths is as follows:

	Deg. 1	anr.
1.	Very coldfrom 33 to	50
2.	Cold50 =	(65
3.	Cool	385
	Tepid85	
	Warm92	
6.	Hot98	the
	highest degree of heat the pa-	
	tient can bear, perhaps110 or	112
	5*	

<sup>17.</sup> Ascaris lumbricoides, Long round-worm. In the small intestine.

<sup>18.</sup> Ascaris vermicularis, Maw-worm or thread-worm. In the rectum.

<sup>†</sup> Balneum and balineum were used for the water-bath, which every mas er of a family had in his house; balneæ and balineæ, for public bathing-places. All referred to baths artificially heated. "The cold bath and shower bath, therefore, and, in pharmacy, the sand bath, water bath, &c., require a very different form of expression."—Horæ Subsec.

Thermæ.\*

Ablutio, PLINY.

<sup>1</sup>Lavatio,† Cels.—<sup>2</sup>Lavacrum.

Hot baths [natural].

A washing or bathing.-2A bath or washing place.

Ablution.

'In balneum ire; 2ducere in bal- 'To go into a bath; neum; 3uti balneo calido; 2to take [him] in balneum mittere, CELS.; into a bath; 3to use the warm demittere in balneum; debath; to put scendere in balneum. [him] into a bath.

Elicere sudorem sicco calore, To procure sweat Cels.—Balneum siccum.‡

by dry heat.—A dry bath.

† Lavatio also signifies a bathing vessel.

## BATHS OF THE ROMANS.

From a painting found at the Thermæ of Titus (De Montfaucon),

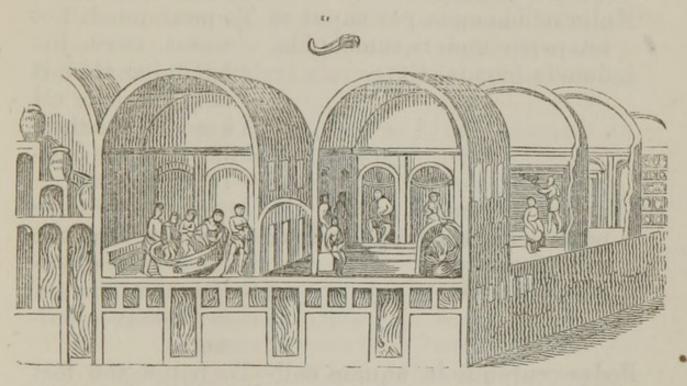
<sup>\*</sup> Thermæ signifies baths of water naturally hot; balnea, baths made hot by fire. Hence the phrase balnea mineralia is not correct.

<sup>±</sup> By the term balneum siccum, or dry bath, are meant applications of dry heated substances (as hot air, sand, ashes, salt, &c.) to the skin to promote sweating. But the term balneum is inapplicable to such, since Celsus evidently confines it to a water bath, - while, under the head of "siccus calor," he includes arena calida, the laconicum, and the clibanum (lib. ii. c. 17). The terms Sudatorium, Laconicum, and Clibanum, were applied to different kinds of dry baths. The Sudatorium was a sweatinghouse. The Laconicum was a hot and dry room at a bath, and in which sweat was excited; it was, in fact, a Sudatorium. Clibanum was the name of a particular kind of oven among the Romans. As it is mentioned by Celsus, besides the Laconicum, or hot room at the bath, he probably intends by it a stove placed in a common room so as to heat it. In the baths of the Romans there were five apartments: the eleotherium. the frigidarium, the tepidarium, the concamerata sudatio (calidarium or laconicum), and the balneum.

Uti aquis frigidis, Cels.—Bal- To use the cold neum frigidum.\*

bath.—A cold bath.

Calidus vapor, Cels.—Balneum Hot vapor.—A vaporis.†—Vaporarium. vapor bath.



L'Antiquitée expliquée et représentée en figures, tom. 3me, part 2nde, p. 204.

On the right is the eleotherium (ἀλειπτήριον) where the oils and perfumes are kept in vases: next to this is the frigidarium (ἀποδυτήριον) or undressing room: the third is the tepidarium: the fourth is the sudatory (concamerata sudatio), in which are seen the laconicum (so called from being first used in Laconia), a brazen furnace to heat the room, and persons sitting on the steps: the fifth is the balneum, with its huge basin (labrum) supplied by pipes communicating with three large bronze vases, called milliaria, from their capaciousness; the lower one contained hot, the upper one cold, and the middle one tepid water. The bathers returned to the frigidarium, which sometimes contained a cold bath. The subterranean portion of the building, where the fires were placed for heating the baths, was called hypocaustum. The strigil (a in the above cut) was a scraper, or currycomb, used at baths to scrape the skin. Celsus (lib. vi. cap. 7) uses the term to signify a tube or syringe.

\* As the term "balneum" applies to a heated water bath, it is

obvious that the phrase "balneum frigidum" is incorrect.

† Equally improper is the phrase "balneum vaporis." Celsus regards calidus vapor as one kind of "siccus calor."

<sup>1</sup>Semicupium; excathisma; en- <sup>1</sup>The half-bath, or cathisma; insessio; insessus. <sup>2</sup>Coxæluvium.—<sup>3</sup>Pediluvium. <sup>4</sup>Capitiluvium. — <sup>5</sup>Manuluvium.

Multa calida aqua per caput se totum perfundere, tum tepida, deinde frigida, CELS.

Utar semicupio ad x. vel. xij. Let the patient use minuta horæ in aquâ adhuc calenti modicè.

Pedes cruraque in aquam cali- To bathe the feet dam demittere.

Perfusio corporis aquâ calidâ.

Lavare egelidâ\* aquâ.

slipper-bath. -<sup>2</sup>The hip-bath.— The foot-bath. <sup>4</sup>The head-bath. <sup>5</sup>The hand-bath.

To pour much hot water over his head so that it may run over all his body], then tepid, and, lastly, cold water.

the half-bath, made moderately warm, for ten or twelve minutes.

and legs in warm water.

The affusion of the body with warm water.

To use tepid washing.

<sup>\*</sup> Gelidus and egelidus agree in denoting objects not as in a state of heat, but differ in respect to the distance of each from that state. The first term (from gelu, frost or ice) applies to water that is either frozen or just at the freezing point. Egelidus differs from gelidus, in denoting a diminution of the cold implied in the latter, or a step in the progress towards heat .- See Hill's Dict. of Synonyms. Gerard (Thesaurus) defines the word egelidus, thus:-"Quod gelu amisit, et jam non est calidum neque frigidum,tepidum."

Is per æstatem id bene largo He ought, daily, canali quotidie debet aliquamdiu subjicere, Cels.

Admovere glaciem vel nivem.

Linteola in aquâ frigidâ made- Linen dipped in facta dein benè expressa, CELS.

Fomentum, Cels.; fotus, Pliny; A fomentation. fomentatio.

Nares exulceratas fovere oportet It is proper to fovapore aquæ calidæ, CELS.

Vaporare, suffire, PLINY.

Detergere, Cels.; abstergere.

Lavare, Cels.; 2abluere, Cic.; <sup>3</sup>eluere, CELS.

<sup>1</sup>Suffitus.—<sup>2</sup>Halitus.—<sup>3</sup>Inhala- <sup>1</sup>Dry fumes or tio.

Inspiretur halitus aquæ chlo- Let the vapor of rinii per apparatum aptum.

during the summer, to hold his head for some time under a pretty strong stream of water .

To apply ice or

snow.

cold water, and then well squeezed.

ment the ulcerated nostrils with the vapor of warm water.

To foment with vapor.

To cleanse or wipe.

<sup>1</sup>To bathe or wash; 2to clean or cleanse; 3to wash.

smoke. — 2Aqueous vapors .- 3Inhalation or inspiration.

chlorine water

be inhaled by means of a proper apparatus.

Pulvinar;\* pulvinus; προς- A bolster or pillow for the head. κεφάλαιον, ὑυποκεφάλαιν.

Sect. 13.—De portionibus, &c. Of Doses, &c.

Portio, Cels.; dosis† (δόσις).

Portionibus paribus; æquis In equal proporportionibus, Cels.

<sup>1</sup>Portionibus exiguis; magnis; <sup>1</sup>In small, large, divisis; 2crebro adhibitis, re- divided, 2repeatpetitis, iteratis.

<sup>1</sup>Partitis vicibus; ‡ <sup>2</sup>ad tres alias <sup>1</sup>At different times; vices.

Dosi pedetentim crescente.

Cochlear, Cels.; cochlea. Cochleare; cochleare plenum, & A spoonful [when

A portion, allotment, or dose.

tions.

ed doses.

2to three other times.

Gradually increasing the dose.

A spoon.

\* The pulvinar humuli, or hop pillow, has been long employed for producing sleep. Dr. Willis brought it into vogue by prescribing it for George III.

‡ Partitis vicibus is an idiomatical expression, implying "in different doses," or "at different times." Vicibus is the ablative plural of vicis, and partitis the ablative plural of partitus, the participle of partior.

§ Cochleare, and (per apocopen) cochlear, aris, n. signifies a spoon, a measure, and a spoonful. As a Roman measure of ca-

<sup>† &</sup>quot;There is no sort of occasion in medical language for this word, the place of which may be always directly supplied by 'Ratio,' 'Modus,' 'Copia,' 'Pondus,' 'Mensura,' &c., or indirectly by uttering the phrase: -as, What is the dose? The dose is ten grains; In the same dose; Too large a dose; Too small a dose, &c. 'Quantum, quot grana, guttæ, &c. dantur?' 'Ad decem,' 'Tantundem, totidem grana,' &c. 'Nimium,' 'Parum,' &c."-Horæ Subsecivæ

CELS.; Cochlearium; \* cochlearii mensura, PLINY.

no qualification is added to it, it is generally understood to mean "a tablespoonful"].

Cochleare parvulum (vel mini- A small, tea, or mum; vel infantis).

child's spoonful equal to one fluidrachm].

Cochleare modicum (vel medi- A middling-sized um; vel mediocre).

dessert or pap spoonful [equal to two fluidrachms.

Cochleare magnum (vel largum; A large or tablevel amplum).

spoonful [equal to four flui-drachms, or half a fluidounce].

Cochleatim.

Spoonful by spoon-

1Cyathus;† 2cyathus vinarius; 1A drinking cup 3cyathus magnus. [generally under-

pacity it is said (Littleton's Latin Dictionary) to have been equal to the ligula, that is, one-fourth part of the cyathus, and consequently the one-forty-eighth part of the English wine pint, or one-third of the fluidounce.

\* Cochlearium, rii, n. signifies a measure of liquids, a spoonful, &c As a Roman measure of liquids it is said to have been the one-twelfth part of the cyathus, and, therefore, the one-third

part of the cochleare.

† Cyathus (from κύαθος) was a sort of vessel used by the Romans to measure the wine and water that were poured into cups. It was equal to four ligulæ. Dr. Grieve (Translation of Celsus) states that it was equal to the one-twelfth part of the English wine pint. It was also used to indicate anything to drink out of. Cantharus (from κάνθαρος) was a sort of cup, somewhat larger

stood to mean a wineglass of the capacity of two fluidounces]; also a measure for liquids; <sup>2</sup>a wineglass; <sup>3</sup>a large drinking cup [generally understood to mean a tumbler of the capacity of eight fluidounces].

<sup>1</sup>Poculum; \* <sup>2</sup>pocillum; <sup>3</sup>vascu- <sup>1</sup>Å cup [generally lum. understood to

understood to mean a teacup of the capacity of six or eight fluidounces]; also a potion; <sup>2</sup>a little cup; <sup>3</sup>a little vessel.

Duo aut tria cochlearia uno die It is sufficient to sumpsisse, satis est, Cels. have taken two or three spoonfuls† in one day.

than the cyathus, and having a handle; in other words, a kind of tankard Scyphus (from  $\sigma\kappa \dot{\nu}\phi os$ ) was a kind of bowl, without either foot or handle, used in ancient times to drink out of. Cupa was a cup or drinking vessel used in taverns or other drinkinghouses.

\* Poculum, a drinking cup. It was also said of the liquor itself.

† Sometimes very erroneously written spoonsful. Spoonful, like mouthful, &c., is an individual compound noun; its plural being spoonfuls. Although the word spoonsful is not English, yet it is remarkable how frequently it is written by ignorant

¹Cochlearis; ²cochlearis men- ¹Of, or pertaining sura, PLINY.

<sup>1</sup>Magnitudo; <sup>2</sup>amplitudo; <sup>3</sup>moles; <sup>1</sup>Magnitude; <sup>2</sup>am-4quantitas.\*

<sup>1</sup>Ad nucis juglandis magnitudi- <sup>1</sup>To the size of a nem; 2quod fabæ magnitudinem habet, Cels.—3Magnitudo nucis avellanæ, Scrib. LARGUS; 4magnitudo castaneæ; 5magnitudo fabæ equinæ.

Moles nucis moschatæ.

Instart juglandis.

<sup>1</sup>Quantum satis est [vel sit]; <sup>1</sup>As much as is suf-2quantum res patitur; 3quantum fieri potest; 4quantum tribus digitis comprehendi potest; 5quantum volet; <sup>6</sup>quantum vires patiuntur;

to, a spoonful; <sup>2</sup>a spoonful.

plitude; 3mass;

4quantity.

walnut; 2that which has the size of a bean.— <sup>3</sup>The size of a filbert-nut; 4the size of a chesnut: 5the size of a horse-bean.

The size of a nutmeg.

The size of a walnut.

ficient; 2as much as circumstances will allow; 3as much as can be done, or as far

persons. On the same ground that "spoonsful" is used as the supposed plural for "spoonful," we ought to have "mouthsful," "belliesful," "spoonsmeat," &c., instead of "mouthfuls," "bellyfuls," "spoonmeats," &c.

\* Magnitudo is said of any sort of greatness. Amplitudo is said of extent. Moles indicates anything huge and vat. Quantitas is a term of relative import, and, when qualified by some

adjunct, may signify much or little.

† Instar is usually denominated an indeclinable noun; but Dumesnil (Latin Synon., by the Rev. J M. Gosset) calls it a pre-position requiring the genitive case. "Ad instar is not found in the best Latin authors."

7quantum juvat; svino uti quantum libebit, CELS.

Quantum cuspide (vel apice) As much as can cultri capi potest.

<sup>1</sup>Quantum sufficit (vel sufficiat); <sup>1</sup>As much as may 2quantum convenit; 3quantum velis; quantum lubet; 4quantum sitis exigat.

Pugillus.

Manipulus, CELS. Sumere; capere. Cels.

as possible; 4as much as can be held by three fingers; 5as much as he will; 6 as much as the strength permits; 7as much as, or as long as, it is agreeable; 8to take as much wine as he pleases.

be taken on the point of a knife.

be sufficient; 2as much as is convenient or suitable; 3as much as you please; 4as much as the thirst may require.

A pinch (i. e. as much as may be contained between the thumb and two fingers: about from 388 to 3j).

A handful.

To take (generally).

Devorare, Cels.; deglutire.\*

Bibere; sorbere; potare, Cels.; To take (as a haurire.

Delingere, Cels.; lambere; sub To take (as an linguam liquare.

Manducare; mandere, Cels.; To take (as a masmasticare.

Dare; adhibere; exhibere, To give or admin-CELS.; administrare.

In alvum ex parte inferiore To administer by dare; in alvum ex partibus the rectum (as inferioribus indere (velimmit- an injection or tere, seu infundere). CELS.

Suffumigare, CELS.; fumigare. To fumigate. Gargarizare, Cels.

Sect. 14.—De tempore.

<sup>1</sup>Annus; <sup>2</sup>sesquiannus; <sup>3</sup>bien- <sup>1</sup>A year; <sup>2</sup>a year nium; 4triennium.

1Quotannis, annuus; 2biennis, 1Every year, anbimus; 3triennis, trimus.

To take (in a solid form, as a powder or pill).

draught); to drink.

electuary).

ticatory); to chew.

· ister.

clyster).

To gargle.

Of Time.

and a half; 3two years; 4three vears.

nual; 2biennial, lasting two years, of two years; 3triennial, lasting three

<sup>\*</sup> Glutio (but not deglutio) is found in the smaller Latin dictionaries; in larger ones we find deglutio, vox medicis familiaris, I swallow down.—Pharmaceutical Guide.

years, of three years.

Annus intercalaris vel bisex- Leap year. tilis.

Annus climactericus.

Cardines temporum.

Mensis; 2sesquimensis; 3bimen- 1A month; 2a sis; 4spatium bimestre; <sup>5</sup>menses biseni.

<sup>1</sup>Menstruus;\* <sup>2</sup>bimestris; <sup>3</sup>tri- <sup>1</sup>Monthly; <sup>2</sup>of two mestris; 4quadrimestris.

Januarius, Februarius, January; Febru-<sup>3</sup>Martius, <sup>4</sup>Aprilis, <sup>5</sup>Maius, <sup>6</sup>Junius, <sup>7</sup>Julius (vel Quinctilis), 8 Augustus (vel Sextilis), <sup>9</sup>September, <sup>10</sup>October, <sup>11</sup>November, <sup>12</sup>December.

Septimana; hebdomada; heb- A week. domas; hebdoma.

Dies; lux. CELS. A day.

Dies Solis; 2D. Lunæ; 3D. Sunday; 2Mon-Martis; 4D. Mercurii; 5D. day; Tuesday;

The climacteric or perilous year. The four seasons

of the year.

month and a half; 3two months; 4six months; 5twelve months.

months; 3of three months; 4of four months.

ary; 3March; 4April; 5May; <sup>6</sup>June; <sup>7</sup>July; 8August; 9September; 10October; "November; 12 December.

<sup>\*</sup> Formerly it was the custom for chemists to digest the solvend, or substance to be dissolved, in the solvent for a philosophical month, or forty days: hence arose the names of menstrual solvent or menstruum.

Jovis; <sup>6</sup>D. Veneris; <sup>7</sup>D. Saturni.

'Calendæ; 2nonæ; 3idus.

Hodie; hodierno die. Heri; hesterno die. Cras; crastino die. Postero die, Cels. Nudius tertius.\*

Primo die, CELS.

4Wednesday; <sup>5</sup>Thursday; <sup>6</sup>Friday; 7Saturday. The calends [the first day of the month]; 2the nones the seventh day of the months March, May, July, and October, and the fifth of the other months; 3the ides [these fall eight days later than the nones: hence they occur on the fifteenth day of the months March, May, July, and October, and the thirteenth of other months .

To-day.
Yesterday.
To-morrow.
The day after.
The day be

The day before yesterday; three days ago.

The first day.

<sup>\*</sup> This phrase is derived from nunc dies est tertius. We have also nudius quartus, four days ago; nudius quintus, five days ago, &c.

Perendie; perendino die.

Proximis diebus, Cels.

Proximâ luce.

Quotidianus, CELS.; indiès; Daily, or every quotidiè, CELS.; omni die.

Alternis diebus, Cels. Alterna Every other day.

(vel secundâ) die quâque.

Tertiis diebus.

Post paucos dies; paucis post A few days after.

diebus.

Biduum, CELS.; 2triduum, Two days; 2three Cels.; 3quatriduum.

De die in diem.

Mane, Cels.; \* aurora; tem- Morning.

pore matutino; horâ matu-

tinâ.

Diluculò; multo mane; primo Early in the morn-

summo mane.

Crastino mane.

Tempus antemeridianum.

Meridies,† CELS.

Pomeridies; tempus postmeri- Afternoon.

dianum.

Vesper, Cels.; vespertina, ves- Evening.

pere appropinguante.

The next day after to-morrow.

The following

days.

The day before.

day.

Every third day.

days; four days.

From day to day.

mane; primâ luce, CELS.; ing; at daylight.

To-morrow morn-

ing.

Forenoon.

Noon.

\* Mane is a triptote, having only three cases-the nom., acc., and abl. sing.; in all of which it is mane, except the ablative, in which mani is sometimes found.

<sup>†</sup> The division of the day generally observed by the Romans was that into tempus antemeridianum and pomeridianum, the meridies itself being only considered as a point at which the one ended and the other commenced.

Nox, Cels.; sero. Hâc nocte; nocturnus.

Nycthemerum.\* Hesternâ nocte.

<sup>1</sup>Horâ somni; <sup>2</sup>horâ decubitûs; dormiturus, Cels.; cubitum iturus; ubi it cubitum.

Jentaculum.

Prandium, CELS.

Cœna, Cels.; tempore cœnandi. Supper; supper-

Hora.

Tota hora, CELS.

In horas; singulis horis; omni Hourly; every horâ.

Per horam integram.

Sesquihoris.

Alternâ horâ; secundâ; horâ; bihorio; horis intermediis.

Trihorio; omnio tertiâ horâ.

Quadrihorio.

Semihora, Cels.; semihorio.

Omni quadrante horæ.

Horis consuctis.

Sexagesima pars horæ; minu- The sixtieth part tum.

Momentum vel punctum tem- A moment or inporis.

Night.

To-night; nightly.

Night and day.

Last night.

The hour of sleeping; 2at bedtime.

Breakfast.

Dinner.

time.

An hour.

A whole hour.

hour.

During an hour.

An hour and a half.

Every other hour.

Every third hour.

Every fourth hour.

A half hour; every

half hour.

Every quarter of an hour.

At the accustomed

hours.

of an hour; a

minute.

stant of time.

<sup>\*</sup> From νύξ, night; and ἡμέρα, day.

<sup>1</sup>Statim; <sup>2</sup>illico; <sup>3</sup>protinus; <sup>4</sup>ex- Immediately (<sup>1</sup>on templò; 5jam; 6jamjam; the spot, without 7quamprimum.

leaving the place; 2in that very place; forthwith; 3at the first, instantly; 4immediately custom has given extemplò this meaning: originally it related to auguries]; 5already, even now, immediately [repeated before every member of a sentence, jam signifies "sometimes"]; 6forthwith [jamjam denotes more celerity than jam]; <sup>7</sup>very shortly).

cording as cir-

cumstances may

<sup>1</sup>Pro re natâ; \* <sup>2</sup>prout res poscit; <sup>1</sup>Occasionally; <sup>2</sup>ac-<sup>3</sup>prout res postulet.

\* Pro re natâ is an idiomatical expression: it signifies "according as circumstances arise;" that is, "occasionally."-Pharmaceutical Guide.

<sup>&</sup>quot;A prescription was sent by an accoucheur for the usual medicines for a lady after her delivery. The child was dead. In addition, there was also a prescription for some sort of embrocation for her breasts; the affected parts to be rubbed with the same pro re natâ (occasionally). The compounder knew very well that pro was 'for,' but not being quite satisfied about re, goes to his

require; <sup>3</sup>according as circumstances may demand.

<sup>1</sup>Subinde; <sup>2</sup>interdum; ali- <sup>1</sup>Now and then; quando; <sup>3</sup>identidem; <sup>4</sup>de upon which; tempore in tempus. <sup>2</sup>sometimes;

Now and then; upon which; 2sometimes; 3now and then; ever and anon; 4from time to time.

<sup>1</sup>Iterum; <sup>2</sup>rursus vel rursum; <sup>1</sup>Again, the second denuo quasi de novo. time; <sup>2</sup>once

Again, the second time; <sup>2</sup>once more, another time; <sup>3</sup>anew, afresh.

Novissimè.

The newest; the last.

Nuper, Cels. Nuperrimè. Perpetuus.\*

Lately. Very lately.

Perpetual, everlasting.

dictionary, and there finds res, a thing; then turns to nata, and finds natus, a, um, 'born;' now, then, he has it right—'For the little thing born'; but deeming 'little thing' as too familiar, he, wishing to show all due respect to his master's patient, wrote on the label, 'The little infant newly born to be well rubbed with this embrocation'"—Chamberlain's Tyrocinium.

\* The pilula perpetua, or everlasting pill, was composed of metallic antimony, which was believed to have the property of purging as often as it was swallowed. This was economy in right earnest, for a single pill would serve a whole family during lives, and might be transmitted as an heirloom to their posterity. We have heard of a lady who, having swallowed one of these pills, became seriously alarmed at its not passing: "Madam," said her physician, "fear not; it has already passed through a hundred patients without difficulty" (Paris's Pharmacologia, p. 501, 9th edit. 1843).

Sect. 15.—De corporis partibus. Of the Parts of the Body.

Calvaria: cranium.

A summo capite; a vertice, At the top of the CELS.

Occipitium.

Frons.

Guttur, CELS.; (jugulum, CELS.; The neck (fore-

vel. jugulus;\*) larynx.

Cervix; cervices,† CELS.; The neck (back

nucha. I

Collum, CELS.

Nucha capitis.

<sup>1</sup>Nasus; <sup>2</sup>naris, nares, <sup>3</sup> Cels.

Ex medio naso imisve narium From the middle partibus, CELS.

The skull.

head.

The back part of the head.

The forehead.

part).

part).

The neck (whole).

The nape of the neck.

The nose; the nostril, the nostrils.

of the nose, or the lower parts of the nostrils.

† Cervices is elegantly used for Cervix. "Abscindere cervicibus caput"-Cicero; "To cut off the head from the shoulders." The same author also uses Cervix: "Impendet cervici gladius."

‡ Nucha is from the Arabic, and signifies medulla spinalis, and emphatically its origin and commencement, to which part of the organ the term is applied, in the technical language of the day .-Good's Nosology.

§ Naves is by far a more general and elegant term in medicine than nasus, which is confined to the mere external feature (Horæ

Subsectiva).

<sup>\*</sup> Jugulum (vel Jugulus) signifies the forepart of the throat. Guttur is more general than Jugulum, and denotes both the outside and the inside of the throat. It is said to come from Gutta, because whatever liquor is drunk passes through it drop by drop. Larynx indicates the upper and anterior part of the neck; Jugulus rather the lower and anterior part.

<sup>1</sup>Labrum, Cels.; labium; <sup>2</sup>labra <sup>1</sup>A lip; <sup>2</sup>two lips. duo, labia duo.

Ex angulis labrorum, Cels.

Os, oris, Cels.; stoma (στόμα). Gingiva; gingivæ, Cels.

Tonsilla, CELS. 'Auris; 2auricula, CELS.; 3pin- The ear; 2the na.\*

Auricularum dolores, CELS. <sup>1</sup>Ex imis auribus; <sup>2</sup>summis auribus, CELS.

Post aurem, Cels. In aurem instillari, CELS.

Aurem infundere aliquod medi- It is proper to pour camentum oportet, CELS.

Gena; bucca, Cels.; mala,† The cheek. CELS.

Aspera arteria; trachea. Bronchus; bronchium; bron- The bronchial chia; bronchius.‡

From the angles of the lips.

The mouth.

The gum; the gums.

The tonsil.

auricle; 3the pinna.

The earache.

<sup>1</sup>From the lower parts of the ears; 2in the upper parts of the ears.

Behind the ear.

To be dropped into the ear.

some medicine into the ear.

The windpipe. tube.

\* Auris signifies the ear generally; auricula the flap of the ear with the auditory tube; pinna the flap of the ear only.

The two latter words, and their plurals, are very generally and improperly used. The Latin terms are derived from the Greek words βρόγχος and βρόγχιον, which can only make "bronchus'

and "bronchium."-Horæ Subsecivæ.

<sup>†</sup> Mala is generic, and expresses the cheek (the external and fleshy part) and the cheek-bone. Gena differs from Mala in referring only to the external part of the face. Bucca refers to the same part of the face with Gena, but regards it as capable of collapsing and being inflated at different times

Gula; pharynx; œsophagus. Fauces.

Uva, Cels.; uvula. <sup>1</sup>Humerus, Cels.; <sup>2</sup>os humeri.

Clavicula; os jugulare; jugu- The clavicle or collum. <sup>1</sup>Scapula, Cels.; <sup>2</sup>os scapularum.

Ala, Cels.; axilla, Cels. Brachium, CELS. Cubitus, \* CELS. Ancon; caput cubiti. Carpus. Palma, CELS.; vola.

Metacarpium.

<sup>1</sup>Digitus, Cels.; <sup>2</sup>pollex, Cels.

Bini† digiti.

The gullet. The throat (internal), the pharynx.

The uvula.

The shoulder (generally); 2the arm bone.

lar bone.

The shoulder (back part); 2the shoulder blade.

The armpit. The upper arm. The forearm. The elbow. The wrist. The palm of the hand.

The back of the hand.

<sup>1</sup>The finger; <sup>2</sup>the thumb.

Two fingers.

<sup>\*</sup> Cubitus, ûs, signifies also a lying down; a bed or couch, a nest.

<sup>†</sup> In speaking of the numbers of things of which there are two or more sets, it is much less elegant to use the simple numerals than the distributives. Thus we should say with propriety,-"Seni deni dentes" (sixteen teeth); "Quini digiti" (five fingers); but not "Bina labra" (two lips), or "Bini oculi" (two eyes); which, if not unclassical, is at least poetical.—Horæ Subsecivæ. Bina is only used with a substantive in the plural number. Cicero found fault with his son for having said duas literas, because literæ, used in the sense of "epistola," is always put in the plural. We say binas literas, and duas epistolas.

Thorax, CELS.

Sternum; os pectoris, Cels. Spina dorsi. Tergum, Cels.; dorsum. Abdomen,† Cels.

Venter; alvus, CELS.

Latus (lateris) Cels., Virg., Horace.

Dolor laterum, HORACE.

In latus aut dextrum aut sinis- Either upon his trum, Cels. right or left side.

Latus dolet, CELS.

<sup>1</sup>Præcordia, Cels.; scrobiculus <sup>1</sup>The pit of the cordis; epigastrium; <sup>2</sup>hypostomach; <sup>2</sup>the chondrium dextrum, sinistrum; <sup>3</sup>umbilicus; <sup>4</sup>hypogastrium; <sup>5</sup>lumbus, lumbi; <sup>6</sup>ilia.\* vel; <sup>4</sup>the hypostomach; <sup>1</sup>the hypostomach; <sup>1</sup>the hypostomach; <sup>1</sup>the hypostomach; <sup>1</sup>the hypostomach; <sup>2</sup>the hypostomach; <sup>2</sup>the hypostomach; <sup>3</sup>the hypostomach; <sup>3</sup>the hypostomach; <sup>3</sup>the hypostomach; <sup>4</sup>the hypostomac

The chest\* (the "cavity").
The breastbone.
The "backbone."
The back.
The belly (externally).
The belly (internally).
The side (below the axilla).
Pain of the sides.
Either upon his right or left side.
The side is in pain.
The pit of the stomach; 2the

\* An Irishman applied at a dispensary for relief. He was suffering from bronchitis, and was ordered to put a blister on his chest. On the next day of attendance, Pat, in reply to a question, stated that the blister had not drawn. "How long did you keep it applied?" Ans. "It is on now." "Let me look at it." Ans. "I can't; it's at home." On further inquiry, it appeared that he had fulfilled the directions given to him by applying the blister to his tool chest!! (A fact.)

† From abdo, to hide, because it hides the viscera. "Abdomen" is very improperly used, although by reputedly good authors, to signify the cavity of the belly; it is evident, from its etymology as well as from its employment, that it should be confined to the

parietes (Horæ Subsecivæ).

† The abdomen is divided by anatomists into three zones or regions.

1. The epigastric, 2. The umbilical,

3. The hypogastric. Each zone is subdivided into three minor regions; the epigastric

Jecur, Cels.; hepar.\* Fel; bilis. Lien; splen, CELS. Ren, CELS. Inguen, CELS. Lumbus, CELS. Loci.

Vulva seu uterus; os vulvæ.

Canalis vulvæ. Coxa, Cels.; coxendix; os cox- The hip; the hiparum. Femur; 2crus, CELS.

gastrium; 5the loin, the loins; 6the flanks. The liver.

Bile.

The spleen.

The kidney.

The groin. The loins.

The female genitals.

The womb; the mouth of the womb.

The vagina.

bone.

<sup>1</sup>The thigh; <sup>2</sup>the leg.

into the scrobiculus cordis or epigastrium, and the two hypochondriac regions; the umbilical into the umbilicus, and the two lumbar regions; and the hypogastric into the hypogastrium or pubic portion, and the two iliac regions or flanks at the sides. The relative positions of these parts are shown by the following diagram :-

right hypochondrium  right lumbar region  right iliac region	epigastrium.  umbilicus  hypogastrium	left hypochondrium  left lumbar region  left iliac region.
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\* The Latin tongue has two distinct terms to express the organ of the liver, -hepar and jecur. The first is easily referred to the Greek  $\tilde{\eta}\pi\alpha\rho$ ; for the second, the critics have scarcely a guess to offer. It is, in fact, a Persian term (jekur), which has been copied into the Turkish as well as into the Latin; in the former being pronounced jegur. - Good's Nosology.

<sup>1</sup>Genu; <sup>2</sup>poples, Cels.

Patella, Cels.; mola; rotula.

Sura, CELS.

<sup>1</sup>Mons pedis; <sup>2</sup>malleolus, Cels.; vel talus, Cels.; 3calx.

Planta pedis, Cels.

Digiti pedis, Cels.

Sect. 16.—De signis morborum.

Tussi ingravescente.

Perstante ardore urinæ.

Dolore rheumatico torquente.

Durante fluxu cruento.

Ventriculo jejuno; stomacho The stomach being vacuo.

Si tussis increbuerit; si tussis If the cough shall accreverit.

Si vigiliæ anxerint.

Si pervigilium\* supervenerit.

The knee; the ham.

The kneepan.

The calf.

<sup>1</sup>The instep; <sup>2</sup>the ankle; 3the heel.

The sole of the foot.

The toes.

Of the Signs of Diseases.

The cough increasing.

The heat in making water continuing.

Therheumatic pain being troublesome.

During the bloody flux.

empty.

have increased.

If the watchings should be troublesome.

If intense watching should come on.

<sup>\*</sup> Pervigilium is frequently translated "a watching;" in which sense it would be synonymous with vigilia. It signifies, however, great or intense watching; or, as Gesner (Thesaurus) expresses it, "Multæ Vigiliæ."

Si malum arthriticum redinte- If the arthritic graverit.

(gouty) pain should be renewed.

Si non dormiat; si non somnum If the patient do capiat.

not sleep.

Si maxime augeat dyspnoea aut If difficulty of tussis.

breathing, or cough, should be very troublesome.

Si conqueritur dolorem.\*

If the patient complains of pain.

Si tenesmus iterum redierit.

If tenesmus should again return.

Si vires sinunt, Gels.

If the strength permit.

Si febris adest, Cels.

If the fever be present.

Si per hæc dolor non finitur, If the pain be not CELS.

allayed by these means.

Ubi vigilia torsit, Cels.

When want of sleep distresses.

Cum nocturna vigilia premitur, When he is trou-CELS.

bled with night watching.

Si malum urgeat.

If the pain should be urgent.

Si sitis urget; si sitis est; si If the patient be sitis vexat, Cels.; si sitiat.

thirsty.

<sup>\*</sup> It is much less usual, and, therefore, less proper, to use those words with a preposition and ablative case, than with the accusative: thus, "Conqueritur dolorem" is preferable to "de dolore," &c. (Horæ Subsecivæ.)

Si spasmus ventriculi aderit.

Si minetur morbus.

Urgente dolore vel tussi.

Digitis cedere foveolamque ac- To pit on pressure. cipere.

Dentium stridor; dentibus Grinding of the frendere.

Cibi fastidium (anorexia seu in- Want of appetite. appetentia).

Cibi aviditas (bulimia).

Molestante languore aut flatu- The languor or lentia.

<sup>1</sup>Febre aggrediente: <sup>2</sup>febre ab- <sup>1</sup>When the fever is sente; 3febre durante (vel adstante; vel astante); durante febris exacerbatione.\*

Donec afficiantur gingivæ.

Donec gingivæ intumescant.

If the spasm of the stomach be present.

If the disease threaten.

The pain or cough being troublesome.

teeth; to grind the teeth.

Too great appetite. flatulence being troublesome.

coming on; <sup>2</sup>when the fever is absent; 3during the fever.

Until the gums are affected.

Until the gums become swollen.

<sup>\*</sup> The interval between the paroxysms of an intermitting fever was termed by the Greeks apyrexy (ἀπυρεξία), by the Latins intermission (intermissio). If, however, the interval were only a remission, instead of a perfect intermission, the return of the hot fit was denominated exacerbation (exacerbatio). Dr. Mason Good uses the term to signify the paroxysm of a disease whose intervals are merely imperfect; or remission is the strict meaning of paroxysm when literally rendered,

Donec ptyalismus\* (seu cursus Until ptyalism is salivæ adauctus, seu fluxus salivæ adauctus) cieatur.

Donec abierit spasmus.

Donec dolor exulaverit.

Donec evanescant symptomata.

Donec pustulas excitet, Cels.

Donec dolor mitescat.

Donec somnus obrepat.

Donec æger convalescat.

Donec singultus et nisus ad Until the hiccup vomitum cessaverint.

Donec altera accessio accedat, Until another ac-CELS.†

produced.

Until the spasm shall have removed.

Until the pain shall have removed.

Until the symptoms disappear.

Until it excites pustules.

Until the pain mitigates.

Until sleep come

Until the patient is well.

and attempts to vomit shall have ceased.

cession accedes or comes on.

Among recent writers, however, and perhaps generally in the present day, while the term paroxysm is applied not merely to

<sup>\*</sup> Ptyalismus, πτυελισμός or πτυαλισμός, from πτύω, exspuo exscreo.

<sup>†</sup> The term Accession (accessio or accessus) was employed by the Latin writers in a sense precisely parallel with the Greek word paroxysm (παροξυσμός), and either embraced the cold or hot stages of a febrile seizure, the only stages into which such seizure was divided; the declination (declinatio) not being accounted a part of the paroxysm. Hence paroxysm is a term not to be found in Celsus, who uniformly employs accessio in its stead.

Pro casus exigentia; pro rei According to the urgency of the exigentiâ. case.

Dum vires corporis sinunt, As long as the strength per-CELS. mits.

Ubi dolor urget, CELS.

Dum febris absit, Cels.

When the pain is violent.

While the fever is absent.

Sect. 17.—De viribis et usu Of the Powers and remediorum, &c. Uses of Remedies.

Sanare; ad sanitatem perdu- To cure. cere, CELS.

fever fits, but to fits of every violent and intermitting disorder whatever, the term accession is limited to the commencement or onset of a fit,-its insultus, as denominated by the Latin writers; and hence Dr. Cullen (First Lines, chap. 3, sect. lvi.) speaks of the "accession of paroxysms," a phraseology which would be nonsense upon the original meaning of the terms; while Dr. Turton, with evident indecision upon the subject, defines accessio, in his Glossary, "the beginning or paroxysm of an intermitting fever" (allowing the reader to take which sense he will); and paroxysmus, "an access, fit, or exacerbation of a disease;" giving still greater latitude, as well in respect to the genus as the stage of the morbid affection. The "accession of paroxysms" of Cullen is in the language of the Latin translators of Galen, "incrementa accessionum" (Gal. de Differ. Feb. lib. 2, cap. iv.) In some cases (as in his definition of hectic fever), however, Cullen seems to employ the term "accession" as synonymous with paroxysm. Notwithstanding the general appropriation of the word accession among the Latin writers to the whole duration of a fever fit, or what is now called a paroxysm, its radical idea imports simply "advance, approach, entrance, avenue;" and in this meaning Celsus himself is perpetually using the term in its verbal form, and occasionally indeed in connection with accessio in its technical signification, as "donec altera accessio accedat." Dr. Mason Good uses the term to signify the commencement or onset of an exacerbation of any kind .- (See his Nosology.)

Morbum curtare; ad morbum To shorten the discurtandum.

Ad recidivum præcavendum.

Recidivum timere, Cels.

Dolorem lenire, CELS. (vel se- To allay (or redare, vel tollere).

Somnum molire, movere, CELS. To produce sleep. (facere, vel afferre, vel conciliare).

Efficere ut quiescat; ad quietem To keep quiet. conciliandum.

In lecto collocare, Cels. Urinam excitare.

Menstrua evocare.

Ad acorem compescendum.

Acorem, ardoremque corrigere.

Ad gustum conciliandum.

Gratum saporem reddere.

Ad feetorem obstandum. Caput sublime habere, CELS. Os fumigare.

Valetudinarium et vestimenta To fumigate the fumigare.

Inhalare vapores aquæ tepidæ To inhale the vapor

ease.

To prevent a relapse.

To apprehend or fear a relapse.

lieve) pain.

To place in bed. To increase the flow of urine.

To promote the menses.

To moderate the acidity.

To correct the acidity and heat (of the stomach).

To please the palate.

To give an agreeable taste.

To prevent fetor. To raise the head.

To fumigate the mouth.

sick-room and the clothing.

(vel calidæ).

of tepid (warm) water.

Vaporem calidum ore recipere, To receive warm CELS.

vapor into the mouth.

Putredini occurrere.

To obviate putrescency.

Spasmos discutere (vel depel- To remove spasm. lere).

Vermes (spiritum; flatum) de- To expel worms jicere (vel expellere, vel eli- (wind, &c.)

dere, &c.) Vermes 'protrahere; 'enecare; 'To extract, 'to de-<sup>3</sup>educere, CELS.

stroy, 3to take out worms.

Ad calculos valere, præstare, To act on calculi. &c.

Adurere, Cels., &c.

To cauterize. To corrode.

Rodere, exedere, Cels., &c. Quod occurrit putredinem; antisepticum.

That which obviates putrescency; an antiseptic.

Sect. 18.—Dr. Duncan's Classification of the General Terms used by Writers on General Therapeutics and Pharmacology, with some additions.

"Although many of these terms are obsolete, some of them vague and ill-defined, and others hypothetical, yet, as they occur in writers of authority, and are sometimes useful, I have collected them together. Dr. Cullen\* has given a pretty full

<sup>\*</sup> A Treatise on Materia Medica, in two volumes, 4to. Edinburgh, 1789. See Vol. i. p. 161.

alphabetical catalogue of many of them, stating, in regard to each term, in what sense it has been commonly or particularly employed, with what propriety it has been used, why he does not employ it, and very often why it should not be employed at all. I have attempted, in imitation of Linnæus,\* to arrange them systematically, generally contrasting with each term its antagonistic or opposite term, when any has been used, so as to abbreviate explanation, and frequently to render it unnecessary."

Terms derived from the Action of External Agents.

I .- ON THE FUNCTION OF ASSIMILATION.

Synthetica—tend to the formation of the body. X Analytica—tend to decompose and waste it. Nutrientia—nourish the body.

Restaurantia, Analeptica—restore lost strength.

II. ON THE MECHANICAL STATE OF THE SOLIDS.

Humectantia, ¥ Absorbentia, Exsiccantia. Emollientia, Laxantia, Relaxantia, Chalastica, Impinguantia, ¥ Astringentia, Indurantia, Tonica, Roborantia.

III .- ON THE VITAL FUNCTIONS OF THE SOLIDS.

Stimuli, Stimulantia, Alexiteria, Hypersthenica, X Contrastimuli, Hyposthenica.

Excitantia, X Sedantia, Deprimentia.

Intoxicantia, Inebriantia, Narcotica, Fatuantia, Temulentia, Phantastica, X Antitoxica, Antidota, Alexipharmaca, Alexicaca, Theriaca, Bezoartica.

<sup>\*</sup> Materia Medica, liber i De Plantis. 8vo. Amsteledemi, 1749.

Anthypnotica, X Hypnotica, Somnifera, Agrypnotica.

Hyperæsthetica, X Anæsthetica.

Spastica, Convulsiva, Tetanica, X Paralytica. Calefacientia, \* Refrigerantia.

#### IV .- ON VESSELS OR CANALS.

Anastomotica-opening the extreme orifices of blood-vessels. X Styptica, Stenotica, Ishæmacontracting the orifices of vessels or calibre of canals.

Aperientia, Solventia, Deobstruentia, Deoppilantia—removing obstructions.

#### V .- ON FLUIDS.

## 1. Altering quantity.

Implentia, ¥ Deplentia.

# 2. Altering distribution.

Attrahentia, Epispastica, draws fluids to a part, X Repellentia, Repercutientia.

Intercipientia, Apocrustica, drive fluids from a part.

Derivativa Revulsiva, draw fluids from a part.

# 3. Altering consistence, Diathetica.

Diluentia, Inundantia, X Inspissantia. Incidentia, Attenuantia, X Incrassantia.

## 4. Altering quality.

Dyscrasiaca, Immutantia, Alliotica, Alterantia. In-Ob-volventia, Obtundentia, Inviscantia, blunting acrimony.

Lenientia-Temperantia, Demulcentia, Edulcoran-

tia, Antacria, correct irritants.

Antacida, Absorbentia, X Antalkalina.
Depurantia, Abstersiva, removing acrimony.
Balsamica, resisting bitter putridity.
Spanæmica, X Hæmatinica.

VI .- ON NATURAL SECRETIONS AND EXCRETIONS.

Eccritica.

Evacuantia, Evacuatoria, ★ Sistentia, Reprimentia, Cohibentia.

Errhina, Ptarmica, Sternutatoria.

Anacathartica, Pituitosa, Apophlegmatizonta, Apophlegmatizantia, Apophlegmatica, purge upwards.

Masticatoria, Sialogoga, Salivantia, Ptyalagoga.

Expectorantia, Tussiculosa.

Emetica, Vomitoria, Singultuosa, X Antiemetica. Physagoga, Ructatoria, Carminativa, Borborygmica, Flatulentia.

Cathartica, purge downwards.

Eccoprotica, Alviduca, Laxativa, Laxantia, Lenitiva, Purgantia leniora et mitiora.

Purgantia drastica.

Panchymagoga.

Hydragoga.

Phlegmagoga.

Cholagoga.

Melanogoga.

Diuretica.

Menagoga, Emmenagoga.

Abortiva, Amblotica, Ecbolica, Amblothridia.

Aristolochica.

Lactifera, Galactophora, X Lactifuga.

Diapnoica, Diaphoretica, promote insensible perspiration.

Sudorifica, Hidrotica, Perspirantia, produce sweat.

Terms derived from the Body itself.

VII .- TERMS DERIVED FROM DISEASES.

Acopa, against lassitude.

Antisthenica, Debilitantia.

Antipyretica, Antiphlogistica, Antifebrilia, Febrifuga.

Antiquartana.

Antiloimica, against plague.

Antihectica.

Anticachectica.

Antiseptica, against putrid diseases, X Septica.

Antispasmodica.

Antiparalytica.

Antidydinica, against giddiness.

Anodyna, Paregorica, Sopientia, against pain.

Antasthmatica.

Antiphthisica.

Hysterica, Antihysterica, Anthypochondriaca.

Anticolica.

Antidysenterica.

Arthritica, Antarthritica, Antipodagrica.

Antiscorbutica.

Antilyssus, against the bite of a mad dog.

Antivenerea.

Antiambusta, Anticaustica, against burns.

Antiscolica, Anthelmintica, Helminthagoga, Vermifuga, against worms.

Phtheiroctonia, Phthiriaca, against lice.

Lithontriptica, Lithonthryptica, Saxifraga, Lithica, Antilithica.

VIII.—TERMS DERIVED FROM PARTS AND FUNCTIONS OF THE BODY.

Generalia, X Topica.

Nervina.

Cerebralia, Spinalia, Ganglionica, acting on the respective systems of nerves.

Muscularia.

Visceralia.

Absorbentia.

Cephalica, Anamnestica, improving the memory.

Cosmetica.

Ophthalmica.

Nasalia.

Acoustica, Otica.

Odontica, Odontalgica, Dentifricia.

Depilatoria, Psilothria, remove hairs.

Thoracica.

Pecteralia, Arteriaca, Pneumonica, Pulmonica, Becchica.

Cardiaca, Cordialia.

Abdominalia.

Stomachica.

Enterica.

Hepatica.

Splenica.

Sialica.

Pancreatica.

Antinephritica, Nephritica.

Genetica.

Uterina.

Aphrodisiaca, ★ Anaphrodisiaca, Antaphrodisiaca, Sophisticantia, Sterilitantia.

IX. — TERMS APPLIED TO EXTERNAL AND TOPICAL REMEDIES.

Abstergentia, Detergentia, Abluentia. Lubricantia, ¥ Absorbentia. Resolventia, Discutientia, ¥ Suppurantia, Maturantia.

Emollientia, ¥ Adstringentia, Roborantia externa, Indurantia

Rubefacientia, ¥ Refrigerantia.

Vesicatoria, Excoriantia, Exulcerantia, Corrosiva. Escharotica, Erodentia, Phagedænica, Caustica, ★ Cicatrizantia, Epulotica.

Anaplerotica, Sarcotica, Consolidantia, Vulneraria,

Glutinantia.

Exsiccantia, X Digerantia, Digestiva.

Mundificantia, Cathæretica.

Vulneraria, Traumatica, Agglutinantia.

Catagmatica, Syllotica, uniting fractured bones.

Terms derived from Medicines.

Aloedaria, Aloetica.

Aloephangina, a mixture of aloes and aromatics. Mucilaginosa, Oleosa, &c.

Terms from imaginary virtues.

Archæalia, agreeable to Archæus. Basilica, of noble power. Heroica, of great virtue.

Sect. 19.—De cibo, &c. Of Food, &c.

<sup>1</sup>Cibus; <sup>2</sup>alimentum; <sup>3</sup>esca, <sup>1</sup>Food (any kind); <sup>2</sup>aliment or nourishment; <sup>3</sup>eatable food.

<sup>1</sup>Victus, Cels.; diæta.—<sup>2</sup>Regi- <sup>1</sup>Diet (course of men. food); <sup>2</sup>Regimen.

Cibus <sup>1</sup>plenus (plenior); <sup>2</sup>va- Food <sup>1</sup>plenteous lentissimus; <sup>3</sup>uberior; <sup>4</sup>ro- [i.e. full diet];

bustior, Cels. 2very nourish-

Diæta ¹carnis, ²jusculi, ³lactis, Diet ¹meat, ²soup, 4simplex.

Cibus mediocris, CELS.

Cibus ¹tenuis, ²simplex, ³mollis, Food ¹light, ²sim-4calidus, 5exiguus, 6levis, CELS.

Alimentum liberale, CELS.

Potio liberalis, CELS.

Cum debito regimine.

<sup>1</sup>Hordeum, Cels.; <sup>2</sup>farina hordei <sup>1</sup>Barley; <sup>2</sup>barley seu hordeacea, Cels.; 3hordeum mundatum; 4hordeum perlatum.— 5 Maltum, byne (βύνη), brasium; <sup>6</sup>infusum bynes, brasii seu malti; 7decoctum hordei vel aqua hordeata.

Avena; 2farina avenæ; 3avena 1Oats; 2oatmeal; excorticata seu grutum; 4decoctum avenæ.

<sup>1</sup>Triticum, Cels.; <sup>2</sup>farina tritici, <sup>1</sup>Wheat; <sup>2</sup>wheaten Cels.; 3amylum\* tritici; flour; 3wheaten

ing; 3more abundant; <sup>4</sup>stronger.

<sup>3</sup>milk, <sup>4</sup>simple.

Food moderate.

ple, 3soft, 4warm, 5 small in quantity, 6light.

Nourishment ample [i.e. a liberal allowanee of ].

Drink ample [i. e. a liberal allowance of .

With appropriate regimen.

meal; 3Scotch, hulled, or pot barley; — 4 pearl barley. - Malt; 6wort, or sweet wort; 7barley water.

3decorticated oats or groats; 4water gruel.

<sup>\*</sup> Amylum, from a, not; and μύλη, a mill: because it is made without the aid of a mill.

<sup>4</sup>furfur, Cels.; furfures tri- starch; <sup>4</sup>bran; tici; <sup>5</sup>farina tritici tosta.

<sup>1</sup>Secale; <sup>2</sup>secale cornutum vel <sup>1</sup>Rye; <sup>2</sup>spurred rye ergota.

Oryza, CELS.

<sup>1</sup>Panis, Cels.—<sup>2</sup>Panis fermen- <sup>1</sup>Bread. — <sup>2</sup>Bread tatus; <sup>3</sup>sine fermento, Cels.; panis azymus.—4Panis bis coctus, Cels.; panis iterum coctus, PLINY.—5Panis nauticus, PLINY.—6Panis tostus; <sup>7</sup>panis ustus; <sup>8</sup>panis aridus, CELS.—9Interior pars panis, Cels.; mica panis.—10 Crusta panis, PLINY,—"Panis hesternus, Cels.—12 Panis hordeaceus, Cels.; 13 panis secalinus; 14 panis triticeus.— 15 Panis candidus, Cels.; <sup>16</sup>panis furfuraceus.

Turundæ Italicæ.

Jus, Cels.; jusculum. Jus anserinum, Cels.—2Jus Goose broth. ovillum, Cels.; jus verve- 2Mutton broth .-

baked fiour.

or ergot.

Rice.

fermented or leavened; 3unfermented or unleavened.\*-<sup>4</sup>Biscuit.— <sup>5</sup>Ship bread or sea bisbiscuit.—6Toasted bread; 7burnt bread; 8dry bread.— 9Crumb of bread. <sup>10</sup>Crust of bread. <sup>11</sup>Yesterday's bread.—12 Barley bread; 13rye bread; 14 wheaten bread.— 15 White bread; 16 brown or bran bread.

Italian pastes (as maccaroni, vermicelli, and Cagliari paste).

Broth.

<sup>\*</sup> Dodson's patent unfermented bread is a well-known example of this kind of bread.

cinum.—3Jus bovillum; jus bovinum.—4Jus vitulinum, Cels.; jus vituli, Pliny.— Jus pulli gallinacei, Cels.; jus gallinaceum, PLINY; jus pullinum. — <sup>6</sup>Jus testudinis concentratum. — Jusculum avenaceum.

<sup>3</sup>Beef tea.--<sup>4</sup>Veal broth.-5Chicken broth. - 6Turtle soup.—7Gruel.

<sup>1</sup>Puls, PLINY.—<sup>2</sup>Pulticula, CELS. <sup>1</sup>A kind of thick

porridge, pap.— <sup>2</sup>Thin porridge. Polenta.\*

Polenta, PLINY.

Lac muliebre, Cels.; lac Woman's milk; humanum [vel mulierum PLINY]. - 2Lac asininum, Cels.; lac ex asinis, Pliny; lac assellæ.†—3Lac bubulum,

human milk .-

<sup>2</sup>Ass's milk.— 3Cow's milk.—

4Goat's milk .-

\* The polenta of the ancients was barley bread dried at the fire, and fried after it had lain soaking in water one night The substance sold in the London shops under the name of polenta is the meal of Indian corn (Zea Mays). The Italians apply the name polenta to a kind of pudding made with Indian corn. The word polenta is derived from pollen, inis, fine flour.

† Asella is a little she-ass. Asellus signifies a little or young ass. This word has also been extended to fishes, as the Cod (Morrhua vulgaris), which have the color of the ass. At least, Varro, in speaking of fishes named from their color, mentions the Asellus, or Cod, as deriving its name from this circumstance. Those, therefore, who trust to a dictionary, might not be able to tell whether oleum jecoris aselli meant the oil of a cod's liver or the oil of the liver of an ass. In 1839, the latter translation was actually adopted by a writer in a medical journal, who gravely informed his readers that the Germans had been using oil of asses' livers for fifteen years! Pliny says that there were two kinds of Aselli: one smaller, called Callariæ; the other found in deep water, and denominated Bacchi. By some later writers the term Asellus has been extended to several species of the cod tribe. Thus the common Cod is called Aselius major; the Ling, Asellus longus; the Coal-fish, Asellus niger; the Whiting, Asellus albus; the Dorse, Asellus striatus; the Pollack, A. Haifingo, &c. Millepedes (Ar-

Cels.; lac vaccinum, Pliny. <sup>4</sup>Lac caprinum, Cels.; lac caprarum, PLINY.—5Lac ovillum, Cels.; lac ovium, Pliny. <sup>6</sup>Lac equinum, PLINY.

In lacte exhibendum.\*

<sup>1</sup>Flos lactis; cremor lactis.— <sup>1</sup>Cream.— <sup>2</sup>Butter. <sup>2</sup>Butyrum.—<sup>3</sup>Lac butyratum. <sup>4</sup>Serum lactis.—<sup>5</sup>Serum lactis vinosum.—6Serum lactis tartarizatum. — 7Serum lactis aluminatum; serum aluminosum.—8Serum lactis tamarindatum.—9Saccharum lactis; saccholactin.

<sup>1</sup>Ex gelatinâ ribesiâ, vel ribesi- <sup>1</sup>In currant jelly. orum.—2Ex gelatinâ vituli.

<sup>1</sup>Ex melle pinguive ullo humore: <sup>1</sup>In honey, or any-<sup>2</sup>in quovis vehiculo crasso;† 3in quovis grato vehiculo.

<sup>1</sup>Spiritus vini Gallici.—<sup>2</sup>Spiritus <sup>1</sup>Brandy. — <sup>2</sup>Rum. sacchari.—3Spiritus oxyzæ.

<sup>5</sup>Ewe's milk,— 6Mare's milk.

To be administered in milk.

<sup>3</sup>Buttermilk.— 4Whey. - 5Wine whey. - 6Cream of tartar whey. <sup>7</sup>Alum whey.— 8Tamarind whey. <sup>9</sup>Sugar of milk, or saccholactin.

<sup>2</sup>In calf's [foot] jelly.

thing thick; 2in any thick vehicle; 3in any agreeable vehicle.

3Arrack. !-

madillo officinarum) have been denominated aselli on account of their color being that of an ass. Dioscorides calls them ovol, or asses; others have termed them onisci (ονίσκοι), or little asses.

<sup>\* &</sup>quot;I have known the following Latin (which, by the by, is continually written) translated thus: Maneat in lecto, 'in milk in a morning.' Mane in lacte exhibend, 'and be particular to remain in bed.' "-Chamberlain's Tirocinium Medicum.

<sup>†</sup> Said to have been translated, "in a stout hackney coach." # Arrack, or Rack, is the name applied not only to rice spirit

<sup>4</sup>Spiritus juniperi.—<sup>5</sup>Spiritus lactis equini.—6Spiritus frumenti.

Vinum; merum; \* temetum. † Vinum album vel rubrum.

Vinum Capense.

<sup>1</sup>Vinum Gallicum; <sup>2</sup>V. Burgundicum; 3V. Burdigalense; 4V. Campanicum; 5V. Rubellum seu Helvolum vel Gravianum; 6V. Languedocium.

<sup>1</sup>Vinum Germanicum; <sup>2</sup>V. <sup>1</sup>German wine; Rhenanum seu Rhenense (V. Hochheimense); <sup>3</sup>V. Mosellanum.

Vinum Lusitanicum seu Portu- Port wine. gallicum.

Vinum Toccaviense (seu Ti- Tokay.

bicense).

<sup>1</sup>Vinum Hispanicum album, seu <sup>1</sup>Spanish white Xeres vel Xeræ; V. Xericum; wine, sherry; V. album; <sup>2</sup>V. Illicitanum <sup>2</sup>Alicant wine; seu Alicanticum; 3V. Malac- 3M a laga or

4Gin, Hollands, Geneva. - 5Koumiss.-6Corn spirit.

Wine.

White or red wine.

Cape wine.

'French wine; <sup>2</sup>Burgundy; Bordeaux; 4Champagne; <sup>5</sup>Claret; <sup>6</sup>Frontignac.

<sup>2</sup>Rhenish wine (as Hochheimer, t commonly called Hock); <sup>3</sup>Moselle.

(spiritus oryzæ), but also to the spirit obtained by distillation from fermented cocoanut toddy (by some called Palm wine).

<sup>\*</sup> Merum is properly an adjective, and signifies pure, unmixed. When said of wine, vinum is understood, and it signifies pure wine.

<sup>†</sup> Temetum signifies a strong and heady wine.

<sup>†</sup> The termination heimer (Heim, home) is in Germany given to many wines; as Laubenheimer, Rudesheimer, &c. Pump water is sometimes jocosely called at table *Pumpenheimer*.

cense; 4V. Tinto.

Vinum Maderaicum. Vinum Canariense. <sup>1</sup>Vinum pomaceum; <sup>2</sup>V. pyra- <sup>1</sup>Cider; <sup>2</sup>perry. ceum.

Vinum generosum, Hor.

Vinum vetustate edentulum, Mellow wine. PLAUT.

<sup>1</sup>Cerevisia vel cervisia, zythum,\* <sup>1</sup>Beer or ale; <sup>2</sup>cerevisia familiaris; <sup>3</sup>cerevisia Londinensis; 4cerevisia tenuis, secundaria vel cibaria; <sup>5</sup>cerevisia primaria, generosa; cerevisia fortis;† 6alla; 7cerevisia vetula; \*potus acidus; 9vappa; 10 potus recens; 11 cerevisia lupulata, non lupulata.

<sup>1</sup>Cerevisia avenacea; <sup>2</sup>cerevisia <sup>1</sup>Beer made from secalina; 3cerevisia hordeacea; 4cerevisia pini; 5cerevisia lagenaria.

Cerevisia amara.

Mountain; 4Tentwine (Rota). Madeira wine. Canary wine.

Generous or strong wine.

<sup>2</sup>household beer: <sup>3</sup>London beer or porter; 4table beer; 5strong beer; 6ale; 7stale beer; Shard or acid beer; 9dead beer; 10fresh beer; 11beer hopped, not hopped. oats; 2from rye; <sup>3</sup>from barley; <sup>4</sup>spruce beer; <sup>5</sup>bottled beer.

Bitter beer or ale.

† The word fortis is applicable to certain states of the mind

only, and, therefore, is inapplicable to beer.

<sup>\*</sup> Zythum (ζύθος) was a kind of beer obtained by fermentation from barley. Cervisia was made from unmalted barley: its color, therefore, would be pale, and in this respect would resemble ale. Ale and beer of the present day are flavored with hops, and hence they are sometimes called hopped beer (Cervisia lupulata).

Pro potu commune; pro potu For common ordinario.

Potus inebrians.

<sup>1</sup>Aqua communis; <sup>2</sup>destillata; <sup>1</sup>Common water; <sup>3</sup>fervens; <sup>4</sup>fluviatilis; <sup>5</sup>fontana seu fontis;\* 6pluviatilis seu pluvia; 7nivalis.

Aqua mirabilis.

<sup>1</sup>Aqua tosti panis; <sup>2</sup>decoctum <sup>1</sup>Toast-water; <sup>2</sup>barhordei; 3infusum theæ; 4infusum carnis bubulæ; 5inf. carnis bubulæ concentratum; <sup>6</sup>cacao; <sup>7</sup>chocolata; <sup>8</sup>coffea, infusum coffeæ.

Potiones ardentes; vinolentæ Spirituous, vinous, seu meraciores; cerevisiæ.

drink. Strong liquor or drink.

<sup>2</sup>distilled; <sup>3</sup>hot; 4river; 5spring; <sup>6</sup>rain; <sup>7</sup>snow.

Admirable or wonderful water (an aromatic spirit prepared with French brandy, cinnamon, mace, and other aromatics).

ley-water; 3infusion of tea, or tea commonly so called; 4beef-tea; beef gravy or soup; 6cocoa; 7chocolate; 8coffee, or infusion of coffee.

and fermented drinks.

<sup>\*</sup> Aqua fontis has been misread aqua fortis. See foot-note to Chap. VII. p. 108.

Sect. 20. — De instrumentis Of Pharmaceutical pharmaceuticis. Instruments.

Instrumenta, apparatus, ma- An apparatus (gechinamenta.

Culter, cultellus.

Pistillum.

Mortarium ('vitreum, \* 2fictile, A mortar (of 3marmoreum, 4ferreum, 5ligneum).

Spathula. Porphyrites.

Vas, vasculum (¹fictile, figulare; A vessel (¹of earth-<sup>2</sup>loricatum, vitreatum).

<sup>1</sup>Vitrum; <sup>2</sup>vitrea, Pliny; <sup>3</sup>phiala; <sup>1</sup>Glass; <sup>2</sup>glasses 4lagena; 5ampulla.

Orificio amplo præditus.

In vitro charta nigra involuto In glass [that is, (seu obducto).

nerally). A knife.

A pestle.

<sup>1</sup>glass, <sup>2</sup>earthenware, 3marble, 4iron, 5wood.

A spatula.

A levigating or smoothing stone (sometimes made or porphyry).

enware; 2glazed). (vessels made of glass); 3a phial; 4a flask; 5a bottle.

Furnished with a wide orifice.

in a glass vessel which is enveloped by black paper [to exclude the light].

<sup>\* &</sup>quot;In expressing the matter of which any substance was directly composed, as well as the vegetable or animal from which anything was derived, the Romans almost always used an adjective; and this, in the former case, usually terminated in eus."-Horæ Subsecivæ.

<sup>1</sup>Obturamentum, PLINY; epi- <sup>1</sup>A stopper; <sup>2</sup>a cover stomium; 2operculum.

Obturamenta suberea; oper- Cork stoppers cula suberea; <sup>2</sup>obturamenta

vitrea.

<sup>1</sup>Pyxis (pyxidis), Pliny; <sup>2</sup>pyxis <sup>1</sup>A box; an apothestannea, PLINY; 3pyxis lignea, 4fictilis, 5chartacea.

Pyxidicula, Cels

Scatula.

Olla, Pliny; 2 ollula; 3 olla fic- 1A pot [usually tilis, PLINY; 4olla alba, grisea, fusca; 5olla epistomio subereo vel vesicâ clausa.

Narthecium, Cic.

or lid.

corks and bungs]; 2glass

stoppers.

cary's box or gallipot; 2a tin box; <sup>3</sup>a wooden box; <sup>4</sup>an earthen box or gallipot; 5a paper box.

A little box used by apothecaries, and capable of holding liquids;

a gallipot.

A wooden or chip box as the pill, ointment, or lozenge box .

earthenware]; 2a little pot; can earthen pot; white, gray, or brown pot; 5a pot closed by a cork stopper [as by a bung or by a bladder.

A box, gallipot, or place to keep medicines in. It Arcula. Fictilia.

Infundibulum; per infundibu- A funnel; through lum.

<sup>1</sup>Virga; <sup>2</sup>baculus vel baculum; <sup>1</sup>A rod or twig; <sup>2</sup>a 3bacillum.

Virga vitrea. Ope bacilli lignei.

Thermometrum (Fahrenheit- A thermometer ianum).

Pannus (1 crassus, 2 tenuis, 3 lin- A cloth (1 coarse, teus, 4cannabinus, 5gossypinus, esericus, 7laneus).

Cribrum (setaceum). Per cribrum.\*

<sup>1</sup>Saccus, sacculus; <sup>2</sup>manica Hip- <sup>1</sup>A bag, a little pocratis.

Typus.

applies to the pots or jars in which the apothecary keeps his medicines].

An ointment box. Earthen vessels, earthenware.

a funnel.

stick; <sup>3</sup>a little stick.

A glass rod.

By means of a small wooden stick.

(Fahrenheit's).

2fine, 3linen, 4hempen, 5cotton, 6silk, 7woolen).

A sieve (hair). Through a sieve.

bag; <sup>2</sup>Hippocrates's sleeve (a conical flannel bag used for filtration).

A mould.

<sup>\* &</sup>quot;Ope cribri" is less classical than "per cribrum."

Tegula.

¹Charta; ²chartula; chartulæ.

¹Charta bibula; ²c. emporetica; ³c. cærulea; ⁴c. epistolaris; ⁵c. augusta; ⁶c. cerata; ⁊c. lævigata seu dentata; ⁶c. exploratoria [cærulea vel rubefacta].

¹Charta pura; ²schediasma.

Dentur in chartis,

A tile.

Paper; <sup>2</sup>a small piece of paper; small papers [as the papers kept ready cut in apothecaries' shops].

<sup>1</sup>Bibulous or blotting paper; <sup>2</sup>pack or brown paper; <sup>3</sup>blue paper; <sup>4</sup>writing paper; <sup>5</sup>fine paper; <sup>6</sup>waxed paper; <sup>7</sup>smooth paper; <sup>8</sup>test paper [blue or reddened].

<sup>1</sup>Clean paper (not written on);
<sup>2</sup>waste paper.

Let them be sent in papers.

[Other terms pertaining to pharmaceutical instruments, &c., which occasionally occur in prescriptions, have been already mentioned.

Relating to plasters . . . p. 25–28.

" electrifying . . p. 35–39.

" galvanising . . p. 39–41.

" magnetising . . p. 41–42.

" bathing, . . . p. 53–58.

" measures . . . p. 58–63.]

Sect. 21.—De instrumentis chi- Of Surgical Inrurgicis. struments.

Bracherium seu retinaculum. A bandage for hernia (i. e. a truss).

<sup>1</sup>Ferula; canalis; canalicus; <sup>1</sup>A splint; <sup>2</sup>a sling.

<sup>2</sup>mitella.

Sypho (¹eburneus, ²vitreus).

Spongia, spongiola. Penicillus *vel* penicillum.

Ope penicilli camelini.

<sup>1</sup>Fistula: <sup>2</sup>tubus; <sup>3</sup>calamus.

Per fistulam vitream.

A syringe (livory, 2glass).

A sponge.

A painter's pencil

By means of a camel's hair pencil.

<sup>1</sup>A pipe; <sup>2</sup>a tube; <sup>3</sup>a reed.

Through a glass tube.

[Other terms pertaining to surgical instruments, which occur in prescriptions, have been before mentioned.

Relating to blood-letting . . p. 16.

" cupping . . . p. 18–23.
" tooth-drawing . . p. 23.
" shaving . . . p. 31–32.
" issues and setons . p. 32–35.
" injections . . . p. 47–51.
" catheterism . . p. 51.]

Sect. 22.—De modis pharma- Of Pharmaceutical Operations. ceuticis.

Formula, ratio, modus, &c.; A process, operaprocessus, operatio.

Compositio, Præparatio.

Parare, \* comparare, conficere, To prepare or comcomponere, præparare.

Medicamentum curatum, præ- A prepared or paratum.

Ad aptam crassitudinem; ad To a proper conaptam mollitiem; ad idoneam sistence. spissitatem; ad debitam spissitudinem; ad debitam tenacitatem.

Ad gratam aciditatem (vel acer- To an agreeable acidity. bitatem).

Concusso prius vitro; phialâ The bottle being prius concussa; vase prius previously agitato; ante usum concu- shaken.‡ tiendo lagenam.

tion, &c.

A preparation.

treated medicine.

\* "In stating how a medicine was to be prepared, as indeed in ordering at any time, it was more usual among the Romans, and apparently considered less arbitrary and offensive, to use the future of the indicative than the imperative mood. Thus 'Mittes in ollam et calefacies' seems to be a politer as well as more classical form of expression than the modern one of 'Mitte et calefac.' "-Horæ Subsecivæ.

† "In almost the only example of the use of this word by Celsus, it evidently signifies not treated, in general, for medicinal use, but 'got ready before.' 'Curatus,' in the former sense, is

common both in Celsus and Pliny."-Horæ Subsecivæ.

# The Homeopathists are of opinion that rubbing or shaking augments the activity of a medicine. Hence they lay down the exact period of time requisite for these operations, or the number of rubs and shakes the medicine is to receive. For example, in dissolving a solid in water, we are told to move the phial "circa axin suam,' and at each attenuation to shake it twice-"bis, brachio quidem bis moto, concute"!!

<sup>1</sup>More solito; <sup>2</sup>modo præscripto. <sup>1</sup>In the accustomed

manner; <sup>2</sup>in the manner; prescribed.

Accurate pensus.

Accurately weighed.

Peractâ effervescentiâ.

The effervescence being finished.

### CHAPTER VI.

NOMENCLATURE EMPLOYED IN PRESCRIPTIONS.

The Latin names by which the various articles of the Materia Medica are usually designated in prescriptions, are those employed in the Pharmacopœia. They are, for the most part, scientific. Many of the medicines of recent discovery have, in fact, only scientific names; as the salt called iodide of potassium (potassii iodidum), or, less correctly, hydriodate of potash (potassæ hydriodas). But those substances which were known to the ancient Greeks and Romans have also their appropriate classical names; as spuma argenti (litharge), alumen (alum), &c. Lastly, there is another description of names which, as being neither scientifical nor classical, I shall call barbarous. These are the names applied to substances discovered subsequent to the downfall

of the Roman empire, but anterior to the introduction of a scientific nomenclature into pharmacy. Calomel\* (calomelas) and corrosive sublimate (sublimatus corrosivus) are illustrations of the last class of names.

The following are a few examples of the unscientific names formerly in use: those in italics occur in Celsus:—

- 1. Mineral Substances.—Ærugo, alumen, atramentum sutorium (sulphate of iron), auripigmentum (orpiment), borax, butyrum antimonii, calx, calomel or mercurius dulcis, causticum lunare, cerussa, cinnabaris, cremor tartari, kali, minium, natron, nitrum (carbonate of soda), plumbum album (stannum), sal ammoniacum, sal commune, sal tartari, sandaracha (realgar, or red arsenic), spuma argenti (lithargyrus), squama ferri, spiritus nitri (nitric acid), sublimatus corrosivus, tartarum emeticum.
- 2. Vegetable Substances.—Ammoniacum, amylum, anethum, balsamum (balm of Gilead),

<sup>\*</sup> Various opinions are held respecting the meaning of the word "Calomel." Some assert that Sir Theodore Turquet de Mayerne (who first employed the words Calomelas and Mercurius Calomelanius) applied this term to it in consequence of his having had a black servant who prepared it; others say, "quod nigro humori sit bonum," a good (καλός) remedy for black (μέλας) bile.

cassia, cicuta, galbanum, hyoscyamus, papaveres lachrymæ (opium), piper longum, ruta, veratrum album, thus, sinapis, pyrethrum.

3. Animal Substances.—Ichthyocolla, sanguisuga (hirudo), sepia.

For the nomenclature now used in Botany and Zoology we are indebted to Linnæus. Rivinus, indeed, "has the merit of originality, having been the first to contrive naming each plant in two words. But his names were meant for specific definitions, for which they are wholly inadequate. Linnæus, in constructing his more accurate and full specific characters, intended the latter should serve as names, and, therefore, called them nomina specifica. When he, most fortunately for the science and for the popularity of his whole System of Nature, invented the present simple specific names, he called them nomina trivialia,—trivial, or for common use; but that term is now superfluous."\*

The nomenclature now employed in Chemistry is that proposed by the French chemists,† Morveau, Lavoisier, Berthollet and Fourcroy; but modified so as to suit the present state of science. When the philosophical world had adopted the reformed

<sup>\*</sup> Sir James Edward Smith's Introduction to Physiological and Systematical Botany, 4th ed. p. 288. 1819.
† Méthode de Nomenclature Chimique. Paris, 1787

chemical nomenclature, the medical colleges substituted, for the ancient names of medicines, scientific ones, expressive of the supposed nature or composition of these substances. From this proceeding both advantages and disadvantages have resulted to Pharmacy, though on the whole the former greatly preponderate over the latter. Uniformity of nomenclature could be obtained in no other way. For though, by the adoption of the arbitrary classical and barbarous names used by the ancient writers, convenient terms (having no reference to the nature or composition of the substances to which they are applied) might be obtained for all the older medicines, we should still be obliged to resort to a scientific nomenclature for newly-discovered substances which have had no arbitrary or unscientific names given to them. The use of a philosophical language has another and obvious advantage. It renders intelligible in all countries, and at all times, the terms employed by the pharmaceutist. "Let the reader," says Dr. Paris,\* "wade through the prescriptions of the older writers, and he may well fancy himself in the land of Shinar; whereas, by adopting the recognized language of science, whatever may be its future revolutions, the articles of the Materia

<sup>\*</sup> Pharmacologia, 9th ed. p. 102.

Medica will be readily identified in every age and country."

It must be admitted however, that great inconvenience, not to say danger, attends the employment of a philosophical nomenclature in pharmacy. Scientific names represent opinions rather than facts, and hence require to be altered according to the fashion of the day. The numerous changes in scientific nomenclature which have occurred during the last forty years have proved extremely embarrassing and vexatious both to the pharmaceutist and medical practitioner;\* and we have only to look at the writings of some of the most distinguished scientific chemists of the present day to see that a change is now taking place more extensive and important than any that has occurred for more than half a century.

In the British Pharmacopœia, 1864, several alterations have been made in the names by which chemical substances are proposed to be called when used in medicine. The following table represents

<sup>\*</sup> At the time when malignant cholera was raging in England, an old medical practitioner residing more than 100 miles from the metropolis, thus accosted the traveller of a London druggist: "I hear that chloride of sodium is a good remedy for cholera; and as I should like to try it, I will thank you to send me four ounces of that substance, provided it be not very costly. The traveller, who knew as little of modern chemical nomenclature as his customer, sent the order to his employer in London, and, in due time, the disciple of Æsculapius received "per coach," much to his surprise, four ounces of table valt!

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the names used in the London Pharmacopæia of 1851, and the new names used for the same substances in the British Pharmacopæia.

London Pharm. 1851.	British Pharm. 1864.
Ammoniæ sesquicarbo-	Ammoniæ carbonas.
nas.	
Antimonii oxysulphu-	Antimonium sulphura-
retum.	tum.
——— potassio-tar-	———- tartaratum.
tras.	
Bismuthi nitras.	Bismuthum album.
Calx chlorinata.	Calx chlorata.
Chloroformyl.	Chloroformum.
Ferri ammonio-citras.	Ferri et ammoniæ citras.
carbonas cum sac-	—— carbonas saccha-
charo.	rata.
—— potassio-tartras.	Ferrum tartaratum.
sesquioxidum.	Ferri peroxidum.
Hydrargyri ammonio-	Hydrargyrum ammonia-
chlorid.	tum.
	(Calomelas.
chloridum.	Hydrargyri subchlo- ridum.
	(Hydrargyrum corrosi-
bichloridum.	yum sublimatum. Hydrargyri chlori-
	dum.
iodidum.	iodidum
	vivido

London Pharm, 1851.

British Pharm, 1864.

Hydrargyri nitrico-oxi- Hydrargyri oxidum ru-

brum.

dum.

Iodum.

Iodinum.

Magnesia levis.

Magnesia.

Magnesiæ carbonas.

Magnesiæ carbonas levis.

Plumbi oxidum.

Lithargyrum.

Potassæ bitartras.

Potassæ tartras acida.

----- hydras.

Potassa caustica.

Potassii sulphuretum.

---- sulphurata.

Quinæ disulphas.

Quiniæ sulphas.

Sodæ chlorinatæ liquor.

Sodæ chloratæ liquor.

— potassio-tartras.

— et potassæ tartras.

Spiritus ætheris nitrici.

Spiritus ætheris nitrosi.

Sulphur.

Sulphur sublimatum.

### CHAPTER VII.

ON THE ABBREVIATIONS AND CONTRACTIONS USED IN PRESCRIPTIONS.

To save time and space, the words employed in prescriptions are frequently abbreviated or contracted; but the practice is objectionable, and in many cases dangerous.\*

<sup>\*</sup> The use of abbreviations is sanctioned by Cicero. "When Pompey was about to consecrate the temple of Victory, a difficulty arose as to the manner in which he should express his third con-

It not unfrequently happens that the abbreviations used to designate certain medicines are equally applicable to other articles contained in the Pharmacopœia; and, therefore, errors may be readily made in dispensing. The following are a few examples:—

Abbreviations.

Medicines to which they may apply.

Acid. Hydroc.\*

Acidum Hydrochloricum, or Acidum Hydrocyanicum.

Aconit.

Aconitum (the plant), or Aconita (the alkaloid).

Ammonia (the alkali), or Ammoniacum (the gum resin).

Aq. Fontis.†

Medicines to which they may apply.

Acidum Hydrochloricum, or Acidum Hydrochloricum, or Acidum Hydrocyanicum.

Acid. Hydroc.\*

Acidum Hydrochloricum, or Acidum Hydrochloricum, or Acidum Hydrocyanicum.

Acid. Hydroc.\*

Acidum Hydrochloricum, or Acidum Hydrochloricum, or Acidum Hydrocyanicum.

Acid. Hydroc.\*

Acidum Hydrochloricum, or Acidum Hydrocyanicum.

Acidum Hydrochloricum, or Acidum Hydrocyanicum.

Acidum Hydrochloricum, or Acidum Hydrocyanicum.

Acidum Hydro

sulship; whether it should be Consul Tertio, or Consul Tertium. The learned men of Rome were divided in opinion, and Cicero left this question undecided; for, in order to satisfy all parties, he directed it should be abbreviated as Consul Tert."—Paris:

Pharmacologia, p. 467, 9th ed.

\* This abbreviation is frequently used to designate hydrocyanic or prussic acid (see a case mentioned in the Pharmaceutical Journal, vol. ii. p. 539). It is also sometimes employed to indicate hydrochloric acid. Mr. Richard Phillips (Pharm. Journ. vol. ii. p. 320) applied to a chemist to have a prescription prepared, in which twenty drops of hydrochloric acid were directed to be taken twice a day. The dispenser gave him hydrocyanic for hydrochloric acid, and omitted to put the number of "drops" to be taken.

† The following alarming mistake occurred within the know-ledge of Dr. Paris, who relates the anecdote:—"I had been sent for to see a child with hooping-cough; on entering the apartment I found its mother in considerable pain in her hand and arm. A medical man had just prescribed for the child, and his prescription was sent to a neighboring chemist; the bottle arrived, when the mother, on taking it in her hand, in order to administer it according to the directions given, was surprised by the expulsion of the cork, and the contents of the phial flying over her hand and arm. On seeing the prescription, and the effect it had produced, I at once perceived the nature of the mistake. The prescription is now before me, and I will copy it literatim:—R Syr. Papav. alb. 3ij.; Aquæ fontis 3vi. ft. mistura ut dict. sumend. The

(Calcii Chloridum (muriate of lime), or Calc. Chlor. Calcis Chloridum (chloride of lime, or bleaching powder). Emplastrum Lithargyri. May be misread Emp. Lyth. \* for Emp. Lytt. (Emplastrum Lyttæ). Extractum Colchici, or Ext. Col. Extractum Colocynthidis. (Hydrargyrum (quicksilver), or Hydras (hydrate), or Hydr.† ≺ Hydriodas (hydriodate), or Hydrochloricum (hydrochloric), or Hydrocyanicum (hydrocyanic). Hydras Potassæ (potassa fusa), or Hydr. Potassæ. t Hydriodas Potassæ (iodide of potassium).

down stroke of the n might certainly have been mistaken for r, but this was no excuse for the chemist, who ought to have known that the prescriber never could have meant to give the child Aqua fcrtis." (This prescription is in the Museum of the Pharmaceu-

tical Society.

\* "One of our eminent surgeons having occasion to direct the application of a lead plaster (Emplast. Litharg. P. L. 1787), he abbreviated the term as follows, substituting at the same time y for that of i,—Emp. Lyth., when the compounder, reading the hfor the t, sent the Emplast. Lyttæ! As it was applied to the groin, it is scarcely necessary to state the distress of the patient and the dismissal of the practitioner."—Paris.

† The abbreviation Hyosc. (Hyoscyamus) may be written so illegibly as to be confounded with Hydrar. (Hydrargyrum)

† Mr. Richard Phillips states (Pharm. Journ. vol. iii. p. 244) that he presented to a chemist and druggist a paper on which was clearly written "Potassæ Hydratis 3ij.," and he was supplied with iodide of potassium, labelled "Hydr. Pot. 3ij." The following is an instance in which the converse error was made, and hydras potassæ substituted for iodide of potassium: - An apprentice who had been seventeen months at the business of a chemist and druggist, was left in care of the shop while his master attended courch. A prescription, of which the following is a copy, was left to be dispensed :-

R Hydr. Potassæ 3iss.

Syr. Croci 3j.

Aquæ 3vij. M. capiat cochl. amp. ter in die.

The youth had received strict orders never to prepare any medicine that he had the least doubt of: the medicine was wanted immediately, and on referring to the Pharmacopæia he found that the only preparation of potash with the above commencement

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Hydr. Bic.	Hydrargyri bichloridum (corrosive subli- limate), or Hydrargyri bicyanidum (bicyanide of mer- cury).
Hydr. Bin.	Hydrargyri biniodidum (red iodide of mercury), or Hydrargyri binoxydum (red oxide of mercury).
Hydr. Oxyd. N.	Hydrargyri oxydum nigrum (black oxide of mercury), or Hydrargyri oxydum nitricum (red precipitate).
Menth. P.	{ Mentha piperita (peppermint), or Mentha pulegium (pennyroyal).
Potas. Potas. Hydr.	Potassium (the metal), or Potassa (potash) (See Hydr. Pot.).
Potas. Sulph.	Potassii sulphuretum (liver of sulphur), or Potassæ sulphas (sulphate of potash).
Sod.	Sodium (the metal), or Soda (soda).
Sod. Chlor.	Sodii chloridum (common salt), or Soda chlorinata (chlorinated soda or Sodæ chloridum bleaching liquid).
Sulph.	Sulphur (brimstone). Sulphuretum (sulphuret), or Sulphas (sulphate).

"In writing directions for taking any sort of medicine, avoid abbreviations as much as possible. Let numbers be expressed in words, not in figures; and let every word, throughout, be perfectly legible.

"Do not write a label in this manner:— Dissolve these ingredients in ½ a pint of gruel or broth; take 4 tablespfls. at 1st, and 2 tablespfls. every ½ hour

was "Potassæ Hydras:" this he used, and fortunately, the error being discovered after one dose only had been taken, and the proper antidotes being administered early, the patient is not likely to feel any ill effects from it.—Pharmaceutical Journal, vol. ii. p. 539.

until it operates; adding, wn you take each dose, 2

teaspfls. of the Tinct. sent herewith.'

"But write it in this manner:—'Dissolve these ingredients in half a pint of gruel or broth, and take four tablespoonfuls at first, and two tablespoonfuls every half hour until it operates; adding, when you take each dose, two teaspoonfuls of the Tincture sent herewith.'

"I have known, even in cases where a man writes a very good hand, mistakes made by figures resembling others, or being mistaken for others, by readers whose sight was not good. I have known a 3 resembling an 8, and being mistaken for it; a 4 resembling a 7, and often a 7 for a 4. In writing, for the word half, the abbreviation  $\frac{1}{2}$ , the 1 is often expressed by a dot so small as to be scarcely visible, while the 2 is much larger than it ought to be [thus, 1]. The consequence has been that a medicine ordered to be administered every half hour, in a case of extreme danger, has been given only every two hours, and the patient died."-Chamberlain's Tirocinium Medicum.

The following is a List of Abbreviations and Contractions more or less frequently met with in

prescriptions :-

A. aa. ana (ava), of each ingredient. It signifies equally of weight or measure, and in this sense it is used by Hippocrates and Dioscorides. A. or aa. is used for brevity. In the Pharmacopæia, the term singulorum is employed instead of ana.

Abdom. Abdomen, the belly; abdominis, of the

belly; abdomini, to the belly.

Abs. febr. Absente febre, in absence of the fever.

Ad 2 vic. Ad duas vices, at twice taking.

Ad 3tiam vicem. Ad tertiam vicem, for three times.

Ad gr. acid. Ad gratam aciditatem, to an agreeable sourness.

Ad def. animi. Ad defectionem animi, to fainting.

Ad libit. Ad libitum, at pleasure.

Add. Adde, or addantur, add, or let be added; addendus, to be added; addendo, by adding.

Adjac. Adjacens, adjacent.

Admov. Admove, or admoveatur, or admoveantur, apply, or let be applied.

Adst. febre. Adstante febre, when the fever is on.

Adv. Adversum, against.

Aggred. febre. Aggrediente febre, while the fever is coming on.

Altern. horis. Alternis horis, every other hour. Alvo adst. Alvo adstrictâ, when the belly is bound.

Aq. astr. Aqua astricta, frozen water.

Aq. bull. Aqua bulliens, boiling water.

Aq. com. Aqua communis, common water.

Aq. fluv. Aq. fluviatilis, river water.

Aq. mar. Aqua marina, sea water.

Aq. niv. Aqua nivalis, snow water.

Aq. pluv. Aqua pluviatilis, or Aqua pluvialis, rain water.

Aq. ferv. Aqua fervens, hot water.

Aq. font. Aqua fontana, or Aqua fontis, or Aqua fontalis, spring water.

Bis ind. Bis indies, twice a day.

Bib. Bibe, (drink thou.)

BB. Bbds. Barbadensis, Barbados; or Aloë\*
Barbadensis.

<sup>\*</sup>  $Alo\ddot{e}$  is a feminine noun of the first declension, but having a Greek termination (' $A\lambda\dot{e}\eta$ ) is thus declined: N.  $alo\ddot{e}$ , G.  $alo\ddot{e}s$ , D.  $alo\ddot{e}$ , A.  $alo\ddot{e}$ , V.  $alo\ddot{e}$ , Ab.  $alo\ddot{e}$ .

B. M. Balneum Mariæ, or Balneum Maris, a warm water bath.

Bull. Bulliat, or bulliant, let boil.

But. Butyrum, butter.

B. V. Balneum vaporosum, or Balneum vaporis a vapor bath.

C. Cum, with.

Cærul. Cæruleus, blue.

Cap. Capiat, let the patient take.

Calom. Calomelas (from καλός, good, and μέλας,

black), calomel, or the chloride of mercury.

C. C. Cornu cervi, hartshorn. Cucurbitula cruenta, a cupping-glass with the scarificator. It means, literally, "the bloody cupping-glass."

C. C. U. Cornu\* cervi ustum, burnt hartshorn.

Coch. a spoonful; a tablespoonful.† Cochleat. Cochleatim, by spoonfuls.

Coch. ampl. Cochleare amplum, a large (or table) spoonful. About half an ounce of watery fluids and two or three drachms of alcoholic.

Coch. infant. Cochleare infantis, a child's spoon-

ful.

Coch. magn. Cochleare magnum, a large spoonful.

Coch. med. Cochleare medium, a middling Coch. mod. Cochleare modicum, or moderate spoonful; that is, a child's or dessertspoonful. About two fiuidrachms of distilled water.

Coch. parv. Cochleare parvum, a small (or tea) spoonful. It contains about one fluidrachm of dis-

<sup>\*</sup> Cornu belongs to the fourth declension, but, like all other nouns in u, is inde linable in the singular, though regular in the plural; as plural N. cornua, G. cornuum, D. cornibus, A. cornua, V. cornua, Ab. cornibus.

<sup>†</sup> See page 60.

tilled water. I find that a teaspoonful of this size will hold from half a drachm to two scruples of the common carbonate of magnesia, when heaped up; or about two drachms of sublimed sulphur.

Col. Cola, strain.

Col. Colatus, strained.

Colet. Colat. Coletur, let it be strained; colaturæ, to the strained liquor.

Colent. Colentur, let them be strained.

Color. Coloretur, let it be colored.

Comp. Compositus, a, um, compounded.

Con. Concisus, cut.

Cong. Congius, a gallon.

Cons. Conserva, a conserve; also, keep thou.

Cont. rem, Continuentur remedia, let the medicines be continued.

Coq. Coque, boil; coquantur, let them be boiled. Coq. ad med. consumpt. Coque ad medietatis consumptionem, boil to the consumption of half.

Coq. in S. A. Coque in sufficiente quantitate

aquæ, boil in a sufficient quantity of water.

Cort. Cortex, bark.

C. v. Cras vespere, to-morrow evening.

C. m. s. Cras mane sumendus, to be taken tomorrow morning.

C. n. Cras nocte, to-morrow night.

Crast. Crastinus, for to-morrow.

Cuj. Cujus, of which.

Cujusl. Cujuslibet, of any.

Cyath. theæ. Cyatho theæ, in a cup of tea.

Cyath. Cyathus, vel a wine glass.

C. vinar. Cyathus vinarius, About two ounces of watery liquids (see page 60). In the Paris Pharmacopœia it is estimated at five ounces.

Deaur. pil. Deaurentur pilulæ, let the pills be gilt.\*

Deb. spiss. Debita spissitudo, a proper consist-

ence.

Dec. Decanta, pour off.

Decub. Decubitûs, of lying down.

De d. in d. De die in diem, from day to day. Deglut. Deglutiatur, may be (or let be) swallowed.

Dej. alvi. Dejectiones alvi, stools.

Det. Detur, let it be given.

Dieb. alt. Diebus alternis, every other day.

Dieb. tert. Diebus tertiis, every third day.

Dil. Dilue, dilutus; dilute (thou), diluted.

Diluc. Diluculo, at break of day. Dim. Dimidius, one-half.

D. in 2plo. Detur in duplo, let twice as much be given.

<sup>\* &</sup>quot;The practice of gilding pills was formerly very much in request; but for the last fifty years it has grown into disuse. Nevertheless, as unlikely things do sometimes occur, it might so happen that some very particular old lady or gentleman, placing peculiar confidence in some prescription of a hundred years old, at the foot of which the words 'Deaurentur pilulæ' are written, might not be satisfied without having the same medicine in its usual splendor; therefore it is well that we should know how to do this, especially as it is the easiest and simplest thing in the world. Open a book of leaf gold or leaf silver, and having formed your pills perfectly round, lay them without rolling them in any sort of powder on the leaf of gold, or silver, at equal distances. For boluses, four are enough for one leaf; for large pills, eight or twelve; and for very small ones, sixteen or twenty upon one leaf: then pour off the pills, gold and all, from off the book, into a clean and perfectly dry gallipot, cover the gallipot with the palm of your hand, and shake it round and round, in the same manner as on ordinary occasions you would do if you were going to roll them in any sort of powder; and, on taking them out, you will find the pills perfectly covered with the leaf gold, or leaf silver."-Chamberlain's Tyrocinium Medicum.

D. in p. æq. Dividatur in partes æquales, let it be divided into equal parts.

D. P. Dir. prop. Directione propria, with a

proper direction.

Donec alv. bis dej. Donec alvus bis dejiciatur,

until the bowels have been twice evacuated.

Donec alv. sol. fuer. Donec alvus soluta fuerit,

until the bowels be opened.

Donec dol. neph. exular. Donec dolor nephriticus exulaverit, until the nephritic pain is removed.

D. Dosis, a dose.

Eburn. Eburneus, made of ivory.

Ed. Edulcorata, edulcorated.

Ejusd. Ejusdem, of the same.\*

Elect. Electuarium, an electuary.

Enem. Enema,† a clyster; enemata, clysters.

Exhib. Exhibeatur, let it be exhibited.

Ext. sup. alut. moll. Extende super alutam mollem, spread (thou) upon soft leather.

F. Fac, t make; fiat, fiant, let it be made.

F. pil. xij. Fac pilulas duodecim, make 12 pills. Fasc. Fasciculus, a bundle which can be carried under the arm.?

† This word is commonly, though erroneously, pronounced

Enēma.

<sup>\*</sup> Dr. Mason Good relates the following anecdote:—"A gentleman of Worcester, who does not practice pharmacy, prescribed for his patient as follows:

R. Decoct. Cascarillæ, 3vj.
Tincturæ Ejusdem, 3j. Misc.

The shopman of a neighboring apothecary, to whom the prescription was sent, took it to the gentleman who had written it, to know what he should substitute for the *Tincturæ Ejusdem*, which he could not procure in any of the shops in the whole city "

<sup>‡</sup> Fac is used as the imperative, instead of Face (from Facio), which is but seldom found.

<sup>§</sup> The terms Fasciculus, Manipulus, and Pugillus, are applied

Feb. dur. Febre durante, during the fever.

Fem. intern. Femoribus internis, to the inner part of the thighs.

F. venæs. Fiat venæsectio, bleed.

F. H. Fiat haustus, let a draught be made.

Fict. Fictilis, earthen.

Fil. Filtrum, a filter. Filtra, filter (thou).

Fist. arm. Fistula armata, a clyster-pipe and bladder fitted for use.

Fl. Fluidus, liquid; also, by measure.

F. L. A. Fiat lege artis, let it be made by the rules of art.

F. M. Fiat mistura, let a mixture be made.

Frust. Frustillatim, in little pieces.

F. S. A. Fiat secundum artem, let it be made according to art.

F. S. A. R. Fiat secundum artis regulas, let it

be made according to the rules of art.

Gel. quav. Gelatina quavis, in any kind of jelly.

G. G. G. Gummi\* guttæ gambæ, gamboge.

Gr. Granum, grain; grana, grains.

Gr. vj. pond. Grana sex pondere, six grains by weight.

Gtt. Gutta, a drop; guttæ, drops.†

principally to the measure of herbs and flowers (see pp. 62, 118, and 119). There is a considerable discrepancy among authors as to the quantities implied by these terms, as the following table will show:

Linnæus. Geiger. Paris Pharmacop. 3ss. to 3j. 3j. to 3ij. Manipulus .......... 5iv. Siv. 3j. to 3iiss. Fasciculus ...... 3vj. 3j.

\* Nouns in i, as Gummi, are for the most part indeclinable in

both numbers.

† The sp. gr. and cohesive power of liquids are various: hence the weight and the size of drops of different liquids are liable to

Gutt. quibusd. Guttis quibusdam, with a few drops.

Guttat. Guttatim, by drops.

Har. pil. sum iij. Harum pilularum sumantur tres, let three of these pills be taken.

Hb. Herba, a herb.

H. D. or Hor. decub. Horæ decubitûs, at the

hour of going to bed.

H. p. n. Haustus purgans noster, a formula of purging draught, made according to a practitioner's own private pharmacopæia.

H. S. or Hor. som. Hora somni, just before

going to sleep; or, on retiring to rest.

Hor. un. spatio. Horce unius spatio, at the ex-

piration of an hour.

Hor. interm. Horis intermediis, at the intermediate hours between what has been ordered at stated times.

Hor. 11mâ mat. Horâ undecimâ matutinâ, at the eleventh hour in the morning.

Ind. Indies, from day to day, or daily.

In pulm. In pulmento, in gruel.

Inc. Incide, incisus; cut (thou), being cut.

considerable variation. The following table, deduced from Mr. Shuttleworth's experiments, proves these statements:

1 Fluidrachm of	Grains.	Drops.
Distilled Water consists of	. 60	or 60
Solution of Arsenic	. 60%	or 60
White Wine	. 583/	or 94
Ipecacuanha Wine	. 593/4	or 84
Antimonial Wine	. 593/	or 84
Rectified Spirits of Wine	. 51%	or 1511/2
Proof Spirit	. 551/4	or 140
Laudanum	. 591/2	or 134
Tincture of Foxglove	. 58	or 144

The sizes of the drops of liquid also vary according to the shape of the vessel, as well as according to the part of the lip of the same vessel. Hence measuring by drops ought to be entirely abolished.

Inf. Infunde, pour in.

Inj. enem. Injiciatur enema, let a clyster be given.

Jul. Julepus, Julepum, Julapium, a Julep.\*

Kal. ppt. Kali† præparatum (Potassæ Carbonas, Ph. L.), prepared kali, or carbonate or subcarbonate of potash.

Lat. dol. Lateri dolenti, on the side that is

painful.

M. Misce, mix; mensurâ, by measure; manipu-

lus, a handful; minimum, a minim.

Mane pr. Mane primo, very early in the morning.

Man. Manipulus, a handful.;

Min. Minimum, the sixtieth part of a drachm measure. Minutum, & a minute.

M. P. Massa pilularum, a pill mass.

MR. Mistura, a mixture.

Mic Pan. Mica panis, crumb of bread.

\* Julep or Julapium is derived from the Arabic (juleb or julleb). The Persians have admitted the word into their language, and write it julab. It imports literally a sweet medicated drink.—
Good's Nosology

† Kali and alkali, commonly supposed to be Arabic, are Persian terms, Kalia and Alkali,—far more euphonious names than the indeclinable nouns in general use,—and signify the ashes of marine plants: whence the Turks employ Kal for ashes in general, as well as their Lixivium.—Good's Nosology.

The following table shows the value of a Manipulus:

	Grammes.	3.	3. Gr.
Manipulus seminum hordei	101,40 or	3	2 5
lini	47,60 or	1	4 141/2
farinæ de semine lini	105,00 or	3	3 01/2
foliorum malvæ siccorum	43,90 or	1	3 171/2
cichorii siccorum	32,00 or	0	8 14
florum tiliæ	40,10 or	1	2 18

§ Minutum is occasionally found in prescriptions, but is very barbarous Latin. The proper Latin for a minute is sexagisma pars horæ.

Mitt. Mitte, send; mittatur, or mittantur, let be sent.

Mitt. sang. ad Zxij. saltem. Mitte sanguinem ad uncias duodecim saltem, take away blood to 12 oz. at least.

Mod. præsc. Modo præscripto, in the manner prescribed.

More dict. More dicto, in the manner directed.\*

Mor. sol. More solito, in the usual manner.

Ne tr. s. num. Ne tradas sine nummo, do not deliver it unless paid. (Used by apothecaries as a caution to the assistant, when the presence of the patient prevents the master giving a verbal direction.)

N. M. Nux moschata, a nutmeg.

No. Numero, in number.

O. Octarius, a pint.†

Ol. lini s. i. Oleum lini sine igne, cold-drawn linseed oil.

Omn. hor. Omni horâ, every hour.

Omn. bid. Omni biduo, every two days.

Omn. bih. Omni bihorio, every two hours.

O. M., or Omn. man. Omni mane, every morning.

† The pint measure of the London Pharmacopæia (1851) con-

tains twenty fluidounces.

<sup>\*</sup> A physician who is in the habit of leaving verbal directions with the patient how his medicines are to be taken, and very frequently writes the prescription in Latin, but very short directions in English, wrote, at the foot of his prescription, sum more dict., "to be taken in the manner directed." The c in dicto being either carelessly written as an e, or mistaken as such, the apprentice read it diet, and, as he did not understand Latin, and the doctor often wrote directions in English, he took it to be "some more diet," and therefore was quite proud of the elegance of his translation, in writing "to be taken with a more liberal allowance of food."—Tyrocinium Medicum.

O. N., or Omn. noct. Omni nocte, every night. Omn. quadr. hor. Omni quadrante horæ, every quarter of an hour.

O. O. O. Oleum olivæ optimum, best olive oil.

Ov. Ovum, an egg.\*

Oz. The ounce avoirdupois, as distinguished from the Troy ounce.

P. a., Part. agual. Partes aguales, equal parts.

P. d. Per deliquium, by deliquescence.

Past. Pastillus, Pastillum (dim. of pasta, a lozenge), a little lump or ball of paste, to take like a lozenge, a troch, or pastil.

P. Pondere, by weight.

P. C. Pondus civile, civil weight (Avoirdupois weight).

P. M. Pondus medicinale, medicinal weight

(Apothecaries' weight).

Ph. D. Pharmacapæia Dublinensis. Ph. E. Pharmacapæia Edinensis.

Ph. L. Pharmacopæia Londinensis.

Ph. U. S. Pharmacopæia of the United States. Part. vio. Partitis vicibus, in divided doses.

Per. op. emet. Peractâ operatione emetici, when

the operation of the emectic is finished.

Pocul. Poculum, a cup. A teacup holds from four to six ounces of distilled water.

Pocill. Pocillum, a little cup.

Post sing. sed. liq. Post singulas sedes liquidas, after every loose stool.

Ppt. Præparata, prepared.

* According to the Paris Pharmacopæia,	5.	5.	Gr.
A fresh egg, of large size, weighs	2	2	0
without the shell	2	0	0
The white weighs		2	57
The yolk		5	15
11			

P. r. n. Pro re nata, according as circumstances arise (that is, occasionally).

P. rat. æt. Pro ratione, ætatis, according to the

age of the patient.

Pug. Pugillus, a pinch; a gripe between the thumb and the two first fingers.\*

Pulv. Pulvis, pulverizatus; a powder, powdered.

 $Q.\ l.$  Quantum lubet.  $Q.\ p.$  Quantum placet, as much as you please.

Q. s. Quantum sufficiat, or quantum satis, much as is sufficient.

Quor. Quorum, of which.

Q. V. Quantum vis, quantum volueris, as much as you will.

Red. in pulv. Redactus in pulverem, powdered. Redig. in pulv. Redigatur in pulverem, let it be

reduced to powder.

Reg. umbil. Regio umbilici, the umbilical region. Repet. Repetatur, repetantur, let it be continued.

S. A. Secundum artem, according to art.

Scat. Scatula, a box.

S. N. Secundum naturam, according to nature. Semidr. Semidrachma, half a drachm.

Semih. Semihora, half an hour.

Sesunc. Sesuncia, an ounce and a half.

Sesquih. Sesquihora, an hour and a half.

Si n. val. Si non valeat, if it does not answer.

		6	rammes.	3.	9.	Gr.
Pugillus flo	rum anthemidis nobilis	 	7,80 or	2	0	0
	arnicæ montanæ	 	6,20 or	1	1	151/2
	tussilaginis farfaræ	 	6,20 or	1	1	151/2
	althææ officinalis	 	5,00 or	1	0	17
	malvæ	 	3,20 or	0	2	9
se	minum fæniculi	 	7,00 or	1	2	8
ar	isi	 	4,40 or	1	0	8

Si op. sit. Si opus sit, if there be occasion.

Si vir. perm. Si vires permittant, if the strength will bear it.

Signatura, a label (see p. 8).

Sign. n. pr. Signetur nomine proprio, let it be written upon with the proper name (not the trade name).

Sing. Singulorum, of each.

S. S. S. Stratum super stratum, layer upon layer.

Ss. Semi, a half.

St. Stet, let it stand; stent, lent them stand.

Sub fin. coct. Sub finem coctionis, when the boiling is nearly finished.

Sum. tal. Sumat talem, let the patient take one

like this.

Sum. Summitates, the summits or tops.

Sum. Sume, sumat, sumatur, sumantur, sumendus; take thou, let him take, let be taken, to be taken.

S. V. Spiritus vinosus, ardent spirit of any strength.

S. V. R. Spiritus vini rectificatus, rectified

spirit of wine.

S. V. T. Spiritus vini tenuis, proof spirit.

Tabel. Tabella (dim. of tabula, a table), a lozenge.

Temp. dext. Tempori dextro, to the right temple.\*

T. O. Tinctura opii, tincture of opium; generally confounded with laudanum, which is properly the wine of opium.

T. O. C. Tinctura opii camphorata, paregoric

<sup>\*</sup> Tempora, the temples, although generally used in the plural, yet is sometimes found in the singular.

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elixir.\* It is now called Tinct. camphoræ composita.

Trit. Tritura, triturate. Tra. Tinctura, tincture.

Troc. Trochisci, troches or lozenges.

Ult. præscr. Ultimo præscriptus, the last ordered.

V. O. S. Vitello ovi solutus, dissolved in the

yolk of an egg.

Vom. urg. Vomitione urgente, the vomiting being troublesome.

V. S. B. Venæsectio brachii, bleeding in the

arm.

Zz. Zingiber, ginger.

## CHAPTER VIII.

ON THE SYMBOLS OR SIGNS USED IN PRESCRIPTIONS.

Formerly the signs or symbols employed in chemistry and pharmacy as substitutes for words, were numerous. At the present time they are very few. The following alone deserve notice:

R. Syr. papav. alb. 3j. Tinc. opii C. 3ij. Aq. destill. v. M.

Unfortunately, the person to whom this prescription was brought, not being acquainted with the new name for paregoric elixir, and not attending to the C. (camphoratæ), made it with 3ij. Tincturæ opii; and, though he advised the woman to give the child only half the draught, it proved sufficiently strong to destroy life before the evening of the following day.

<sup>\*</sup> Dr. M. Good, in his History of Medicine, published in the year 1795, relates the following story:—A physician prescribed for the son of a poor woman, laboring under dyspnæa, the following draught, to be given at bedtime:

R Recipe, take. Ancient authors use this sign 24, being the old heathen invocation to Jupiter, seeking his blessing upon the formula, equivalent to the usual invocation of the poets and of Mahomedan authors, or the Laus Deo with which bookkeepers and merchants' clerks formerly began their books of accounts and invoices—a practice now almost extinct. "It is at present so disguised by the addition of the down stroke, which converts it into the letter R, that, were it not for its cloven foot, we might be led to question the fact of its superstitious origin." — Paris's Pharmacologia. (See Chap. I. p. 6).

m. Minimum, the sixtieth part of a fluidrachm.

Gtt. Guttæ, drops.

Gr. Granum or Grana A grain, or grains. The  $\frac{1}{480}$  part of the Troy ounce, the  $\frac{1}{5760}$  part of the Troy pound, or the  $\frac{1}{7000}$  part of the avoirdupois pound.\*

9. Scrupulus vel Scrupulum. A scruple, equal

to twenty grains troy.

3. Drachma, a drachm, equal to three scruples; or, in liquids, the eighth part of an ounce measure.

3. Uncia, an ounce troy; or, in liquids, the sixteenth part of a wine pint, or the twentieth part of the imperial pint.

<sup>\*</sup> In Ireland, an alteration was made in the weights used in medicine by the Dublin Pharmacopæia of 1850, the avoirdupois pound and ounce being substituted for the Troy weights of those denominations, and the ounce being divided into 8 drachms, the drachm into 3 scruples, and the scruple into 18.22 grains, so that the Irish medical weights from that time until the introduction of the British Pharmacopæia have been as follows:

<sup>1</sup> pound lb =16 ounces=7.000 grains. 1 ounce 3=8 drachms=437 5 grains. 1 drachm 3=3 scruples=54.68 grains. 1 scruple 3 =18.22 grains.

th. Libra, a pound Troy weight.

O. Octarius, a pint.

Fl. Fluid. Used as a prefix to certain measures to distinguish them from weights; thus fl., fluid-uncia: and flz., fluidrachma.

uncia; and flz., fluidrachma.

Ss. Semis, half. Used as an affix to weights and measures; as Zss., semiuncia; Zss., semi-

drachma; Ass., semiscrupulum.

The following are the weights and measures, with their symbols, as now used in the British Pharmacopæia.

#### WEIGHTS.

1 pound . . . lb.=16 ounces=7000 grains. 1 ounce . . . oz. =437.5 grains. 1 grain . . . . gr. = 1 grain.

#### MEASURES.

1 gallon . . . . C . . = 8 pints . . . . O viij.
1 pint . . . . O . . =20 fluid ounces . fl. oz. xx.
1 fluid ounce . fl. oz. = 8 fluid drachms fl. drs. viij.
1 fluid drachm fl. drm.=60 minims . . . min. lx.
1 minim . . . min. . = 1 minim . . . min. j.

It will be observed that with the exception of the symbols for the grain weight, and the gallon and pint measures, all the other symbols are altered. The avoirdupois pound is represented by the symbol lb., which is distinguished from that representing the Troy pound (fb) by the absence of the bar passing across the letters. The difference in this case is but slight, and in some instances in written prescriptions it may be scarcely perceptible, but in the other cases it would be obvious.

As the old symbols have been used in all prescriptions written before the publication of the British Pharmacopæia, and as many medical men will probably continue to use them, it has not been thought necessary to make any extensive change in the symbols used in previous editions of this work. Where the symbols fb, 3, 3, and 3 are used it will be understood that they refer to the Apothecaries' weight founded upon the Troy pound and ounce, the weights of the British Pharmacopæia being indicated by the symbols used in that work.

In the second and third part of this work, containing abbreviated and unabbreviated prescriptions, the terms used for representing the medicines ordered in such prescriptions, as well as the symbols representing the quantities, are not in many instances those of the British Pharmacopæia, the object originally contemplated having been to introduce the various terms and symbols which at different times have been employed in extemporaneous prescriptions. In some instances, however, the names of medicines have been altered in accordance with those now recognized by the highest medical authority, the old names having acquired a different meaning, as in the case of Hydrargyri chloridum, formerly applied to calomel, but now representing corrosive sublimate.

# Ancient Chemical Symbols.

Many of the hieroglyphics painted on the show bottles in the druggists' windows are without meaning, being the invention of the painter. Those which are intelligible are, for the most part, the characters formerly used to designate the seven anciently known metals, and which are the same as those employed by the astrologers to represent the planets. To these must be added the sign + (a Maltese cross), indicative of acrimony, indicated by the

sharp points surrounding it.

The astrological symbols employed by chemists to represent the ancient metals aptly express the properties, real or fancied, of the substances they

were intended to designate.

Gold, formerly called Sol, was represented by a circle  $\odot$ , which represented its perfection, its immutability, its density (for a sphere contains the greatest amount of matter under the smallest surface), and its simplicity; for the equality of the radii of a circle represents the equality of the parts and homogeneous nature of gold.

Silver, termed Diana or Luna, was characterized by, C because it was thought to be half gold, whose inward part turned outward makes pure gold. Neither gold nor silver was supposed to contain

anything acrid or corrosive.

Quicksilver, called Mercury, was represented by \$\forall (a symbol compounded of the hieroglyphic for gold, silver, and acrimony), indicating that its real nature or inmost part was pure gold, but that its top, face, or superficies, appeared like silver, whilst there lurked beneath something acrid and corrosive. Remove from it the appearance of silver, and its sharp corrosive quality, and you have pure gold (aurum vivum).

Copper, termed Venus, was indicated by Q, showing that this metal was, for the most part, gold combined with acridity. Remove the latter and you have real gold. Copper wants the silver face

of mercury.

Iron, called Mars, was represented by 3,—that is, gold with acridity; for iron was thought to con-

sist principally of gold profoundly concealed in it by a very evident acrimony, which, however, is only half that contained in mercury and copper, and, therefore, is represented by a kind of barbed point inclined to the right, a portion only of the sign expressive of acridity, and farther significative of the use of this metal in the service of the God of War.

Tin, termed Jupiter, was represented by 24, indicating that it was one half silver, the other half

acridity.

Lead was called Saturn, "not only," says Four-croy, "because they suppose this metal to be oldest, and, as it were, the father of all the others, but also because it was considered as very cold; because the property of absorbing, and apparently destroying, almost all the metals was attributed to lead in the same manner as fabulous history affirms that Saturn, the father of the gods, devoured his children." Its symbol was \(\bar{b}\), indicating that it was nearly all corrosive, but with some resemblance of silver.

### CHAPTER IX.

ON THE GRAMMATICAL CONSTRUCTION OF PRESCRIP-

It has been thought advisable to devote one chapter to a few remarks on the grammatical construction of prescriptions. The Rules of Syntax, with illustrations drawn from prescriptions, will be first given, and to these will be appended a grammatical explanation of a few prescriptions.

#### I .- THE RULES OF SYNTAX.

Those rules of syntax which require to be noticed here, are thirty-two in number. They may be conveniently arranged under the two heads of *Concords* and *Government*.

- a. Of Concords.—The Concords are four.\*
- 1. Of an Adjective, &c. with a Substantive.

2. Of a Verb with a Nominative.

- 3. Of a Relative with an Antecedent.
- 4. Of a Substantive with a Substantive.
- Rule 1. Adjectives, participles, and pronouns, agree with the substantive in gender, number and case; as—

Grana duo. Cochleare amplum. Haustus sumendus. Quâque nocte. Pannum laneum. Cataplasma calidum.

Rule 2. A personal verb agrees with its nominative in number and person; as—

Tu recipe. Mittatur sanguis. Admoveatur emplastrum. Capiat æger. Fricetur corpus. Fovcantur gingivæ. Colluantur fauces.

Rule 3. The infinitive mood has an accusative before it; as—

Repetatur venæsectio quotidie ad tertiam vel quartam vicem nici constet vires prius deficere. [Note. The noun vires (of the accusative case plural) follows constet, but precedes the infinitive deficere.]

<sup>\*</sup> Some grammarians make only three concords; the agreement of one substantive with another signifying the same thing (Rule 8) not being considered by them a concord, but being called apposition. However, for the reason assigned by Mr. Grant (Institutes of Latin Grammar, p. 172), I have adopted it as a primary concord.

Rule 4. The relative qui, quæ, quod, agrees with the antecedent in gender, number, and person; as—

Divide in pilulas sex, quarum sumat unam

pro re natá.

- [Note. Here quarum is the relative, and agrees with the antecedent pilulas in gender, number, and person.]
- Rule 5. If no nominative come between the relative and the verb, the relative shall be the nominative to the verb; as—

Fiant pilulæ duodecim, quæ sumendæ sunt ut

antea.

Rule 6. But if a nominative come between the relative and the verb, the relative shall be of that case which the verb or noun following, or the preposition going before, uses to govern; as—

Fiat haustus, cui, tempore capiendi, adde, &c. [Note. Here the nominative (tu, understood) comes between the relative (cui) and the verb (adde): hence the relative is put in the dative case, being governed by the verb adde.]

Rule 7. Two or more substantives singular, coupled together by a conjunction, generally have a verb, adjective, or relative plural; as—

Haustus et pilula sumantur tribus horis.

Rule 8. One substantive agrees with another, signifying the same thing, in case; as—

Recipe, Potassæ tartratis (vulgð Tartari solu-

bilis) unciam.

[Note. Potassæ tartras and Tartarum solubile

being terms signifying the same thing, they are put in the same case.]

β. OF GOVERNMENT.

1. Of Nouns.

2. Of Verbs.

3. Of words indeclinable.

#### Nouns.

Rule 9. One substantive governs another, signifying a different thing, in the genitive; as—

Uncia magnesiæ. Magnitudo nucis moschatæ. Horâ somni. Unciæ quinque sanguinis.

[Note. The substance governed may govern another, signifying a different thing; as, Drachma sodæ\* carbonatis.]

Rule 10. An adjective, in the neuter gender, without a substance expressed, is followed by a genitive: the adjectives thus used are generally such as signify quantity; as—

Plus calcis. Ex pauxillo alicujus liquoris. Paululum spiritûs. Extantillo hujus liquoris.

Rule 11. Opus and usus, denoting necessity, convenience, or expediency, are followed by the ablative of the thing wanted; as—

Quando alvi ductione opus sit.

Rule 12. Adjectives signifying desire, knowledge, memory, tear, &c., and the contraries to these, require a genitive case; as—

Ad alvum officii immemorem excitandum.

<sup>\*</sup> Soda is generally said to be derived from the Arabic, but Dr. Good says "the word Soda is derived from the German word, Das Sod, or Sodt,—foam or scum boiling up to the surface."—Good's Nosology.

Rule 13. Partitives and words placed partitively comparatives, superlatives, interrogatives, and some numerals, govern the genitive plural; as—

Una pilularum.

[Note. Unus, when used as a numeral, takes de, or e, or ex, after it, and seldom the genitive plural. Hence una ex pilulis would be preferable to una pilularum.]

#### Verbs.

Rule 14. A verb signifying actively governs the

accusative; as-

Recipe unciam (vel drachmam). Capiat cochleare. Mitte sanguinem. Sumat unam [pilulam].

Rule 15. Verbs of giving, taking away, composing, &c., and many verbs compounded with ad, in, ob, præ, sub, govern an accusative and dative, if the verb be active; if passive, a dative only.

Da infantulo lactenti cochleare minimum aquæ menthæ. Admoveantur regioni renum hirudines sex. Capiat cochlearia duo in languoribus, præcipue diebus purgationi deditis. Si primæ venæsectioni non cedat morbus, &c.

Rule 16. Utor, and some other words, govern the ablative; as—

Utatur sequenti. Utatur pediluvio. Utatur

æger equitatione.

Rule 17. One verb governs another in the infinitive; as—

Caput tonderi debet.

Rule 18. Participles, gerunds, and supines, govern the case of their own verbs; as—

Augendo dosin. Augendo minuendovè quantitatem. Fiat linimentum, cervici et scapulis infricandum. Instillando tincturæ opi guttas sex.

Rule 19. Natus, editus, creatus, and some other participles, require an ablative case, and oftentimes with a preposition; as—

Nata humoris detractio ab emplastro cantha-

ridis.

Rule 20. The gerund in di is governed by substantives or adjectives; as—

Tempore cænandi. Tempore capiendi.

Rule 21. Gerunds governing the accusative may be elegantly turned into the participles in dus, which agree with their substantives in gender, number, and case; as—

Ad acorem compescendum. Ad alvum exci-

tandam.

On the Construction of Circumstances.

Circumstances are five: Cause, Manner, Instrument, Place, and Time; and they are common to the verbs and nouns.

Rule 22. The cause, manner, and instrument, are

put in the ablative; as-

Pleno rivo. More solita. Eodem modo. Manu calida. Ope penicilli. Curetur pars exulcerata unguento sabinæ. Alvo hisce medicamentis liberè soluta. Igne leni.

Rule 23. Nouns signifying part of time, and answering to the question quando (when?) are put in the ablative; as—

Omni nocte. Sextis horis. Tempore matutino.

Rule 24. But nouns signifying duration of time, and answering to the question quamdiu (how long?), are generally put in the accusative, the prepositions per, ad, in, intra, inter, being frequently expressed; as—

Per horam. Per tres noctes. Inter noctem.

Rule 25. A substantive and a participle, whose case depends upon no other word, are put in the ablative absolute; as—

Urgente tussi. Vase priùs agitato. Peractâ effervescentiâ. Durante fluxu cruento. Fluxu

cessante. Finità effervescentià.

## Of Prepositions.

Rule 26. The prepositions ad, apud, ante, inter, per, pone, secundum, &c., govern the accusative; as—

Ad uncias decem. Adversum renes. Inter scapulas. Pone aurem. Infra cubitos. Prope cartilaginem thyroideam.

Rule 27. The prepositions a, ab, cum, de, e, or ex, pro, &c., govern the ablative; as—

Cum cochlearibus tribus. E brachio. Ex largo vulnere. De novo.

Rule 28. Some prepositions govern either the ablative or the accusative; thus, in signifying in, governs the ablative; when it signifies into, an accusative. Sub, super, and some others, also govern either case; as—

In urethram. Bis in die. In partes excoriatas.

Sub aurem. Super alutam.

Rule 29. Verbs compounded with a, ab, ad, con,

de, e, ex, in, sometimes repeat the same prepositions, with their case out of composition, and that elegantly; as—

Detrahantur de hypochondrio dextro sanguinis

unciæ decem.

## Of Conjunctions.

Rule 30. The conjunctions et, ac, atque, aut, vel, and some others, couple like cases and moods; as—

Duabus vel tribus horis. Post singulas sedes liquidas vel singulas vomitiones. Admoveantur parti affectæ hirudines sex, et pro re natâ repetantur.

Rule 31. The following conjunctions are generally found governing a subjunctive mood: ut, si, ne, donec, &c.; as—

Ut fiat haustus. Donec alvus responderit. Donec vomitus supervenerit. Si vigiliæ

anxerint. Si tussis increbuerit.

### Of Adverbs.

Rule 32. Some adverbs of quantity, time, and place, govern the genitive; as—

Quod satis est sacchari albi. Quantum suffi-

ciat aquæ.

#### II .- GRAMMATICAL EXPLANATION OF PRESCRIPTIONS.

It will be sufficient, perhaps, to present the student with a grammatical explanation of two prescriptions.

### No. I.

(1) R Ferri Carbonatis 3iss.

(2) Rhei Pulveris gr. xv.

(3) Olei Anthemidis gtt. v.

(4) Conservæ Rosæ quantum sufficiat ut fiat massula in pilulas viginti dividenda, quarum sumat æger tres octavis horis.

- (1) Recipe, verb active, imp. mood, 2d pers. sing. agreeing with Tu understood (Rule 2); from Recipio, equal equal
  - Drachman, noun subst. acc. sing. from Drachma, æ, f. 1st decl. Governed by Recipe. (Rule 14.)
  - Cum, preposition. Governing an ablative case. (Rule 27.)
  - Semisse, subst. abl. case, from Semissis, is, f. 3d decl. Governed by cum. (Rule 27.)
  - CARBONATIS, subst, gen. sing. from Carbonas, atis, f. 3d decl. Governed by Drachmam. (Rule 9.)
  - Ferri, subst. gen. sing. from Ferrum, i, n. 2d decl. Governed by Carbonatis. (Rule 9, and note.)
- (2) RECIPE, understood.
  - Grana, subst. acc. pl. from Granum, i, n. 2d decl. Governed by Recipe, understood. (Rule 14.)

Quindecim, adj. indeclin.

Pulveris, subst. gen. sing. from Pulvis, eris, m. 3d decl. Governed by Grana. (Rule 9.)

Rhei, subst. gen. sing. from Rheum, i, n. 2d

decl. Governed by Pulveris. (Rule 9, and note.)

(3) RECIPE, understood.

Guttas, subst. acc. pl. from Gutta, æ, f. 1st decl. Governed by Recipe, understood. (Rule 14.)

Quinque, adj. indeclin.

OLEI, subst. gen. sing. from Oleum, ei, n. 2d decl. Governed by Guttas. (Rule 9.)

Anthemidis, subst. gen. sing. from Anthemis, idis, f. 3d decl. Governed by Olei. (Rule 9, and note.)

(4) RECIPE, understood.

QUANTUM, adverb. Governing the genitive case. (Rule 32.)

Sufficiat, verb impers. potent. mood, pres. tense, from Sufficio, ere, feci, fectum, neut. and acct. 3d conj.

Conservæ, subst. gen. sing. from Conserva, æ, f. 1st decl. Governed by Quantum. (Rule 32.)

Rosæ, subst. gen, sing. from Rosa, æ, f. 1st decl. Governed by Conservæ. (Rule 9, and note.)

UT, conjunct. Governing a subjunc. mood. (Rule 31.)

Massula, subst. nom. case, a, æ, f. 1st. decl.

Fiat, verb, subj. mood, pres. tense, 3d person singular, from Fio, fis, factus, sum vel fui, fieri, neut. Governed by Ut (Rule 31), and agreeing with its nominative case Massula. (Rule 2.)

DIVIDENDA, particip. nom. case, fem. gend. from Dividendus, a, um (à dividor, i, sus, pass. 3d conj.). Agreeing with Massula. (Rule 1.)

In, preposition. Governing an accusative case. (Rule 28.)

Pilulas, subst. acc. pl. from *Pilula*, æ, f. 1st decl. Governed by *In*. (Rule 28.)

VIGINTI, adj. indecl.

Quarum, relative pronoun, gen. pl. fem. from Qui, quæ, quod. Agreeing with its antecedent Pilulas in gender and number. (Rule 4) Governed in the gen. case by Tres. (Rules 6 and 13.)

Æger, adj. mas. gend. nom. Æger, ægra, ægrum. Agreeing with homo, understood \* (Rule 1.)

<sup>\*</sup> Homo is of the common gender, and refers either to man or woman: hence, when a female patient is meant, we say ægra homo. Latin grammarians are totally at a loss for the etymology of æger, ægra, ægrum. Festus gives us ai ai (ai ai); Scaliger ἀεργός (aergos): others, ἀνιγρός, αίκιαρός (anigros, aikiaros), and terms still more discrepant in sense and sound. The reader will, perhaps, readily perceive the proper origin of this term when he finds that ekrah, by the Turks pronounced egrah, is Arabic for "sickness, aversion, nausea, horror, or shuddering."—Good's Nosology. "Eger and ægrotus agree in denoting the unsound state of the objects to which they are applied, but differ in re-

Sumo, ere, psi, ptum, act. 3d conj. Agreeing with homo, understood (Rule 2); governing an acc. case. (Rule 14.)

Tres, adj. acc. pl. fem. from Tres, tres, tria. Agreeing with Pilulas, understood (Rule 1), and which is governed by Sumat. (Rule 14).

Horis, subst. abl. plural, from *Hora*, æ, f. 1st decl.; signifying part of time, and, therefore, put in the abl. case. (Rule 23.)

Octavis, adj. abl. plur. fem. from Octavis, a, um. Agreeing with horis. (Rule 1.)

#### No. II.

(1) R Pulv. Scamm. 9ss.

(2) — Jalapæ gr. v. (3) Calomelanos gr. iij.

(4) M. Fiat pulvis purgans, extemplò in pulpa pomi tosti sumendus.

(1) RECIPE, as before.

Scrupulum, subst. acc. sing. from Scrupulus, i, m. 2d decl. Governed by Recipe. (Rule 14.)

Dimidium, adj. acc. sing. masc. from Dimidius, a, um. Agreeing with Scrupulum. (Rule 1).

Pulveris, subst. gen. sing. from *Pulvis*, eris, m. 3d decl. Governed by *Scrupulum*. (Rule 9.)

spect to the nature of those objects. The first, as a generic term, extends to both mind and to body, while the latter expresses the disease of the body alone."—Hill's Synonymes of the Latin Language.

Scammoniæ, subst. gen. sing. from Scammonia, æ, f. 1st decl. Governed by Pulveris. (Rule 9, and note.)

(2) Recipe, understood, as before.

Grana, subst. acc. pl. neut. from Granum, i, n. 2d decl. Governed by Recipe, understood. (Rule 14.)

Quinque, adj. indecl.

Pulveris, subst. gen. sing. from Pulvis, eris, m. 3d decl. Governed by Grana. (Rule 9).

JALAPÆ, subst. gen. sing. from Jalapa, æ, f. 1st decl. Governed by Pulveris. (Rule 9, and note.)

(3) Recipe, understood, as before.

Grana, subst. acc. pl. from *Granum*, i, n. 2d decl. Governed by *Recipe*. (Rule 14.)

Tria, adj. acc. pl. neut. gend. from Tres, tres, tria. Agreeing with Grana. (Rule 1.)

Calomelanos, subst. genit. sing. from Calomelas, a word compounded of two Greek words, καλὸς (halos), good, and μέλας (melas), black; and declined like the masculine gender of the adjective μέλας (melas) thus: Nom. Calomelas; Gen. Calomelanos; Dat. Calomelani; Acc. Calomelana; Voc. Calomelas; Abl.\* Calomelane. Calomelanos is governed by Grana. (Rule 9.)

<sup>\*</sup> There is no ablative case in Greek.

- (4) Misce, verb, 2d pers. sing. imper. mood, from Misceo, ēre, ui, mistum, and mixtum. Act. 2d conj. Agreeing with Tu, understood. (Rule 2.)
  - FIAT, verb, imper. mood, from Fio, fis, factus sum vel fui, fieri, neut. Agreeing with Pulvis. (Rule 2.)
  - Pulvis, subst. nom. sing. masc. gen. 3d decl.
  - Purgans, part. nom. sing. masc. Purgans, tis, from Purgo, are. Agreeing with Pulvis. (Rule 1.)
  - Sumendus, part. Agreeing with *Pulvis* (Rule 1) in gender, number, and case. From *Sumor*, *i*, pass. 3d conj.

Extemplò, adverb.

- In, prepos. governing an abl. case. (Rule 28).
- Pulpa, subst. abl. sing. from Pulpa, æ, f. 1st decl. Governed by in. (Rule 28.)
- Pomi, subst. gen. sing. from Pomum, i, n. 2d decl. Governed by Pulpa. (Rule 9.)
- Tosti, part. gen. sing. neut. gend. from Tostus, a, um (from Torreor, eri, 2d conj.) Agreeing with Pomi. (Rule 1.)

### CHAPTER X.

ON THE PRONUNCIATION OF PHARMACEUTICAL TERMS.

"The true pronunciation of the Latin language being lost, the different nations of Europe generally substitute their own. The Italian probably approaches the nearast to it" (Zumpt). The following remarks on the pronunciation of Latin pharmaceutical terms apply, therefore, to the English mode of pronouncing this language.

In the pronunciation of these, as of other terms, our guides are threefold, viz.: certain established rules, the authority of the poets, and established custom.

The rules may be arranged under three heads, viz.:

1st. Those relating to the pronunciation of letters.

2d. Those relating to the pronunciation of syllables.

3d. Those relating to the length or quantity of syllables.

Sect. I.—Rules for the Pronunciation of Letters.

The following general rules for the pronunciation of the letters of Latin words are those usually followed by classical authorities of the present day.

Rule 1. C and G.—C and G before a, o, u, and

consonants, are pronounced hard. C is sounded like K; as in Calumba, Copaiba, Cuprum, and Creta. G has a hard guttural sound; as in Galbanum, Gossipium, Guaiacum, and Glycyrrhiza.

C and G before e, i, and y, are, with us, generally pronounced soft. C sounds soft like S, as in Cetraria. Citrus, Cydonia, Cyanidum, and Cyanchum. G is pronounced like J; as in Gentiana, Gigartina, Gyrophora, Gypsum, Hydrargyrum, Oxygen, and Hydrogen.

C before æ and æ is soft; as in Baccæ, pronounced

bak-se.

Observ. a. The student is to understand that these rules, although most uinversally followed by classical authorities of the present day, are not probably in accordance with the practice of the ancient Romans. For it is nearly certain that they always pronounced C hard, like K; and it is further probable that C and G were pronounced by them in the same manner; that is, like K. For arguments in favor of this opinion, the reader is referred to Scheller's Latin Grammar, translated

by G. Walker (1825).

Observ.  $\beta$ . It is by no means uncommon to hear C and G pronounced hard before e and y in certain words of Greek origin. This pronunciation is sometimes adopted, from a fancied notion of its greater correctness, founded on the fact that the words are dirived from the Greek, in which the corresponding letters are pronounced hard. Thus occasionally we hear men of considerable classical attainments pronounce the C and G hard in the following words: Cyanogen, Cyanidum, Hydrocyanicum, Hyoscyanicum, Hydrargyrum, Oxygen, and Hydrogen; as if they were spelt kyanogen, kyanidum, hyoskyamus,

&c. But such a mode of pronunciation always appears pedantic and affected. Moreover, if the principle be correct, it should be extended to all words, of both common and rare occurrence, derived from the Greek, and is equally applicable to the English as to the Latin language: and thus the words genealogy and geology would be pronounced with the ghard. But what "would become of our language," says Walker, "if every word from the Greek and Latin, that has g in it, were so pronounced?"

Rule 2. Ch.—Ch is usually pronounced hard, like K—a practice which is consonant, probably, with that of the Romans; as in Chenopodium (ken), Chelidonium (kel), Mastiche (mastike), Chela (kela), Chimaphila (ki), Chondrus (ko), Moschus (moskus), &c.

Observ. a. This rule is very frequently violated by pharmaceutists. Thus Chia (e.g. Terebinthina Chia) is often erroneously pronounced as if written

tshia, whereas it should be sounded as Kia.

Catechu\* is often erroneously sounded as if written katetshoo, whereas the true pronunciation is that of kateku or katequ; the chu being pronounced as ku or qu.

Observ. β. Colchicum, following the same rule, should be pronounced kolkekum; but it is more frequently sounded koltchecum. The former pro-

<sup>\*</sup> The word Catechu is said to be derived from Cate, the name of a tree, and Chu, juice (B. J. Murray, App. Medicam. vol. ii.). With the aid of Professor H. H. Wilson, I have endeavored, but in vain, to verify this etymology. Professor Wilson suggests that the word is derived from two Malay words, Gateh and Kuah; the former signifying juice ob ained by boiling,—the latter, juice by exudation. The two words put together would make something like our word Catechu Gateh-kuah.

nunciation (kolkekum) is supported not only by analogy and the pronunciation of the Greek primitive (κολχικὸν), but also by the modern pronunciation of the name of the place (Colchis or Colchos, pronounced kolkis or kolkos) where this plant is said to flourish abundantly, and from which it received its name. In favor of the second pronunciation (koltchekum), which is opposed to classical authority, nothing can be urged but vulgar custom; which, however, is now so general among medical men, that to deviate from it appears affected and

pedantic.

Observ.  $\gamma$ . The rule for pronouncing ch hard, like k, is frequently deviated from in the case of commemorative botanical names: thus Richardsonia is pronounced Ritshardsonia. For it is a rule among botanists in naming plants after individuals, to preserve strictly the orthography and pronunciation of the primitives. And though, it must be admitted, this practice leads to the formation of words foreign to both the genius and pronunciation of the Latin language, yet the practical inconvenience is less than if the botanists of each country were permitted to alter the names to suit their own national mode of pronouncing Latin words.

Observ.  $\delta$ . The word Chiretta or Chirayta (applied to an Indian gentianaceous plant employed in medicine as a tonic) is pronounced similar to its Indian derivative,—that is, with the ch soft, like tsh (as tshiretta, tshirayta); for this accords with the pronunciation of the word in the Tamool, Dukhanie, Hindoostanie, and Bengalie languages.

Rule 3. Cm, Cn, Ct, Gm, Gn, Mn, Tm, Ps, and

Pt, when they begin a word, are pronounced with the first letter mute; as Cnicus (nikus), Gnidia (nidea), Pterocarpus (terokarpus), and Psychotria (sikotrea).

Rule 4. T, S, and C before ia, ie, ii, io, iu, ea, and eu, when the accent precedes, change their sounds into sh and zh; as Aurantium (auransheum), Arundinacea (arundinashea), Erinaceus (erinasheus), Acacia (akashea), Artemisia (artemezhea), Magnesia (magneshea), Cassia (cashya).

But, when the accent is on the first diphthongal vowel, the preceding consonant preserves its sound;

as Aurantiacum (aurantiakum).

Observ. This rule is not always adhered to. Thus Potassium is usually pronounced po-tas'-se-um, not potasheum; and Calcium, kal'-se-um, not kalsheum. The letter s in the first, and c in the latter word, are, of course, liable to receive the pronunciation indicated by sh.

Rule 5. Sch sounds k; as Schænus (skenus).

Rule 6. X at the beginning of a word sounds like Z; as Xericum (zerekum), Xeres (zerez), and Xanthorrhæa (zanthorrea). But in other positions it retains its own proper sound; as in Taxus, Borax, Styrax, Opoponax, &c.

Rule 7. English classical writers pronounce the Latin vowels, a, e, i, o, u, as they do the English ones.

Rule 8. Diphthongs are also pronounced as in English. As æ and æ are pronounced like e, these diphthongs are called *improper*, because the sound of the first letter is lost.

Observ. A diphthong is sometimes split or divided into two syllables, each of which is separately pronounced. When this is the case, the mark ("), called the diæresis or dialysis, is placed over one of the letters of the diphthong to indicate that the vowels are to be separated in pronunciation: the words Aloë, Benzoinum, and Cambogiödes are examples.

The word Cephaelis (e. g. Cephaelis Ipecacuanha) is often pronounced as if the diæresis were placed over one of the vowels. This, however, is an error. Its true pronunciation is the same as if the word were written Cephælis (that is, sef-ē'-lis. The etymology of the word Cephaelis (from  $\kappa\epsilon\phi a\lambda\dot{\eta}$ , a head, because the flowers are disposed in heads) clearly proves this. It would be more correctly spelled Cephalis.

Sect. II.—Rules for the Pronunciation of Syllables, or for the Accent.

English classical authorities, in pronouncing Latin syllables or words, follow the usage of their own language; that is, they pronounce as a word similarly spelled would be pronounced in English. This custom undoubtedly leads to a pronunciation quite at variance with that of the Romans.

In pronouncing words of more than one syllable, a particular strength or force of the voice is laid on one syllable to distinguish it from the others. This is called the accent, or sometimes the principal accent. In writing, this mark (') is employed to designate the accented syllable; as in the word Men'tha.

Some of the longer polysyllables have another

accent, called secondary. Thus the compound word Fer'rocyan''idum has two accents,—the principal one (denoted by the double accentual mark, thus") and the secondary one (indicated by the single accentual mark, thus').

The following are the rules of Latin accentuation

as usually followed by English orthoëpists:

Rule 9. Dissyllables, or words of two syllables, whether Greek or Latin, whatever be the quantity in the original, have, in English pronunciation, the accent on the first syllable; as a'pis, bac'ca, cal'eis,

gal'lus, li'quor, &c.

Observ. In the English language, dissylables, accented on the first syllable, usually have that syllable long. Hence, because Latin dissyllables are accented on the first syllable, this syllable is usually pronounced long: and thus we say li'quor, instead of lig'uor, making the first syllable long, or nearly so; while the genitive case of this word is pronounced with the first syllable short, as liquoris. (See Mr. Pickbourn's observations, quoted in Grant's Institutes of Latin Grammar, p. 339-430, 2d ed.)

Rule 10. In polysyllables, or words with three or more syllables, the accent is on the penultimate if that syllable be long. The following are examples: -acē'tum, acē'tas, acetā'tis, achillē'a, aconī'tum, conī'um, carbonā'tis, sinā'pis, sulphurē'tum.

Observ. See pp. 151-153 for the rules which apply to the words achillea, conium, and acetas, which are sometimes accented, though erroneously, on

the antepenultimate.

Rule 11. In polysyllables, or words with three

or more syllables, the accent is on the antepenultimate if the penultimate be short. The following are examples:—ac'ŏrus, at'rŏpa, cam'phŏra, chimaph'ĭla, car'bŏnas, en'ĕma, ox'ydum, chlo'rĭdum, cyan'ĭdum, bro'mĭdum, io'dĭdum, mellif'ĭca.

Observ. We frequently hear this rule violated, and the words erroneously pronounced thus atro'pa,

camphō'ra, chlorī'dum, &c.

Walker has thus expressed in English verse the preceding rules:

"Each monosyllable has stress of course:
Words of two syllables, the first enforce:
A syllable that's long, and last but one,
Must have the accent upon that, or none:
But if this syllable be short, the stress
Must on the last but two its force express."

### Sect. III.—Rules relating to the Quantity of Syllables or Vowels.

In pronouncing Greek or Latin words, the English do not always retain the Greek and Latin quantities, but follow the analogy of their own language: so that syllables which, in Latin, are long, are frequently pronounced short, and, vice versâ. The same holds good with respect to Greek words which are pronounced as coming to us through the Latin. The following are a few illustrative examples:

liquor is	pi	on	ou	nce	ed 1	by	the	E	ngli	ish	liquor
lăpis						-					lāpis
crocus.											crōcus
nĭger											nīger
rŏsa .											rōsa
spīritus											spīritus
līlium											līlīum

Attempts have been occasionally made to introduce the practice of pronouncing Latin and Greek words according to the Latin and Greek quantities; but without much success.

Rule 12. A vowel before another (or, which is the same thing, before an h followed by a vowel, or before a diphthong) is short; as in abies, allium, absinthium, oleum, luteus, mezereum, purpureus, &c.

Observ. To this rule numerous exceptions exist; but the only class of exceptions requiring notice

here is that of words of Greek origin.

Words which in Greek are written with ei before a vowel, and in Latin with e or i, have the e or i long; as in centaurē'a and centaurī'um (κεντανρεία and κενταύρειον), achillē'a (ἀχίλλειος) and conī'um

(κωνειον).

The word conium is often erroneously pronounced with the accent on the antepenultimate and the i short, thus co'nium; and in Loudon's Dictionary of Plants it is directed to be so pronounced,—on the assumption, I presume, that it follows the general rule of a vowel being short before another vowel, and also, perhaps, because the Greek accent is on the first syllable. But, as it is derived from the Greek word κώνειον, and as its i has been substituted for the ει of the primitive, it obviously belongs to the class of exceptions just alluded to, and, therefore, should be pronounced with the i long, as above directed: thus—coni'um.

Rule 13. "A vowel before two consonants is always deemed long [by position], though pronounced with the short sound of the English vowel, as the penultimate of anten'næ [of argen'tum, canel'la, calum'ba, &c.]; unless the two consonants

are a mute and a liquid,—for then the previous vowel may be short, and consequently unaccented, as in cer'ebrum."—Smart's Walker Remodelled, p. xxxv.

Rule 14. Diphthongs are long both in Latin and Greek words; as in fæniculum, althæa, and hæmatoxylum.

Observ. Præ in composition is usually short

before a vowel; as in præ ustus.

Rule 15. In words of two syllables with but one consonant in the middle, whatever be the quantity of the vowel, in the first syllable in Greek or Latin, it is always made long in English pronunciation; as in ā'deps, ā'pis, ā'rum, bō'rax, brō'mus, cō'cos, kī'no, pī'nus, rā'dix, sā'po, and sō'da.

Rule 16. In words of three syllables, with the accent on the first, and with but one consonant after the first syllable, the first syllable is pronounced short, let the Greek or Latin quantity be what it will; as in āc'orus, āl'oë, ām'ylum, sĕn'ega.

Observ. The words acorus and amylum are often, but erroneously, pronounced  $ac\bar{o}'rus$  and  $am\bar{y}'lum$ . Thus we frequently hear persons talk of using the decoctum  $am\bar{y}'li$  as an  $en\bar{e}'ma!$  [The pronunciation should be,  $am'\bar{y}li$  and  $\bar{e}n'\bar{e}ma$ .]

Rule 17. A number of Latinized polysyllables, terminating in dum or idum, employed in modern chemistry and pharmacy, make their penultimate short, like the Latin adjectives in idus (idus, a, um): hence their accent is on the antepenultimate; as—ox'ydum, chlo'ridum, io'didum, bro'midum, and cyan'idum.

Rule 18. Some Latinized polysyllables, terminating in etum, employed in modern chemistry

and pharmacy, make their penultimate long, like the penultimate of polysyllabic supines in etum; as—sulphurētum, carburētum, and phosphurētum.

Rule 19. Another class of Latinized names introduced into modern chemistry is that which includes the words used to designate the oxysalts. They are the nouns\* of the third declension, and terminate in either is or as (ite or ate in English); as—carbō'nas, phos'phas, nī'tras, sul'phas, arsēn'-ias, iō'das, and ar'sēnis.

Both dissyllables and trisyllables lengthen the increment, and the accent then falls on the penultimate; as—sul'phas, sul'phātis; nī'tras, nitrā'tis; arsēn'ĭas, arsēn'ĭa'tis; iō'das, iōdā'tis; and ar'sēnis,

arsenī'tis.

Observ. The word acetas is sometimes pronounced with the penultimate short, and consequently with the accent on the antepenultimate; as—ac'ĕtas. But as the penultimate in the primitive (acētum) is long, the penultimate of the derivative (acetas) should be long also (acē'tas).

Rule 20. Compound words have the same quantity as the simple words of which they are compounded; as perox'ydum, bichlo'ridum, biniō'-didum, ferrocyan'idum, sesquicar'bonas, and bisul'phas.

<sup>\*</sup> In the French Codex, and generally in Continental works, these words are made masculine; as in the terms carbonas sodicus and arsenis potassicus. In the Edinburgh and Dublin Pharmacopæias they are made neuter; as in the phrases carbonas sodæ exsiccatum and ferri sulphas exsiccatum. In the London Pharmacopæia, on the contrary, they are made feminine; as in the term sodæ carbonas exsiccata. If it be admitted that these words lengthen the increment, they then come under Lilly's second special rule,—that "nouns increasing long in the genitive are feminine." "If we are to be guided by the standard of classical authority, the London College is certainly correct."—Bostock's Remarks on the Nomenclature of the New London Pharmacopæia.

### PROSODIACAL VOCABULARY

OF

### WORDS EMPLOYED IN MATERIA MEDICA AND PHARMACY.

ă'bies, ăbi'etis. f. In the phrase resina abietis, the latter word is often, but erroneously, pronounced abie'tis. ăbiet'inus (usually pronounced ăbieti'nus), a, um. abrot'onum vel abrot'anum, i. η. αβρότονον. absin'thium, i. n. αψίνθιον. ăcă'cia, æ. f. akakia. ăcē'tas, tātis, f. ăcē'ticus, a, um. ăcēto'sa, æ f. ăcetosel'ia, æ. f. ăcē'tum, i n. ăchille'a vel ăchillæ'a, æ.f. ac'idum, i. n. ac'idns, a, um. ăcin'ula, æ. f ăcipeu'ser, eris, m. ăconītī'na, æ. f. ăcŏnī'tum, i n. ἀκόνϊτον. ac'orns, i. m. aκορον, the aromatic root of the plant akopos. a'deps, ipis. m. and f, usually m. ærū'go. ĭnis. f. æ'ther, eris, m. æthĭ'ŏpis, ĭdis. f. αἰθιοπίς, ίδος, an herb æth'iops, opis. m. αίθιοψ, οπος, a blackmoor.

agăr'icus, i. m., vel agăr'icum, i. n. αγαρικον ăgăth'ŏtēs. f. ἀγαθότης, ητος. albū'men, inis. m. āl'bus, a, um. al'cohol, olis, m or n.\* ălexandri'nus, a, um. al'ga, æ. f. al'kali, † pl. alkalia. m. alkali'nus, a, um. al'lium, i. n. ăl'õe. es. f. alon. alpī'nia, æ f. althæ'a, æ. f. ălū'men, inis, n. ălū'mīna, æ. f. ălū'ta, æ f. ămal'găma, ătis. n. ammo'nia, æ. f. ammoni'acum, i. n. αμμωνιακόν. ammo'nium, i. n. ămō'mum, i. n. αμωμον. amyg'dăla, æ. f., an almond. ămygdăl'inus, a. um. ămyg'dălus, i. f., an almond tree. ăm'ylum, i. n. aµoλos. am'yris, idis. f. From a, answering to very; and µupis, a balsamic tree. anchū'sa, æ. f. äyxovoa.

CHAUCER, The Chanones Yemannes Tale.

<sup>\*</sup> In the French Codex the word alcohol is made masculine, whereas in the old Edinburgh Pharmacopæia it was considered neuter.

<sup>† &</sup>quot;Sal tartre, alcaly, and salt preparat, "And combust materes, and coagulat."

andi'ra, æ. f. The Brazilian name of a tree (Marcgraav, p. andropo'gon. m. άνήρ, a man; and  $\pi\omega\gamma\omega\nu$ , a beard. ănemo'ne, es. f. ἀνεμώνη. ănē'thum, i. n ā $\nu\eta\theta$ o $\nu$ . angel'ica, æ. f. angūstū'ra, æ. f. Angostura (Spanish), narrowness; from angustus, narrow. ănimā'iis, e. ănī'sum, i. n. an'nuus, a, um. ăno'dyna, orum. n. pl. ἀνωδῦνα. ano'dynus, a, um ανωδύνος an'themis, idis f. ἀνθεμίς. antid'otum, i. n., vel antid'otus, i. f. αντίδοτος. antimonia'lis, e. antimon'ium, \* i. n. ă'pis, is. f. à'plum, 1. n. άρος ynum, i. n. απόκθνον. ă'qua, æ. f. arab'icus, a, um. ar'butus, i. f. archangěl'ica, æ. f. arctostaph'ylos f. From αρκτος, a bear, the north; and σταφύλή, a bunch of grapes. are'ca, æ. f. A Malabar word (Clusius). ārē'na, æ. f. ar'gel, indecl. argemo'ne, es. f argen'tum, i n. ă'ries, ari'etis, m. aristoloch'ia, æ f. armen'ia, æ f. armeni'acus, a, um. armora'cĭa, æ. f.

ar'nica, æ. f. arô'ma, ătis. n. aromăt'icus, a, um. arsen'ias, atis f (see page 153) arsĕn'icum, i. m. άρσενικόν. arsen'icus, a, um. arsenio'sus, a, um. ar'senis, itis.  $f_*$  (see p. 153.) artemis'ia, æ. f. άρτεμισία. artocar'pus. f From apros, bread; and καρπός, fruit. a'rum, i. n. apov. ărundină'ceus, a, um. asagræa, æ. f. Called after Dr. Asa Gray. ăs'ărum, i. n. ascle'plas, adis. f. ασκληπιός. aspār'agus, i. n. aspid'ium, i. n. άσπις, άσπιδος. asplé'nium, i. n. άσπλήνιος. assatœ'tida, æ. f. astrăg'ălus, i. m. ἀστράγαλος. a'triplex, icis. f. at'ropa, æ. f. άτροπος. āvellā'na, æ. f. ăvē'na, æ. f. auran'tium, ii. n. aŭtumpa'lis, e. au'rum, i. n. axun'gia, æ. f. azo'tum, 1. n. a, priv; ζωή, life bāc'ca, æ. f. bālaus'tīum, ii. n. bal'neum, i. n. balsam'ea. æ. f. bāl'sămodēn"dron. n σαμον, bulm; and δενδρον, a bāl'sāmum, i. n. βάλσαμον,

barbaden'sis, e. Las Barbadas

balm.

<sup>\*</sup> It is said that Basil Valentine first tried the effects of antimonial medicines upon the monks of his convent, on whom they acted with such violence that he was induced to distinguish the mineral from which those medicines had been extracted by the name of antimoine (i.e. hostile to monks).

(Portuguese), the bearded islands.

ba'rī im, ii. n. βαρυς heavy. bărŏs'ma, æ. f. βαρυς heavy; and ὀσμή, smell.

bary'ta, w. f. βαρυ'της.

basil'icus, a, um βασιλικός, royal.

bdēl'lĭum, ii. n. βδέλλιον.

belladon'na, æ. f. Bella donna (Italian), fair lady.

benz'ŏas, ātis. f. (see p. 153). ben'zŏë, es. f. (declined like

Aloë: see p. 152). benzo'icus, a, um. benzo'inum, i. n.

benzo'inus, a, um.

bi, or for euphony bin; from the Latin bis, twice. A prefix to certain words. It signifies twice or double as in the compounds bicarbonas, biniodidum, bichloridum, binioxydum, &c. For the pronunciation of these terms, see carbonas, iodidum, &c.

bismū'thum, i. n. Wismuth

(German).

bī:ū'měn, ĭnĭs n.

bō ē'tus, i. m βωλίτης.

bō'ius, i. m.

bonplin'dia, æ. f. Named after Aimé Bonpland, a French botanist.

bo'ras, ātis, f. (see p. 153).

bo'rax, ācis, f.

boswel'lia, æ. f. Named after

Dr. Boswell bŏvīl'lus, a, um. bŏvī'nus, a, um.

bras'sica, æ. f.

bro'mas, ātis. f. (see p. 153). From  $\beta \rho \hat{\omega} \mu o s$ , a stink.

bro'micus, a, um. bro'midum, i. n.

bromin'ium, ii n. From βρωμος, a stink.

bru'cia, æ. f. Derived from the name of a Scotch traveller, James Bruce. bu'chu. Boekoe, bookoo, or buku, African names for the plant.

būty'rum, ri n. βούτῦρον, butter. The penultimate is long, because it is long in τῦρός, cheese.

caca'o. An Indian word; caca'o (Spanish).

cac'tus, i m κάκτος.

cad'mĭum, ii. n. cajupū'ti, indecl.

căl'ăber, abra, um } Calabrian.

calami'na, æ f. calaminā'ris, e

călămī'ta, æ. m.

că 'ămus, i. m κάλᾶμος.

calom'elas, calomei'anos, n.

(see p. 141).

calot'ropis. f. kalos, beautiful;

and  $\tau \rho \epsilon \pi \omega$ , I turn.

calum'ba, æ. f. cal'cium, ii n.

cālx, cāl'cis. f.

cambo'gĭa, æ. f cambogioi'des From cambogia, and εἶδος, form or resemblance.

campechiā'nus, a, um. campes'ter, tris, tre.

cam'phora, æ f καμφορά.

camphorā'tus, a, um.

canaden'sis, e. cān'd dus, a, um.

cinel'la, æ f

cănī'nus, a, um.

can'na, æ f cannăbî'nus, a, um.

can'năbis, is f. κάνναβις. cān'thăris, rīdis. f. κανθαρίς.

cap'sicum, i. n καψικόν.

cā 'bo, ōnis. m.

cārbō'nas, ātis. f. (see page

rburē'tura

carburē'tum, i n. cardămi'ne, es. f. καρδᾶμινη. cardămō'mum, i. n. καρδά-

μωμον.

ca'rica, æ. f. cărô'ta, æ. f. car'thamus, i. m. ca'rui. Altered from carum. ca'rum, i. n. caryophyllā'tus, a, um. căryophyl'lum, i. n., a clove. καρυόφυλλον. caryophyl'lus, i. m., a clove tree. cascaril'la, æ. f. cā'seum, i. n. cas'sia, æ. f. cas'tor, oris. m κάστωρ, ορος. castor'eum, i. n. castor'eus, a, um. cătăplas'ma, ătis. κατάπλασμα. cătăpu'tia, æ. f. cat'echu, indecl. (see p. 145). cathar'ticus, a, um cathartocar'pus, i. m. καθαίρω, I purge; and καρπός, fruit. caute'rium, ii. n. cebadil'la, æ f. The diminutive of cebáda (Spanish), barley. centaure'a, æ f. centauri'um, i. n. cé'pa, æ. f. cephae'lis vel cephælis. f. ce'ra, æ.f. cer'asus, i. f. cērā'tum, i. n. cērā'tus, a, um. cer'běra, æ. f. A poetic name, derived from Cer'běrus, i. m., the three-headed dog in the infernal regions. cer'ebrum, i. n. cērus'sa, æ. f. κηρύσσα. cer'vus, i. m. ceta'ceum, i. n. cĕrĕvī'sĭa, æ. f., also cervi'sĭa. cetra'ria, æ. f. chál'ybs, chál'ybis. m chămæmē'lum, i. n. χαμαίμηλου. chē'læ, ārum. pl. f. χηλή.

chělidŏn'ium, i. n χελίδόνιον. chēnopŏd'ium, i. n. χήν, χηνός, a goose; and πούς, ποδός, a foot. chīmaph'ila, æ. f From χειμα, winter; and φίλέω, I love. chi'os, i. f. xios. chiret'ta, æ. f chiro'nia, a f. From χείρων. chī'us, a, um. chlö'ridum, i. n. (see chlorinichlorinā'tus, a, um. chlorin'ium, i. n. From χλωρός, pale green. chocola'ta, æ. f. chon'drus, i. m. χόνδρος. cīchō'rĭum, i. n. κίχώριον. cicu'ta, æ f cincho'na, æ. f. cinnăb'ări, indecl. n., and cinnăb'ăris, is. f. κιννάβαρι. cinnămō'mum, i. n. κιννάμωμον. cissam'pelos. κισσός, ivy; and αμπελος, a vine. ci'tras, ātis. f. (see p. 153) cit'ricus, a, um. cit'rinus, a, um. cit'rus, i. f. κίτρον. cla'vus, i m. clys'ter, eris. m. κλυστήρ. coāg'ūlum, i. n. coccin'eus, a, um. coc'cus, i. m. κόκκος. coc'culus, i. m. Diminutive of coccus co'cos. f. From κόκκος (?). codei'a, æ f. κώδεια. col'chicum, i. n. (see p. 145). κολχικόν. colco'thar. colly'rium, i. n colocyn'this, idis. f κολοκυνθίς, cŏlŏphō'nĭa, æ. f. κολοφωνία. co u'tea, æ. f. κολυτέα. commu'nis, e.

coni'um, i. n. (see p. 151), not co'nium. κωνειον contrajer'va, æ. f. copā'ība, æ. f. The Brazilian name of the tree. copaif'era. From copaiba, and fero, I bear. coral'lium, i. n. κοράλλιον. cordifol'ius, a, um. corian'drum, i. n κορίαννον. cor'nu, indecl. in the sing.; cornua, pl. n. cor'tex, icis. doub. gend. corymbo'sus, a, um. cŏtylē'don, ōnis. f. From κοτύλη, a hollow vessel or cup creaso'ton From kpéas, flesh; and σώζω, I save. cre'mor, oris. m. crena'tus, a, um. cre'ta, æ. f. cro'cus, i. m. cro'ton, onis, f. κροτών. cū'běba, æ. f. κόμβεβα. cu'cumis, is. m. cucur'bita, æ. f. cucurbit'ula, æ. f. cumi'num, i. n. cu'prum, i. n. From κύπρος. cur'cuma, æ. f. cuspa'ria, æ. f. From cuspare or cuspa, South American names. cyan'idus, a, um. From κύανος, a blue substance. cyanogen'ium, i. n. From κύανος, blue; and γεννάω, I produce. cydo'uia, æ. f., the quince tree. κυδωνια. cydo'nium, i. n., the quince. κυδώνιον. cymi'num, i. n. κύμινον. cynos'băton, i. n.; and cynos'batos, i. m κυνόσβατον. cynan'chum, i. n. From κύων,

κυνός, a dog; and αγχω, I

strangle.

cype'rus, i. m. κύπειρος. cyt'isus, i. c. κύτισος; and cytisum, m. daph'ne, es. f. datu'ra, æ. f. dau'cus, i. m.

decoc'tum, i. n. delphi'nium, i. n. δελφίνιον. destillatus, a, um.

di. From δίς, twice or doubled. A prefix to the names of some chemical compounds. It signifies that the base is doubled. diachylon, i. n. Almost universally pronounced diach'-ylon, but more correctly diachy'lon. From διά, through; and χυγος, juice. dian'thus, i. m. From διος,

divine; and ανθος, a flower.

dictam'nus, i. m. digitā'lis, is. f.

dios'ma, æ f. From δίος, divine; and οσμή, smell. dol'ichos, i, m. δολιχός.

domes'ticus, a, um.

dőrē'ma, æ. f. From δώρημα, a gift.

dorsten'ia æ. f. From Dorsten, the name of a German botanist.

dryobal'anops, öpis. f. dulcămă'ra, æ. f.

ěb'ŭlus, i. f. edu'lis, e.

elā'is. f. From edaía, the olive tree.

ěl'aphus, i. m. ελαφος.

ělăt'erin, indecl. n.

ělăte rium, i. n. ελατήριον (sc. φάρμακον).

electua'rium, i. n. ěl'ěmi, indecl. elemif'erus, a, um. el'ephas, antis. m.

en'ema, atis. n.

ergō'ta, æ. f. ěrī'ca, æ. f. erinā'ceus, a, um. errhi'num, i. n. eppîvov. erythræ'a, æ f. esculen'tus, a, um. eucalyp'tus, i. f. From  $\epsilon \tilde{v}$ , well; and καλύπτω, I cover (as wi'h a lid). euge'nia, æ f. euphor'bia, æ. f. The plant which yields euphorbium. euphör'bium, i. n. ευφόρβιον. europæ'us, a, um. excel'sus, a, um. extrac'tum, i. n.

fa'ha, æ. f. fæ'cŭla, æ. f. far'făra, æ. f. fari'na, æ. f. fero'nia, æ. f. ferru'go, inis. f. fer'rum, i. n. fer'ula, æ. f. fi'ber, bri. m. fi'cus, us vel i. f. fi'lix, icis. f. fis'tůla, æ f. florenti'nus, a, um. flos, floris. m. fænic'ulum, i. n. fœ'num, i. n. for'tis, e. frax'inus, i. f frumen'tum, i. n. fu'cus, i. m. full'go, inis. f. fumā'ria, æ. f. fun'gus, i. m.

gălan'ga, æ. f.
gal'bănum, i. n. χαλβάνη.
galipæ'a vel galipe'a, æ. f. A
barbarous name, derived from
Galipons, the French appellation of the Caribs.
gal'la, æ. f.

gal'licus, a, um. galli'na, æ f. gal'lus, i m gargăris'ma, atis. n. gelatī'na, æ. f. genis'ta, æ f. gentiā'na, æ. f. glå'ber, bra, brum. glyceri'na, æ f. From γλυκυ'ς vel γλῦκερός, sweet. glycyrrhi'za, æ. f. γλυκύρριζα. granā'tus, a, um. grā'num, i n. grāti'ola, æ. f. grave'olens, ntis. guaiā'cum, i. n. gum'mi, indecl. n. gyp'sum, i. n. γύψος.

hæmatox'ylon, i. n. From alua, blood; and  $\xi \hat{v}' \lambda o \nu$ , wood. hebraden'dron, i. From έβραιος, Hebrew; and δένδρον, a tree. hěďera, æ. f. helen'ium, i. n helléb'őrus, i. m. hělo'nias. f. From elos, a marsh. hēmides'mus, i. m. ημισυς, half; and δεσμός, a hé'par, ătis n. hepat'icus, a, um. hermodac'tylus, i. m. èpuoδάκτυλος hi'era, æ. f. hirū'do, ĭnis. f. hor'deum, i. n. hyber'nus, a, um. hydrar'gy'rum, i. n. υδράργυρος. hy'dras, ātis (see p. 153) hydriö'das, ätis (see p. 153) hydrochlö'ras, ätis (see p. 153). hydrochlo'ricus, a, um. hydrocyan'icus, a, um. hydrogen'ium, i. n. From  $\ddot{v}\delta\omega\rho$ , water; and γεννάω, I beget. hydrosul'phas, atis (see p 153).

hyoscy'ămus, i. m. ὑοσκύᾶμος. hyper'īcum, i. n. hyssō'pus, i. m.

jălā'pa, æ. f. From Xalápa, the name of a province in South America.
janī'pha, æ. f. From Janipába, a Brazilian word.
jat'rŏpha(iat'rŏpha),æ f. From ĭaτρον a remedy; and φαγεῖν, to eat.
jūjū'ba, æ. f.

junip'erus, i. f.

ichthyŏcol'la, æ. f. ιχθυόκολλα. i'cica, æ. f. Icica, a South American word. i'lex, i'licis. f. illic'ium, i. n. impū'rus, a, um. in'dicus, a, um infecto'rius, a, um. inflatus, a, um. infu'sio, onis. f. infü'sum, i. n. in'tybus, i. m. in'ula, æ. f. iodin'ium, i. n. From ιωδης, violet colored. io'didum, i. n. ipecacuan'ha, æ. f. Ipécaágoéne, a Brazilian word. ipomæ'a, æ. f. i'ris is vel idis. f. isā'tis, idis f. islan'dicus, a, um.

kāli, indecl. n. ki'no, indecl. krame'rĭa, æ. f.

lach'ryma, æ. f.
lactū'ca, æ. f.
lactucā'rium, i. n.
lā'dănum, i.
lă'mium, 1. n.
lanceola'tus, a, um.

lancifo'lius, a, um. langs'dorf, fii m. lăp'ăthum, i. n. lăth'yris, λάθυρος. laud a'num, i. Commonly prononnced laud'anum. laure'ola, æ. f. lau'rus, us vel 1. f. lăvan'dŭla, æ. f. lěgů'men, ĭnis. n. lentis'cns, i. f. leon'todon, i. m. From λέων, a lion; and oδούς, a tooth. lī'chen, ēnis. m lig'num, i n. lī'lĭum, i. n. li'māx, ācis. f. limet'ta, æ. f. limo'nes, um. m., lemons. limō'num, i. n., the lemon tree. lī'num, i. n. liquidam'bar n. lithar'gyrum, i. n. λιθάργυρος. li'quor, oris. m. lit'mus, i. m. lobe'lia, æ. f. lo'lium, i. n. lon'gus, a, um. lumbrī'cus, i. m. lupi'nus, i. m. lŭ'pŭlus, i. m. lūte'olus, a, um. lū'těus, a, um. lýc'ius, a, um. ly copod'ium, i. n. λυκοπόδιον. lyth'rum, i. n. From λύθρον, gore. lyt'ta, æ. f. mă'cer, măc'eris, mace.

ma'cer, mac'ěris, mace.
ma'cis, macidis. f.; ma'cis, is.
m., mace.
macrocěph'ălus, a. um. From
μακρος, long; and κεφᾶλή, the
head.
maculā'tus, a, um.
magistē'rĭum, i. n.
mag'nēs, ētis m. From μάγνης.

magne'sia, æ. f. magne'sium, i. n. magnét'icus, a, um. magno'lia, æ. f. mājōrā'na, æ f. malague'ta, æ f. From Malaguette, the Portuguese name for a country in Africa. malicor'ium, i. n. mal'va, æ f. mandrăg'ora, æ. f. mangané'sĭum, i. n. man'na, æ. f. maran'ta, æ. f. marit'imus, a, um. marilan'dicus, a, um. mar'mor, oris. n. marrub'ium, i. n. mars, mar'tis. m. mas, ma'ris. m. mas'tiche, es f. matrica'ria, æ. f meco'nícus, a, um. μηκωνικός. mēco'nine, indecl. From μήκων, а рорру; инкшигог, оргит. med'icus, a, um. medicină'lis, e. mel, mel'lis n. mělaleu'ca, æ. f. From μέλας, black; λευκός, white. mělampod'ium. μελαμπόδιον. mellificus, a, m. mē'lo, onis. m. mēnisper'mum, i. n. From μήνη, the moon; and σπέρμα, seed. men'tha, æ f. mēnyanth'es. f. From μήνη. the moon; and  $\tilde{a}\nu\theta\sigma$ , a flower. mercuria'lis, lis. f. meze'reum, ei. n. millep'eda, æ. f. mindere'rus, i. m. min'ium, i. n. mi'nor, us. mi'nus, a, um. momor'dica, æ.f. mor'phia, æ. f. From Morpheus, the god of sleep.

mō'rum, i. n, a mulberry. mō'rus, i. f., a mulberry tree. moschā'tus, a, um. moschif'erus, a, um. mos'chus, i. m. mucila'go, inis. f. mucu'na, æ f. mu'rias, atis. f. (see p. 153) muriat'icus, a, um. myris'tica, æ. f. myris'ticus, a, um. myrr'ha, æ f. myrosper'mum, i. n. From μύρον, perfume; and σπέρμα, seed. myrox'ylon, i. n. From μύρον, perfume; and ξύλον, wood. myr'tus, i. f.

napel'lus, i. m.
nephrō'dĭum, i. n From νεφρός,
a kidney
nicotiā'na, æ. f.
nĭ'ger, gra, grum.
ni'tras, ātis (see p. 153).
ni'trīcus, a, um.
ni'trum, i n. νίτρον.
nō'bilis, e
nux. nŭcis f.
nymphæ'a, æ. f.

oblongifo'lius, a, um. obovā'tus, a, um. oc'ŭlus, i. m. offici'na, æ. f. ŏl'ea, æ.f. ŏl'eum, i. n. ŏlib'ănum, i. n. ŏlī'va, æ. f. o'pium, i n. From oπos, juice. opobal'sămum, i. n. ŏpŏp'anax, acis. f. From οπός, juice; and mávag, the plant which yields it. or'chis, is vel ios. f. opxis. orig'anum, i. n. or'nus, i. f. os'trea, æ. J.

tormentil'la, æ f. toxicoden'dron From τοξικόν, a poison; and δένδρον, a tree. trăgăcan'tha, æ. f. tri vel tris. A prefix to the names of certain chemical compounds. It signifies that the base is trebled. triand'rus, a, um. trifoliā'tus, a, um. triti'cum, i. n. trochis'cus, i m. tüber, ĕris. n. turpë'thum, i. n. tussīl'āgo, inis. f. tū'tia, æ. f.

văleriā'na, æ. f.
vanil'la, æ. f.
verā'tria, æ. f.
verā'trum, i. n.
verbas'cum, i. n. Altered from
barbascum.
ve'rus, a, um.

vesicatō'rĭus, a, um.
vī'nifer, vinĭf'ĕra, ĕrum.
vi'num, i. n.
vĭ'ŏla, æ. f.
vi'tex, ĭcis f.
vi'tis, is. f.
vītrĭ'ŏlum, i. n.
vŏm'ĭcus, a, um.
vulgã'ris, e.

ul'mus, i. f.
ur'sus, i. m.
urtī'ca, æ. f.
usitātis'sĭmus, a, um.
us'tus, a, um.
ū'va, æ. f.

ze'a, æ. f.
zedoa'rĭa, æ. f.
zin'cum, i. n.
zin'gĭber, eris. n. ζιγγίβερις.
zygophyl'lum, i. n. From ζῦλόν,
a yoke; and φύλλον, a leaf.

# PART II.

### ABBREVIATED PRESCRIPTIONS.

### CHAPTER I.

TERMS USED IN BLOOD-LETTING, ETC.

- 1.—Detrah. è brach. sang. ad 3x. statim.
- 2.—Fiat, v. s. ut fluant sang. 3v.
- 3.—Opus est venam cub. secare, ut sang. fluat ad 3x.
  - 4.—Ad recidiv. præcavend. detrah, sang. p. r. n.
- 5.—Extrah. sang. pleno rivo, ad Zvj. quamprimum.
  - 6.—Emitte sang. Zxvj. saltem, vel ad deliquium.
  - 7.—Dimove. sang. per saltum, ad 3x. vel ultra.
- 8.—Detrah. ex arteriâ temp. sang. Zvj. quamprimum.
- 9.—Mitt. sang. illicò ex largo vuln. ad 3x. vel donec æger palescat vel languescat.
- 10.—Repet. sang. detractio, ut localis et generalis.
  - 11.—Iterum fiat v. s. ad defect. animi.
- 12.—Sanguis eodem modo, quo ante, iterum mittendus est vero ad Zxvj.
- 13.—Pertund. vena brach. et detrah. sang. ad 3xx. vel usque ut liquerit animus.
  - 14.—Repet. v. s. ad tres alias vices, ad eandem

quantit., tribus diebus sequent., quando dolor et respirandi difficult suad.

- 15.—Die sequente celebretur iterum v. s. ad eandem quâ antea quantit.
- 16.—Mitt. sang. è brachio ad Zxij. quamprimum; ac postea ex venâ jugul. ad Zviij.
  - 17.—Sang. denuò mittend. est, ad 3x. tântum.
- 18.—Mitt. sang. de novo, et repet. ad animi ferè deliq.
- 19.—Extrah. sang. è brachio; et eodem die post aliquot horas, vel die sequenti, duabus horis post leve prandium, cap. pulv. emetic.
- 20.—Si primæ venæsect. non cedat morbus, tum repet.; et nondum cessante, ad duas alias vices celebret., interpos. semper die uno.
- 21.—Necnon admov. cucurbit. c. ferro nuchæ cap. mitt. sang. ad Zxij.
- 22. -Statim abrad. capill. et applic. cucurb. cruentæ nuchæ.
- 23.—Accommod. cucurb. cum ferro sub aurem lateris affecti, et mitt. sang. ad Ziv.
- 24.—Admov. cucurb. cum scarificat. parti thoracis dolen. p. r. n., et exsug. sang. ad Zviij.
- 25.—Semel in septimanâ, applic. temporibus utrinque hirud. iij.
- 26.—Hirud. xxiv. statim lumb. admov., et quando remotæ sunt, cataplasma emoll. applic.
- 27.—Admov. hirud. iij. sing. tem. si adsit dolor capit.
- 28.—Applic. jugul. hirud. iv.; et post flux. sang. applic. empl. lyttæ.

- 29.—Detrah. ex ischio affecto, et part. adjacent. ope cucurbit. cum scarificat. sang. Zvj.
- 30.—Applic. adversum renes, hirud. xij. vel cucurbit. cruent. ut extrah. sang. Zxij.
- 31.—Convulsione redeunte, haud aliter, detrah. sang. per cucurbit. iij.
- 32.—Si dolor perstit. ad latus, mitt. sang. 3xx. è brach.
  - 33.—Sanguisug. iij. fronti impon.
  - 34.—Admov. cucurbit. sicca regioni hepat.

## CHAPTER II.

FORMS FOR BLISTERS, ETC.

- 35.—Adhibe emplast. canthar. tumori in alâ dextrâ, per spatium xij. hor. vel donec in vesic. manifestò epidermis elata sit.
- 36.—Applic. abdom. emplast. lyttæ super alufam satis latam extens.
- 37.—Admov. parti thoracis super. emplast. lyttæ, et post vesicat. applic. cerat. sabin. ut ulcus perpet. fiat. Fluxu cessante utat. sequent.

R Cerat. Sabin. Unguent. Lyttæ p. æ.

- 38.—Admove tela vesicatoria (ad exemplar) extern. part. guttur.
- 39.—Admov. capiti raso ungent. canthar. usque ad vesicat.

40.—Admov. prope cartilag. thyroid. utrinque, emplast. lyttæ.

41.—Abrad. capill., et admov. toti capit. sericum

vesic.

42.—Applic. prope articul. femor. super. emplast. lytt. super quod 3j. pulv. lytt. insperg. est.

43.—Si valde urgeat dyspnœa, applic. emplast. lyttæ, et fiat ulcus perpet. ope unguent. sabin.

M. Fiat emplast. super. alutam extendend. quo pedes invol. post pediluv.

45.—Impon. nuch. capit. vel suris extern. emplast. lyttæ.

46.—Emplast. lyttæ collo impon. quâ dolet.

47.—Admov. pannus vesicat. lateri sinist.

48.—Adhib. emplast. epispas. satis ampl. et âcre, inter scapul.

Cerâ, Sevo et Adipe simul liquefact. paulo antequam concresc. Lytt. et Camphor. insperg., atque omnia misce ut fiat emplast. epispast. regioni jecor. applic.

50.—Admov. charta vesicat. occipiti. Curet. pars exulcer. unguent. sabin.

51.—Nata humor. detract. ab. emplast! lyttæ, si res postulav. promov.

52.—Emplast. ij. vesicat. brach. intern. infra cubit. quamprimum impon.

- 53.—Admov. taffeta vesicat genu, et fluxus postea eliciat. ope unguen. sabin.
- 54.—Cerat. lytt. part. excor. impon., ut natus humor ab emplast. lyttæ promov.

Simul bene contrit. sit emplast. scuto pectoris.

56 — Fiat fontic. ex parte vesicat. ope unguent. sabin.

Emplast. et sapon. simul liqua, et paulo antequam concresc., immisce salem in pulv. tenuem tritum. Extens. super alutam, parti affectæ quamprimum applic. et p. r. n. repet.

58.—Caput tonderi debet, et emplast. vesicat. circumcirca tegi.

59.—Applic. regioni singul. renum, emplast. lyttæ parvum (magnitud. nummi semicoronæ).

## CHAPTER III.

FORMS FOR MIXTURES, ETC.

M. Hujus capiat Zj. horâ 7mâ matut.: et circiter horam x. partem reliq. sumat si opus fuerit.

61.—R Liquor. Ammon. Acet
62.—R Tinct. Valer
sylvest. sub formâ theæ parati.
63.—R. Mist. Amygd
Quod unciat. sumatur, tussi admodum ingravesc.
64.—R Inf. Gent. co oz. 6  Magn. Sulph oz. 1  Cap. cochl. iij. magna post jentac. et post prand.
quotidie.
65.—R Liq. Amm. Acet
66.—R Fol. Rosæ Aq. fervent. Aq. fervent. Stent per horam; colat. adde Succi Limon. Sacch. albi, aa. q. s. ad gratam acerbit. dulced.
67.—R Antim. Potassio-Tart gr. vj Aq. puræ

68.—R Sod. Subcarb	j
69.—R Sodæ Bicarb	et
70.—R Decoct. Lichen Oj Sumat æger pocul. omni bihorio.	
71.—R Magnes. Carb	
72.—Capiat cochl. ij. ampl. Aq. Menth. p omni horâ, donec singult. et nisus ad vomit. cess	
73.—R Tinct. Digit	xx aq.
74.—R Magnes. Carbon	

M. Capia	Mist. Ammon. Tinct. Opii at cochl. ij. magn. sussis accrev.	: statin	i; itei	· ent	Zvj Zj tur post
tum sensin	Dec. Hord. Ol. Olivæ Mucilag. Acaciæ m cum mucilag. n adde decoct. ut Magn. Sulph. 3j.	fiat en	prope	CO	iverint.
TI. DAIII	Sp. Ammon. aron Tinct. Assafæt. Syr. Croci Aq. Cinnam e cochl. parvum t gente convuls. vel	er qua	terve	de	3j 3ss 3ss 3j die, vel
78.—R Fiat mist. singul. dej	Inf. Krameriæ Tinct. Opii . cujus sumant. e ect. liquid.	eochl.	iij. m	· agı	ξvj 3j a. post.
M. Suma	Sod. Sulph  — Phosph  Syr. Rham  Aq. Menth. pip.  It Zj. statim, et resus prius respond.	petat.	dosis	pos	Ziss Ziv Ziv z vj
Fiat mist.	Tinct. Hyoscyam. Pot. Acet. Syr. Croci Aq. Anisi cujus sumant. con die, vel ut opus	chl. ij	· · · · · · · ·	iij.	ziss ziv zij zvj minim.

81.—R Ipecac. Rad. Pulv.  Pot. Bitart.  Aq. fervent.  Macera per horam integr., dein cola et adjice  Syr.  M. Detur 3ss. vel cochl. ampl. omni semihorâ, donec vomit. proritav.
82.—R Tinct. Opii
83R Decoct. Aloës comp
84.—R Sodæ Potassio-Tart
85.—R Plumbi Acet gr. iv Aq. destill
86.—R Magn. Sulph.  Acidi Sulph. dil.  Aq. Menth. pip.  Syr. Rhœad.  M. Hujus mist. sumant. cochl. iv. omn. tribus horis, donec venter rite solut. fuerit.

15\*

87.—R Inf. Senn
88.—R Mist. Amygd
89.—R Antim. Tart
90.—R. Tinct. Jalap
91.—R Cetrar. Island.  Aq. frigid.  Coque ad Zxij., stet ut geletur, et utat æger gelat. ad libitum.
92.—R Lact. Vac

93.—R Liq. Ammon. Acet
94.—R Inf. Sennæ fl. oz. 6 Sumat primò, omni quadr. horæ, cochl. dein assumpt. vices protrah. ad horam, et ultra pro successu.
95.—R Dec. Aloës comp fl. oz. 6 Cap. æger cochl. iij. ampl. p. r. n.; postea augend. minuendovè quant. prout sedes pauciores pluresvè promov.
96.—R Cret. præp
97.—R Vin. Ipecac
98.—R Tinct. Rhei

99.—R Tinct. Opii
100.—R Dec. Cinchon
101.—R Tinct. Opii
102.—R Sp. Ammon. arom
103.—R Inf. Sennæ fl. oz. 6 Tinct. Jalap fl. dr. 6 M. Sumant. cochl. iij. ampla, singulis horis, ad plenam alvi solutionem.
104Perst. in usu mist. cathart. donec alvus ter quatervè plenè respond.

106.—R	Tinct. Scillæ		zi	
	Tinct. Scillæ		ži	
	Tinct. Opii		Zi	
M. Fiat n	nist. de quâ subinde cap.	Zi. on	ittati	im.
	molliend. et exspuit. prom			,,,,
1011%	Ammon. Sesquicarb		31	
	Tinet. Card		3.	
	Syr. Rhœad Aq. Menth. pip de quâ cap. cochl. j. lar	1	311	
T: : - t	Aq. Menth. pip.		31V	1
	de qua cap. cocni. J. lar	g. si	pusi	ul.
evanesc.				
108.—R	Liq. Ammon. Acet.		<i>3</i> J	
	Vin. Antim. Potassio-Tart Aq. Menth. sat	Ū• •	31	
	Aq. Menth. sat		317	
	Syr. Croci		3j	
Fiat mist.	de quâ coch. larg. j. secun	dis ve	el ter	tiis
horis exhib	., sæpiùs rariusvè prout fe	b. vel	heme	nt.
vel mit. fue	erit.			
109.—R	Tinct. Assafæt		3ij	
	Ammon. Carb		3ss	
	Aq. Puleg		Ziv	
Fiat mist.	de quâ cap. cochl. j. vel	coch	l. ij.	in
lang. vel su	idor, frigid. vel. frig. paror	xysm.		
	Detaga Pitant		7;	
110. 1%	Ol Limon		ett.	xv
	Ol. Limon		Žii	
	Aque bullientis	1200	Oii	
M Hanra	et. pro potu commun. ubi	æger	inter	nsâ
siti vexat.	et. pro pota comman. ass	w Bor		
	DITI		-:	
111.一民	Pulv. Jalap		3.]	
	Zingib		gr.	XX
	— Zingib.  Magn. Sulph.  Aq. puræ	•	3J.	
	Aq. puræ		3 VJ	
M. Cochl.	J. sing. noris exhibeat.	quaq	ue v	ice
phial, agita	nd. ut permisceatur pulv.			

112.—R Cort. Cinch
113.—R Inf. Chirett
114.—R Decoct. Hord Oss Nitr. purif
115.—R Sp. Ammon. arom
116.—R Tinct. Opii 3j Syr. Croci 3j Tinct. Cardamom 3ij Aq. Cinnam 3vj M. Cochl. j. exhib. dosisque iteretur, prout urg. morb.
117.—R Liq. Ammon. Acet. (P. L.) . 3ij Tinct. Opii 3j Vin. Antim. Potassio-Tart 3j Aq. Menth. sat 3ij M. et in iij. vel iv. dos. divide, quarum j. omni bihorio in insult. remiss. sumend.

210
118.—R. Vin. Colch.  Tinct. Jalap.  Inf. Sen.  M. Ista dos in ii part dividi natast
Inf. Sen.
M. Ista dos. in ij. part. dividi potest, quarum j.
mane, alt. sero exhib.
119.—R Æther. cochl. min. urgent. flatu in Aq. Menth. pip. sumend.
120.—R Decoct. Cinch. Tinct. Myrrh.  Acid Hadrall
Tinct. Myrrh.
Acid. Hydrochl q. s.
ad grat. acerb. reddend.
121.—R Tinct. Sennæ
A Diment
Aq. Piment.
M. Cap. dimid. stat. et semihorâ elaps. quod.
reliq. est.
122.—Prætermit. mist. salin.
123.—Cap. Tinct. Opii gtt. xxx. horâ somni, et
repet. omni 3tiâ horâ perst. dol. et spasm.
101 5
Tinct. Serpent
Aq. Piment.
M. Cap. cochl. modicum, 4tis horis, aggredient. feb.
125.—R Inf. Sennæ
Magn. Sulph
M. Ex hâc mist. primo die cochl. j., alt. die duo,
et sic deinceps propinent.
126.—R Sarsap. Rad.
Zingib. Rad. contus. āā . ¾ss Sassaf. Rad. concis ¾j
Coque leni igne in Aquæ Font. Oiv., ad dimid.
consumpt. ut fiat decoct. cujus bibat f Zviij. modice
tepefac. post bolum, et mane repet. in lecto ad dia-
phores. ciend.

127.—R Acidi Sulph. dil	
Tinet. Card	
Fiat mist. cujus sum. cochl. min. sext. horis, in	1
quovis vehic. grat.	
128.—R Sp. Ammon. arom	
Tinct. Card.	
128.—R Sp. Ammon. arom	
Aq. Puleg	
Sum. oppriment. lang. cochl. ampl. ij.	
129.—R. Tinct. Castor.	
Tinct. Myrrh. āā	
Syr Croci	
M. Sum. cochl. iv. ampl. manè, merid. et horâ	
somni, ad biduum vel triduum; quo elaps. et uno	)
tantum die interject. sum. potion. emet. sequent	
mane, superbibend. Inf. Flor. Anthem. q. s. ac	l
vomitiones quater aut quinquies proritand. cum	1
debito regimine.	
130.—R Vin. Ipecac fl. oz. 1	
Antim. Potassio-Tart gr. ij	-
M. et fiat potio.	
131.—R Soda Tart Zee	
Tinct. Rhei	
131.—R Sodæ Tart	
Aq. Piment.	
Fiat mist. cujus cap. æger cochl. iii. magn. omn	i
bihorio donec alvus purgetur.	
132 — R Ag pluy	
132.—R Aq. pluv	
Colmon haring day de la	
Solve; hujus danda sunt cochl. ij. medioc. sing	
horæ quadrant. donec vomitus sequatur.	

133.—R Inf. Sennæ
134.—R Catech
135.—R Decoct. Aloës fl. oz. 6 Sodæ Sulph oz. ss Fiat mist. cujus sum. æger cochl. ij. ordin. secundâ quâque horâ, donec amplè purg.
136.—R Acid. Nitric. dil
137.—Cap. æger \( \frac{7}{2}\ss. \) Inf. Sennæ pro dos. ex cyath. parv. Decoct. Hord.
138.—Cap. æger cyath. vinos. parv. Inf. Gentian. secundâ quâque horâ.
139.—R Magn. Carb 3ss Pulv. Rhei 3j Aq. Piment 3vj M. Sumant. cochl. iij. magn. post unamquamque sed. moll. vitro prius concusso.
140.—R Sodæ et Potas. Tart 3vj Aq. Cinnam 3ij  Fiat sol. duabus vicibus sumend.  16

141.—R Inf. Quass	,
142.—R Tinct. Opii	
143.—Repet. mist. p. r. n. si opus erit, ad vom. sedand.	
144.—R Tinct. Opii 3.j Syr. Papav 3.j Aq. Menth	
145.—R. Tinct. Hyoscyam	
146.—R Magn. Subcarb	
147.—R Ras. Corn. Cerv	

148.—R	Inf. Sennæ .		3vj
	Sodæ Sulph.		388
	Syr. Rhamni.		3ij

Fiat mist. Detur imprimis Zj. et interpos. tribus vel quatuor hor. cochlear. exhib. si fuerit opus, et post ij. alias horas repet. dos. si alvus antea non mov.

## CHAPTER IV.

FORMS FOR DRAUGHTS, ETC.

FORMS FOR DRAUGHTS, ETC.
149.—R Magn. Sulph
sumend.
150.—R. Inf. Gentian
Tinct. Cardamom 3j
Fiat haust, quem æger sum, tribus ante prand. horis.
151.—R Inf. Sennæ 3j
Sum. p. r. n. postea augend. minuend. quant. prout
sedes pauc. pluresvè prom.
152.—R Sp. Æther. Nitr gtt. xx Liq. Ammon. Acet fl. dr. 1
Liq. Ammon. Acet fl. dr. 1
Aq. Menth fl. oz. 1
Fiat mist. salin. cujus cap. cochl. parv. omni horâ,
cursu noct.
153.—R Pot. Carb
Aq. dest
Aq. Cinnam 3ij
Syr 3i
Aq. Cinnam

M. ut fiat haust. statim sumend. et rep. post horas ij., si non antea ventriculus emet. rejecerit, vel si alvus non laxata fuerit.

M. et fiat haust. sextâ quâque horâ sumend. si aderit vel spasma vel pulsûs languor.

156.—Perst. in usu haust. nocturn. heri præscript.

157.—Sit in promptu, haust. cum Vin. Colch. 3j., horâ somni sumend. si redintegraverit malum arthritic., vel involverint vigiliæ inter noctem.

158.—Rep. porrò haust. inter noctem cum Tinct. Opii, si vigiliæ involverint, vel increbuerit tussis.

159.—R	Acid. Nitric. dil.		388
	Sp. Æther. Nitr.		Ziij
	Tinct. Hyoscyam.	a. L.	3ij
	Aq. pur		Oij
	Syr. q. s.		

ad acorem compescend. et gust. conciliand. Sum. quotidie instar potûs, et bibat quantum sitis exigat.

160.—Sum. ægrotus omni mane, si possit, Zviij. lact. asin. pro jent.

161.—Cap. æger haust. cathart. proximâ luce nav. conscend.; et si post navigation. vom. supervenbibat æger spiritûs alicujus paululum aq. commixt.

M. Fiat haust, horâ nomâ matutinâ sumend. Vomitu supervenient, bibat æger, vicibus repetitis, Inf. Anthem. aliquot cyath. Vomitu finito, cap. pulv. sudorif.

163.—R Inf. Sennæ
Pot. Tart
Tinct. Cinnam. co f3ij
Ex his fiat haust, summo mane deglutiend. Rep.
idem tertio quoque die.
164.—R Tinct. Opii gtt. xx Syr. cujusvis f3j
Syr. cujusvis
Mist. Camph f3j M. Cap. æger haustul. hujusmodi, singulis nocti-
bus, horâ solitâ.
165.—R Tinct. Castor gtt. x
Sp. Æther. Nitric gtt. xv
165.—R Tinct. Castor gtt. x Sp. Æther. Nitric gtt. xv Pot. Nitrat gr. vj Aq. Piment
M. First houst in prompty habond of prompt
M. Fiat haust. in promptu habend. et urgent. febris paroxysm. sumend.
166.—Sum. æger omni mane guttas ix. Acid.
Sulph. dil. ex jure vitulino.
167.—R Samb. cort. interior. manip. j
Incoquatur in Aq. Oij. ad Oj. Decoct. hujus alt.
medietas mane, alt. sero quotidie, assumatur, donec
æger convalesc.
168.—Sum. Tinct. Opii guttas xx. in vehiculo calido convenient.
169.—R Pulv. Rad. Ipecac
M. Fiat haust. emet. Potione copiosa pur. aq.
tepefact. vomitio benè provocetur.
170.—R Inf. Gentian. co
Potas. Brom gr. v
Fiat haust. mane et horâ quartâ pomeridianâ
potand.

	Ol. Ricini Pot. Carb. Aq. Piment. d. art. mist.			:	gr. vj Žj	1
	Tinct. Opii Syr. Croci Aq. Menth. haust. somno	virid.	3 3		gtt. xv 3i 3j	7
173.—R	Tinct. Myrrl Sp. Æther. Syr. Tolut. Aq. Piment.	Nitr.			3ss 3j 3j 3ij	

M. et fiat mist. de quâ cap. Zj. si vel languores vel horrores conting.

174.—Cap. Acid. Sulph. dil. guttas x., vel numero sufficientes ad moderatam aciditatem in sing. selibris decoct. hord.

175.—Sequent. auror. sum. Ol. Ricini quantum satis sit ad alvum solvend.

176.—Sum. æger Vin. Antim. guttas xx. quartâ, quintâ vel sextâ quâque horâ, nauseâ, non tamen excitand.

177.—R	Cupri Sulph.		gr. v
	Aq. Menth. sat.		3j
	Syrupi simpl.		3j

Fiat haust. quando venenum in ventriculum receptum est sumend.

178.—Bibat Inf. Sem. Lini ad lib.

179.—R Rad. Sarsap
dium, stomacho vacuo, sumend.
181.—R Tinct. Opii gtt. xv Aq. Menth. sat
182.—R Pot. Carb
M. Fiat haust. cum succi limon. cochl. J. ampl.
in impetu ipso efferv. sumend.
183.—R Tinct. Jalap
184.—Contin. haust. nuperrimè præscrip.
185.—R Liq. Ammon. Acet. (P.L.) . 3j Sp. Æther. Nitr 3ss Tinct. Opii gtt. xv. Aq. pur 3ij M. Fiat haust. quartâ quâque horâ capiend. Ut effectus sudorif. augeatur, adde sing. haust. Antim. Potassio-Tart. gr. 4.

186.—R Tinct. Castor
187.—Perdomito symptomate, mane et sero ad dies paucul. contin. usus haust.
188.—Contin. haust. effervescent., sicut jamjam paratum.  189.—Cochl. j. Tinct. Lavand. comp. per se propinari possit, bis vel ter durant. paroxysm. horâ dimidiâ vel integrâ interpos.
190.—R Decoct. Sarsap. co Oj (fʒxx) Potas. Iod Əj Sumat pocul. (ʒiv.) bis tervè indies.
191.—R Tinct. Opii gtt. xx Mist. Cret
192.—R Magn. Sulph
193.—R Mist. Cret

M. Fiat hat tempore use	Tinct. Calumb. Acid. Sulph. dila Aq. Cinnam. Syr. Rhæad. aust. quartâ qua as adde sing., sa	ut. : âque l i opus	orâ su	gtt. xv 3j 3ij mend. et
M. Fiat ha	Inf. Digital  — Gentian. co Syr. Croci ust. vj. Sum. j. si vires permit.	6tis ho		3.1
M. Fiat ha	Inf. Calumb. Potass. Hydriod Syr. Aurant. ust. meridie et hor r septim, integra	 orâ qui	ntâ por	gr. v Zij neridianâ
	Bals. Copaib. Mist Acac. Liq. Pot. Syr. Aurant. Aq. dest. cochl. ij. vel iij			1)1100
198.—Ŗ	Bals. Copaib. Liq. Pot. Aq. dest. quadrant. horæ, Sp. Æther. Nita	et tund	adde	part. ij part. iij part. vij
Capiat æger j. ter die.	Stet per hor, liquoris limpid	ras ij. V l. supei	rnat., c	ochl. med.

190	ABBREVIATED PR	ESCRIP	TIONS		
199.—R	Bals. Copaib. Vitell. j. Ovi				388
	Sacch. puri . abactis terend. add ut fiat emulsio.		atim.	Āq.	χj Menth.
	Calomel Conf. Opiat		:		gr. iij gr. vj
Vesp. ni	statim sumend. si prius bis salter cin. \( \mathcal{Z} \) ss. vel q. s.	m deje	e. alv.	, ca	p.
	medicam. liberè s				
	Liq. Amm. Ace Aq. Cinnam.				
Uab dia	Vini Antim. Syr. Pap. alb. 3	j.	· M.	. Ft	gtt. xv . haust.
Feb. die xx 201.—Re non noviss	epet. remedia oli	im (pe	nult.)	pi	ræscrip.
Si alv. a	dstrict. fuerit ma olut. fuerit.	gnes. v	ritriol	. au	geat. ut

Mart. xjmo.

202.—R Inf. Senn. Ziss.

Mannæ 3ss.

Tinct. Jalap. 3j. M. Cap. coch. larg. j. horâ 3<sup>tia</sup> quâque, donec sed. tres vel quatuor procur.

R Lin. Ammon. 3vj

Ung. Hydr, fort. 3j. M. Ft. linim. cerv. et scapul. omni noct. et mane, manu calid. assiduè applicand., superimpon. pann. lan. eodem imbut. Et post operat. Mist. Senn. ad usum Mist. Antim. in prompt. confug.

Nov. xxivto.

Coq. igne leni ad Ibj. sub fin. coction. addr.

Glycyrrh. Rad. cont. zij. et cola; cujus cap. coch. iij. ampl. ter quotidie.

Oct. x°.

potest, sæpius in die.

## CHAPTER V.

FORMS FOR POWDERS, PILLS, ETC.

204.—Prosit forsan dare ægro, lectum ituro, Pulv. Hydrarg. subchlor. gr. v.
1 div. Hydrarg. Subcinor. gr. v.
205.—R Coccinell Эj
Sodii Chlorid 3ij
M. Fiat pulv. Detur cochl. dimid. pro dos. tem-
pore matutin.
•
206.—R. Pulv. Jalap
Hydrarg. subchlor 3ss
M. Dent. gr. xij. ad xxiv., quando alvi ductione
opus sit.
207.—R Magn. Carb 3ss
Fœnic. Sem.
Sacch. purif. āā 3j Terant. in pulv. Dos. quantum cultri apice capi
Terant. in pulv. Dos. quantum cultri apice capi

208.—R Hydrarg. subchlor. . . . 3j
Conf. Ros. quantum satis sit. Contunde
in mass. et divide in pil. xxx. Sumatur j. bis
indies, ut cieatur ptyalismus modicus.

209.—Augeatur dos. Pulv. Jacob. ver. ad gr. vj	j.
210.—R Hydrarg. Oxyd. rubr gr. j Opii tertiam grani part.	
Caryoph. Ol gtt. j Fiat pil. horâ somni per hebdom. sumend.	
211.—R Myrrh. Gum. Resin 3ss	
Sacch. puri	3,
212.—R Pulv. Opii gr. iij	
Ext. Glycyrrh gr. vii Fiant pil. ij. nocte sumend. ad vicem secund.	
213.—R Capsic. Sem. contrit gr. vj Lauri Bacc	
M. Fiat pulv. dividend. in iij. part æquales quarum prima portio sumatur, incipient. primor	; e
rigore; secunda, postridie eâdem horâ; tertia vere tertio die.	
214.—R Conf. Opii	
215.—R Extr. Colocynth. co	
Fiat massa in pil. xij. dividend. Cap. summo mane iij. et postea ij., si alvus, horis	
sex, non satis dejecerit.	0
216.—R Pulv. Rhei	
Syr. Althææ q. s. ut fiat bolus, horâ somni sumend. et alt. noctibus repetend. ad. ij. vel iij. vices.	-
217.—R Extr. Cicut	1
chartaceâ pyxide.	

218.—R Extr. Colocynth. . . . Pulv. Scam. . . . . . . . . . . . . . . . . . . Hydrarg. subchlor. . . gr. xij M. Fiant pil. xij., quarum cap. j. nocte, quoties alvus fuerit justo adstrictior.

219.—R Ext. Elat. . . . gr. ss — Colocynth. co. . . gr. v Ol. essent. Menth. pip. . gutt. j In pil. conficiant. cras mane deglutiend. iterumque mane perendino.

220.—Ad nauseam supprimend. bibat æger sp. alicujus paululum aquâ commixt.

221.—R Cort. Cinch. Pulv. gr. xv. ad 3ij Cap. è cyath. vini generosissimi horæ quadrantis ad horas iv., intervallo, ita ut æger sum. 3vj. ad minim., inter ij. paroxysm.

Opt. terant. simul, dein in pulv. viij. æquales dividant., quorum cap. æger j. omni horæ quadrante, donec adsit catharsis.

223.—Accip. vespere Jalap. Pulv. Hydrarg. subchlor. . . . gr. v Conterant. in molem syrupo simpl. ut fingantur globuli iij. æquales.

Syr. Zingib. q. s. ut

fiat massa, in pilulas xxx. dividend., quibus cap. iij. indies, contra calculos renum.

225.—R Pulv. Jalap
226.—R Pot. Sulphat
227.—R Pulv. Cinch
228.—Sumant. Pulv. Calumb. gr. x. sing. auror. ex pulte.
229.—R Pulv. Nitr. Pot.  —— Pot. Sulphat. āā gr. xv.  Fiat pulv., in promptu habend., et urgent. paroxysmo sumend.
230.—R Pulv. Jalap
231.—R Pot. Nitr gr. xx Sacch. alb
232.—R Querc. Cort

FORMS FOR POWDERS, PILLS, ETC.	195
233.—R Zinci Sulph.  Aq. pur.  Sumatur tertia pars, ter die, augend. dos. sit, et si ferat ventriculus.	gr. xij Žiij si opus
Vespere ante somnum sumend.	gr. v
235.—R Extr. Colocynth	3j nec com-
236.—R Pulv. Ipecac.  Antim. Potassio-Tart.  Fiat pulv. emet.: ex pauxillo alicujus idonei hauriatur, et vom. mot. superbibant aliquot inf. anthem. tepidi.	liquoris
237.—R Pulv. Cinch. Divide in partes xij. Capiat j. secundâ ve quâque horâ, ex cyatho parvo lact. vaccin. absente febre.	el tertià
238.—R Conf. Rosæ	gr. vj
239.—R Pil. Aloës cum Myrrh. Fiant. pil. xij., quæ obruantur pulv. glycyt	3j rrhiz.
240.—R Pulv. Digital. —— Glycyrrhiz.  M. In pulv. iij. hæc quant. dividend est. ifiat exactissima.	gr. iij gr. xx
241.—R Extr. Papav.  Fiant pil. ij., quarum cap. j. statim, et a horas iij., si vomitus perstiterit.	gr. x lt. post

243.—R Pil. Hydrarg. . . . gr. x Fiant pil. ij.

Devoret æger j. bis in die, horâ decimâ et horâ

secundâ.

245.—Dentur Rad. Ipecac. in pulv. subtilissimum tritæ gr. iij. vel v. diluculò, sing. vel alt. diebus.

246.—Sumantur Filicis Rad. in pulv. tritæ 3ij.

vel iij. è cyatho Aq. Menth. primo diluculò.

Elapsis duabus horis, devoretur bolus ex Hydrarg. Submur. gr. v. vel vj. et Cambogiæ gr. viij. vel x.; assumpto subindè haustulo Inf. Theæ virid.

248.—R Antim. Potassio-Tart. . . . gr. vi Pulv. Fol. Digit. . . . gr. x Conf. Rosæ q. s. ut fiat massa in pilulas xx. dividenda.

Initio sumat æger pil. j. pro dosi, mane ac nocte, postea ij. dein iij. et denique augeatur dosis quantum fieri potest.

249.—R Extr. Gentian. . . . gr. x Fiat bolus; detur jejuno stomacho.

250.—R Pulv. Aloës
M. Cap. gr. x. ter die. Dosis sensim augenda est, donec 3j. in die sumatur.
251.—Sum. quantum cuspide cultri capi potest, Pulv. Rhei, in cochl. lactis sacch. vel in melle.
252.—Sum. æger 3j. Pulv. Cinch. ante parox- ysmum ingredient.
253.—R Hydrarg. Binox gr. xij
Conf. Rosæ q. s.
ut fiant pil. xij. Sumat æger pil. ter in die, donec
dentes vacillare incipiant.  Dosis ab initio à pil. j. ad ij. vel iij., semper
dosin augendo.
254.—R. Pulv. Cinch 3j
— Zingib gr. xx
M. Sum. æger ante tempus redeuntis paroxysmi,
ter in septimanâ, huncce pulv. pro dosi.
255.—Sum. ægra, in lecto composita, pil. Opii,
superbibendo Hordei Aq. calid.
256.—R. Gum. Ammon
256.—R. Gum. Ammon
font nil vy
fiant pil. xx.  Cap., per duas noctes, iv., et intermittat tertiam
noctem; et sic pergat donec totum sumpserit.
257.—R Antim. Sesquiox
Pulv. Ipecac. co 3ss
Misceantur, et fiat pulv. tenuiss. in vij. partes
æquales separand., quarum j. sing. horis ingeratur.

258.—Rep. pulv. hesterno die præscript. eodemque modo sumantur.

259.—R Cret. præp	
Pulv. Scammon	M. et fiat pulv. in chartul. ij. æqualiter dividend., quarum cap. j. horis octavis; et temporibus intermediis, si pulsus sit creber et fortis, bib. cochl. ij.
261.—R Hydrarg. subchlor	Pulv. Scammon
Conf. Rosæ q. s.  ut fiant pil. xij., quarum sum. j. post cœnam: mane et pomeridie sum. haust. purg.  262.—R Zinci Sulph	
Fiat pulv. emet. statim sumend. Finitâ vomitorii operatione, cap. subinde cochl. ij. mist. purg.  263.—R. Pulv. Digital	Conf. Rosæ q. s. ut fiant pil. xij., quarum sum. j. post cœnam: mane
Fiat pulv. 4tis horis sumend., ægrå interim conquiescente et caput immotum tenente.  264.—R Hydrarg. c. Cretå gr. x Pulv. Tragacanth	Fiat pulv. emet. statim sumend. Finitâ vomitorii
Fiat pulv. statim sumend., et exhibeatur sequenti luce portio purg. comm.  265.—R Pulv. Pot. Sulphat.  — Rhei  M. Fiat pulv. in pulmento vel in poc. seri lact.	Fiat pulv. 4tis horis sumend., ægrå interim con-
luce portio purg. comm.  265.—R. Pulv. Pot. Sulphat.  —— Rhei	264.—R Hydrarg. c. Cretâ gr. x Pulv. Tragacanth 9ss
M. Fiat pulv. in pulmento vel in poc. seri lact.	
	265.—R Pulv. Pot. Sulphat
	M. Fiat pulv. in pulmento vel in poc. seri lact. vinos. sumend.

266.—R Pulv. Cinch
267.—R Extr. Hyoscyam 3j Fiant pil. xij., quarum sumatur j. pro re natâ, sub lang. vel singult.
268.—R Sodæ Potassio-Tart
269.—R Pil. Aloës c. Myrrh
270.—R Hydrarg. Subm gr. iv Sacch gr. vj Pulv. Antim. Co gr. ij Conterant. Sum. vespere in Gelatinâ Ribesiorum.
271.—R Zinci Sulph
272.—R Cret. præp
273.—R Pil. Hydrarg
274.—R Pulv. Ipecac

275.—R Pulv. Calumb
M. omnia, quæ dividant. in vj. dos. æquales, per
vj. dies continuos mane sumend. tribus horis ante
pastum.
276.—R Ol. Croton gtt. xviij
Pulv. Glycyrrhizæ . q. s.
ut fiant pil. xxxvj., quarum exhibeantur ij. horâ
decubitûs, quandoque alv. nimis solida fuerit, et
decubitus, quandoque aiv. minis sonda raciti, co
augeatur seu minuatur dos. pro ratione effet.
277.—R Pulv. Opii gr. j Conf. Rosæ gr. iv
Conf. Rosæ gr. 1v
Fiat bolus vesp. si perst. diarrhœa vel adsint torm.
intestin. capiend.
278.—R. Jalan, Rad, puly
278.—R Jalap. Rad. pulv
Seorsim ij. permisce. Dosis à 3ss. ad 3vj. mane.
279.—R Extr. Gentian 3v
In pil. lx. dividend. Dosis j. vel. ij. nocte maneque
statim post cibum.
Come Countries of the C
CHAPTER VI.

FORMS FOR LINCTUSES, ETC.

280.—R. Ol. Tereb				zij Zj
Mel. despum.				<b>3</b> j
M. fiat linet.	-1		Walter P	Laureta
Dosis cochl. parv., nocte cujusvis potûs tenuoris tepe	foot	mane,	cum	naustu
				7:
281.—R Conf. Sennæ. Sum, ad nucis juglandis ma	oni	tud.		31V

282.—R Conf. Rosæ
282.—R Conf. Rosæ
Acid. Sulph. dil 3ss
Fiat electuarium, exactè invicem miscend.
283.—R Conf. Rosæ can
Ol. Amygd 3j
M. et fiat linct., in ollâ fictili mittend.
284.—R Oxymel. Scill 3iij
284.—R Oxymel. Scill
Pulv. Tragac. co
M. Fiat linct., cujus lambat æger pauxillum
subinde.
285.—R Resin. Guaiac
Conf. Rosæ
Syr. Aurant q. s.
ut fiat electuarium, de quo cap. quant. nucis mos-
chatæ majoris, bis indies.
286.—R Conf. Rosæ
286.—R Conf. Rosæ
M. et fiat linct.; cap. quant. castaneæ bis in die.
287.—R Conf. Sennæ
287.—R Conf. Sennæ
M. et fiat electuarium. Cap. quant. nucis avellan.
vel. mosch. subinde, vel ter in die paulò ante
prandium.
288.—R Pulv. Cinch
——– Serpent 3iij
Syr. simpl. q. s. ut fiat electuarium,
quod decedente paroxysm. totum capere debet
æger, ante access. feb. sequentem.
289.—R Conf. Sennæ · · · ʒj
Fiat linct. sumend. subindè lambendo. Mittatur
in narthecio.

290.—R Conf. Rosæ
Alum. Pulv 3j
M. Impon. parvul. assidud linguæ, ut solutum ibi
oblinat et sic lente deglutiatur.
291.—R Pulv. Uvæ Ursi
Syr. Aurant q. s. ut fiat electuarium, debitæ spissitud. cujus mol.
ut fiat electuarium, debitæ spissitud. cujus mol.
nucis mosch. bis in die, paulatim delingat.
292.—R Acet. Colch
Mel
M. et super leni foco, sæpius agitando cochl. lign.
coque ad mellis spissitud. Hujus oxymellis sum.
æger cochl. parvul. ter die.
293.—R Menth. vir. fol. recent
Sacch. purif
Fol. mortar. lapid. contunde, tum adjecto sacch.
iterum contunde, donec corp. sit j.
294.—R Hujus Conf
Fiat bolus, statim sumend. et 3tiis horis repetend.
urgente ægritudine ventriculi.
argente ægritaame ventrican.
viz a
CHAPTER VII.
CHAILER VII.

FORMS FOR EXTERNAL APPLICATIONS, ETC.

295.—R	Mic.	Pan.	. ha 0			lbj
	Liq.	Plumbi	Diacet.	dil.		q. s.
ut madesca	t pan	is.				

- 297.—Vespere utatur pediluv. tepido.
- 299.—Fricetur corpus, horâ decubitûs, aut lanâ vel strigile.

300.—R Pyreth. Rad. contrit.

- 301.—Suffiet æger fauces ejus cum vapore ex Acid. Sulph. 3ss. cui primum adjunctæ fuerint Chl. Sod. 3jj.

Lento igne liquefac, ut fiat ung.

- M. Fiat liniment. quocum illinantur partes denudæ bis quotidie.
- 304.—Inhaletur pulmonibus Æther. Sulph. vapor ter quotidie.
- 305.—R Dauci Rad. . . . . q. s. Coque in aq. ad aptam mollitiem, in pulp. deinde contunde.
- 306.—R Liq. Plumbi Acet. dil. Oj. Lintea quadruplicata, hocce liquore frigido madefacta, partibus inflam. applic. et sæpius renov.

307.—R Magn. Sulph
308.—Exscindatur pars morsa, et postea applicetur vulneri Pot. Fus.
309.—R Pulv. Asari  —— Veratr
310.—Inungatur hypochondrio sinistro Əj. Ung. Hydrarg. fort. 11â horâ ante meridiem et 4tâ post meridiem indies.
311.—R Lap. Calamin
312.—R Liq. Potassæ ·
313.—R Oxyd. Zinci
314.—R Cret. præp
315.—Admov. parti adfectæ spong, aquâ calidâ imbuta.

- 316.—Vesica suilla, aq. calidâ ad dimid. repleta admoveatur lateri dolenti; firmetur ligamine, tum super ponatur sacculus arenâ calidissimâ plenus, qui frigescens iterum calefiat, aut ei mox substituatur alius jam calefact. Continuentur hæc donec dolor. remis.
- 317.—Cataplasma calid. irrorat. prius tantillo Sp. Camph. applicetur cum pannis laneis parti adfect. et vesicâ suillâ oleo madefactâ detineatur; renov. quolibet trihorio.
- 318.—Admoveatur calidum cataplasma parti affect. cum panno linteo quadruplic.

M. Fiat ung. quo leniter inungatur locus adfect. ac dein tegatur emplast. plumbi, super alut. extens.

M. Super pann. lint. extende, et cuti affect. applica.

321.—Hauriatur vap. calid. ope infundib. in fauces.

M. Fiat ung. Hujus pauxillo inungatur locus umbilici subinde; aut magnit. dimid. juglandis nucis, putamine decerpto, eidem loco adponatur.

M. In languore aut paroxysmo hysterico illinatur naribus, temporibus etc. hujus linim paululum.

324.—R Hydrarg. Chlor gr. x
Acid. Hydrochl 3ss
Aq. Rosæ
M. Tantillo ĥujus liq. lavent. mane et vespere
partes infest.
325.—R Pulp, Coloc
325.—R Pulp. Coloc
M. et coque leni igne donec pulpa torqueri videatur;
dein massam adhuc calent. cola, et cum ea illinatur
abdom. et præcipuè umbil. regio.
326.—R Zinci Oxyd
M. Fiat collyrium, quo concusso imbutum lint.
quadruplicat. imponatur oculo adfecto.
327.—R Ung. Hydrarg. Nitrat
M. Hujus tantillo illinantur palpebræ omni ves-
pere, cubitum ituro ope plumæ mollis.
328.—R Tinct. Canthar
M. Figt linim. Sapon
M. Fiat linim. quo partes adfectæ perfricandæ
sunt, et postea tegantur lanulâ.
329.—R Camph
Ol. Amygd
M. et instilla gutt. iv. auri p. r. n.
330.—R Extr. Opii gr. x Tinct. Castor
Tinct. Castor
M. et applicetur paululum auri affectæ omni
nocte cum gossipio.
331R Linim, Sapon
331.—R Linim. Sapon
M. Fiat linim. cum panno laneo faucibus extern.
applicand.
11

	Camph	
st	Sol. Alum. co	vj nguis
	334.—R Flor. Samb	
F	335.—R Decoct. Hord	
p	1336.—R Tinct. Lyttæ  Liq. Ammon.  Linim. Sapon.  Tiat linim. quo guttur et postera pars rfricanda sunt, donec vesicæ appareant, sist. per diem et applica Ung. Cetacei.	colli
q	337.—R Farin. Lini	enov.

338.—Admov. lintea aq. frigidâ madefact. vel, si fieri possit, glacies raso capiti.

339.—R Mic. Panis	
340.—R Calamin. Pulv	,
341.—R Pulv. Opii gr. v Saponis	1
342.—Foveant. gingiv. Aq. calidâ.  343.—R Inf. Rosæ	
344.—R Ol. Olivæ	1.
345.—R Magn. Sulph	t.
346.—R Ung. Hydrarg. Nitr	.,

347.—R Alum
348.—Admoveatur Extr. Belladon. supercilio et regioni supraorbit. vespere.
349.—R Hydrarg. subchlor gr. ij Sacc. alb
350.—R Rad. Dauci
351.—Vespere appropinq., si opus sit, injiciatur clysma heri præscript.
- 352.—Fiat setaceum ad med. brach.
353.—Foveantur artus cum decoct. Anthem.
354.—R Conii Fol
355.—R Tinct. Opii
First lining sum sum hone fricentur tempore et

Fiat linim. cum quo benè fricentur tempora et detons. caput.

356.—Inhalet sing. noct. in lecto vaporem Aq.

calid. cui tempore usûs adde cochl. ij. min. Æther. rect.

357.—Explor. vesica urinar. ope catheteris, et extrahatur urina.

358.—Colluantur os et gingiv. bis terve in die cum Tinct. Myrrh. gtt. xx. in aq. tepid. cyatho.

Fiat pulv. pro fumigatione faucibus intern. omni nocte more solito adhibend.

360.—Fiat font. crure infra vel supra genu.

361.—Instituat. paracentesis abdom. et educ. aq.

362.—Affricetur parti affect. sing. noct. Ung. Hydrarg. fort. magnit. fabæ equinæ, deinde applicetur cataplasma ex Liq. Plumbi Acet. dil., Micâ Panis et Farinâ Lini.

Fiat mist. et cum hâc illinantur part. affect. sing. noct. horâ somni prius deters.; vel linteum in eâdem madefiat et per totam noctem gestetur.

364.—Utatur balneo, ad grad. nonagesim. calefacto, bis in septim.

M. Fiant guttæ acoust. bis die applicand.

366.—Utatur æger equit. subinde, si fieri possit.

367.—Mittatur fist. arm.

M. Fiat inject. quæ ex syph. eburn. in urethram injiciatur mane et nocte.

369.—R	Liq. Ammon. Acet.	SI.	3j
	Amm. Hydrochl		3ij
	Aq		Toj

Fiat lotio, nocte cubitum ituro tumoribus applicand. Mitte fbij. cum directione propriâ.

370.—Fiat fonticulus purul. ad med. brachium, ope Pot. fus.

371.--Cautè tangantur clavi Acid. Sulph. ope penicilli, dein tegantur Emplast. Plumbi.

372.—R Ung. Cetacei . . . . 3j 

gente ani prurigine.

Tinct. Canth. . . . 3ss

M. Fiat linim. quocum fricetur pars affecta ter quatervè indies.

Sodæ Sulph.

Solve et fiat enema statim injiciend. contra insult. apoplect. vel affectus soporosos adhibend.

375.—Mitte Emplast. Galb. super alutam inducend.

376.—Adhib. lav. frigid. vel tepid. prout ægro gratius erit.

377.—Capilli radant, et caput postea panniculo lotione frigidâ imbut. circumdet.

379.—R Dec. Mal. comp.

(c. Fœnic. Semin. cont. Ziij.) Zxiv

Ft. enem. statim tepide injiciend. Jan. vj°.

# PART III.

# UNABBREVIATED PRESCRIPTIONS, WITH LITERAL TRANSLATIONS;

FORMING

### A KEY TO PART II.

# CHAPTER I.

#### FORMS FOR BLOOD-LETTING.

1.—Detrahatur è brachio sanguis ad uncias decem statim. Let blood be immediately drawn from the arm to ten ounces.

2.—Fiat venæsectio, ut fluant sanguinis unciæ quinque. Let venesection be performed, that five ounces of blood may flow.

3.—Opus est venam cubiti secare, ut sanguis fluat ad uncias decem. It is necessary to cut a vein of the arm, that blood may flow to ten ounces.

4.—Ad recidivum præcavendum, detrahatur sanguis pro re nata. To prevent a relapse, let blood be occasionally drawn.

5.—Extrahatur sanguis pleno rivo, ad uncias sex, quamprimum. Let blood be taken away as soon as possible, in a full stream, to six ounces.

6.—Emitte sanguinis uncias sexdecim saltem, vel ad deliquium. Take away at least sixteen ounces of blood, or to fainting.

- 7.—Dimove sanguinem, per saltum, ad uncias decem vel ultra. Remove blood by leaps, to ten ounces or more.
- 8.—Detrahantur ex arteriâ temporali sanguinis unciæ sex, quamprimum. Let six ounces of blood be drawn as soon as possible from the temporal artery.
- 9.—Mittatur sanguis illicò ex largo vulnere ad uncias decem, vel donec æger palescat vel languescat. Let blood be immediately taken from a large wound (i. e. orifice) to ten ounces, or until the patient becomes pale or faint.
- 10.—Repetatur sanguinis detractio, et localis et generalis. Let the blood-letting, both local and general, be repeated.
- 11.—Iterum fiat venæsectio ad defectionem animi.
  Let venesection be again performed to fainting.
- 12.—Sanguis eodem modo, quo ante, iterum mittendus est, verò ad uncias sexdenas. Blood is to be again drawn, in the same manner as before, but to sixteen ounces.
- 13.—Pertundatur vena brachii, et detrahatur sanguis ad uncias viginti, vel usque ut liquerit animus. Let a vein of the arm be opened [literally, bored or beat through], and blood be drawn to twenty ounces, or to fainting.
- 14.—Repetatur venæsectio ad tres alias vices ad eandem quantitatem, tribus diebus sequentibus quando dolor et respirandi difficultas suadeant. Let venesection be repeated to the same quantity, three other times, on the three following days, when the pain and difficulty of breathing require it.

- 15.—Die sequenti celebretur iterum venæsectio ad eandem quâ antea quantitatem. On the following day let venesection be again performed, to the same quantity as before.
- 16.—Mittatur sanguis è brachio ad uncias duodecim quamprimum, ac postea ex venâ jugulari ad uncias octo. Let blood be taken from the arm to twelve ounces as soon as possible, and afterwards from the jugular vein to eight ounces.
- 17.—Sanguis denuò mittendus est ad uncias decem tantum. Blood is to be again taken to ten ounces only.
- 18.—Mittatur sanguis de novo, et repetatur ad animi ferè deliquium. Let blood be again taken away, and (theoperation) repeated almost to fainting.
- 19.—Extrahatur sanguis è brachio; et eodem die post aliquot horas, vel die sequenti duabus horis post leve prandium, capiat pulverem emeticum. Let blood be drawn from the arm; and on the same day, after [i. e. at the expiration of] a few hours, or on the following day, two hours after a light dinner, let the patient take an emetic powder.
- 20.—Si primæ venæsectioni non cedat morbus, tum repetatur; et nondum cessante, ad duas alias vices celebretur, interposito semper die uno. If the disease should not yield to the first blood-letting, then let it be repeated; and not giving way, [i. e. if the disease do not then yield], let it [the blood-letting] be again performed twice, one day always intervening [i.e. between the blood-letting].
- 21.—Necnon admoveantur cucurbitulæ cum ferro nuchæ capitis; mittatur sanguis ad uncias duodecim. Also let the cupping-glasses, with the scari-

ficator, be applied to the nape of the neck, and let blood be taken away to ten ounces.

- 22.—Statim abradatur capillitium, et applicentur cucurbitulæ cruentæ nuchæ. Let the hair [of the head] be immediately shaved off, and the bloody cupping-glasses [i. e. the cupping-glasses with the scarificator] be applied to the nape of the neck.
- 23.—Accommodentur cucurbitulæ cum ferro sub aurem lateris affecti, et mittatur sanguis ad uncias quatuor. Let the cupping-glasses with the scarificator be applied under the ear of the affected side, and let the blood be drawn to four ounces.
- 24.—Admoveantur cucurbitulæ cum scarificatione parti thoracis dolenti pro re natâ, et exsugatur sanguis ad uncias octo. Let the cupping-glasses with the scarificator be occasionally applied to the painful part of the chest, and blood be drawn to eight ounces.
- 25.—Semel in septimana, applicentur temporibus utrinque hirudines tres. Once a week let three leeches be applied to both temples.
- 26.—Hirudines viginti quatuor statim lumbis admoveantur et quando remotæ sunt, cataplasma emolliens applicetur. Let twenty-four leeches be immediately applied to the loins, and when they are removed, let an emollient poultice be applied.
- 27.—Admoveantur hirudines tres singulis temporibus, si adsit dolor capitis. Let three leeches be applied to each temple, if there be pain of the head.
- 28.—Applicantur jugulo hirudines quator, et post fluxum sanguinis applicatur emplastrum lyttæ. Let four leeches be applied to the fore part of the neck, and after the flux of blood [i.e. when the bleeding has ceased] let a blister be applied.

- 29.—Detrahantur ex ischio affecto, et partibus adjacentibus, ope cucurbitularum cum scarificatione, sanguinis unciæ sex. Let six ounces of blood be drawn from the affected ischium and adjacent parts by means of the cupping-glasses with scarification.
- 30.—Applicantur adversum renes hirudines duodecim vel cucurbitulæ cruentæ, ut extrahantur sanguinis unciæ duodecim. Let twelve leeches, or the bloody cupping-glasses [i.e. the cupping-glasses with the scarificator], be applied opposite the kidneys, that twelve ounces of blood may be extracted.
- 31.—Convulsione redeunte, haud aliter, detrahatur sanguis per cucurbitulas tres. If the convulsion should return, not otherwise, let blood be drawn by three cupping-glasses.
- 32.—Si dolor perstiterit ad latus, mittantur sanguinis unciæ viginti è brachio. If the pain should continue at the side, let twenty ounces of blood be taken from the arm.
- 33.—Sanguisugæ tres fronti imponantur. Let three leeches be applied to the forehead.
- 34.—Admoveatur cucurbitula sicca regioni hepatis. Let a dry cupping-glass [i.e. the cupping-glass without the scarificator] be applied to the region of the liver.

## CHAPTER II.

#### FORMS FOR BLISTERS, ETC.

- 35.—Adhibe emplastrum cantharidis tumori in alâ dextrâ, per spatium duodecim horarum, vel donec in vesicam manifestò epidermis elata sit. Apply a plaster of cantharides to the tumor in the right arm-pit, for the space of twelve hours, or until the cuticle is manifestly raised into a blister.
- 36.—Applicatur abdomini emplastrum lyttæ super alutam satis latam extensum. Let a plaster of cantharides, spread on leather sufficiently large, be applied to the belly.
- 37.—Admoveatur parti thoracis superiori emplastrum lyttæ, et post vesicationem applicetur ceratum sabinæ, ut ulcus perpetuum fiat. Fluxu cessante utatur sequenti:—

Recipe, Cerati Sabinæ,

Unguenti Lyttæ, partes æquales.
Let a plaster of cantharides be applied to the upper
part of the chest; and after vesication, let savin
cerate be applied, that a permanent ulcer may be
produced. The discharge ceasing [i.e. when the
discharge ceases], let the patient use the following.

- 38.—Admoveatur tela vesicatoria (ad exemplar) externæ parti gutturis. Let a blistering cloth (according to pattern) be applied to the external part of the throat.
- 39.—Admoveatur capiti raso unguentum cantharidis, usque ad vesicationem. Let the ointment of cantharides be applied to the shaven head, until vesication (is produced).

- 40.—Admoveatur prope cartilaginem thyroideam utrinque, emplastrum lyttæ. Let a plaster of cantharides be applied on each side near the thyroid cartilage.
- 41.—Abradatur capillitium et admoveatur toti capiti sericum vesicans. Let the hair (of the head) be shaved off, and a blistering taffeta applied to the whole head.
- 42.—Applicatur prope articulum femoris superiorem emplastrum lyttæ, super quod drachma pulveris lyttæ inspergenda est. Let a plaster of cantharides, upon which a drachm of the powder of cantharides has been sprinkled, be applied near the upper joint of the thigh.
- 43.—Si valde urgeant dyspnœa, applicetur emplastrum lyttæ, et fiat ulcus perpetuum ope unguenti sabinæ. If the difficulty of breathing be very troublesome, let a plaster of cantharides be applied, and let a permanent ulcer be produced by means of savin ointment.
  - 44.—Recipe, Emplastri Galbani compositi, unciam dimidiam.
- Misce. Fiat emplastrum super alutam extendendum, quo pedes involvantur post pediluvium. Mix. Let a plaster be made to be spread upon leather, in which [i. e. in the plaster] the feet are to be wrapped after the use of the foot-bath.
- 45.—Imponatur nuchæ capitis, vel suris externis, emplastrum lyttæ. Let a plaster of cantharides be applied to the nape of the neck, or to the external [i. e. the superficial] part of the calves (of the legs).
  - 46.—Emplastrum lyttæ collo imponatur quâ

dolet. Let a plaster of cantharides be applied to the neck, where it is in pain [i.e. the painful part of the neck].

- 47.—Admoveatur pannus vesicatorius lateri sinistro. Let a blistering cloth be applied to the left side.
- 48.—Adhibeatur emplastrum epispasticum, satis amplum et acre, inter scapulas. Let a blistering plaster, sufficiently large and acrid, be applied between the shoulders.
  - 49.—Recipe, Lyttarum in pulverem tenuissimum tritarum, drachmam Camphoræ Pulveris, drachmam Ceræ flavæ

Sevi præparati, ana, drachmam Adipis præparati, scrupulos duos

Cerâ, sevo et adipe simul liquefactis, paulo antequam concrescant Lyttas et Camphoram insperge, atque omnia misce ut fiat emplastrum epispasticum regioni jecoris applicandum. The wax, suet, and lard being melted together, sprinkle the cantharides and camphor upon them a short time before they concrete, and mix them altogether, that a blistering plaster may be made, to be applied to the region of the liver.

- 50.—Admoveatur charta vesicatoria occipiti. Curetur pars exulcerata unguento sabinæ. Let a blistering paper be applied to the occiput. Let the blistered part be dressed with savin ointment.
- 51.—Nata humoris detractio ab emplastro lyttæ, si res postulaverit, promoveatur. If it should be required, let the discharge of fluid, produced by the plaster of cantharides, be promoted.

- 52.—Emplastra duo vesicatoria brachiis internis infra cubitos quamprimum imponantur. Let two blisters be immediately applied to the inner part of the arms below the elbows.
- 53.—Admoveatur taffeta vesicatoria genu, et fluxus postea eliciatur ope unguenti sabinæ. Let a blistering taffeta be applied to the knee, and afterwards let a discharge be excited by means of savin ointment.
- 54.—Ceratum lyttæ partibus excoriatis imponatur, ut natus humor ab emplastro lyttæ promoveatur. Let the cerate of cantharides be applied to the excoriated part, that the fluid produced by the blister may be promoted.

55.—Recipe, Pulveris Euphorbii, scrupulum dimidium

Cerati Sabinæ, unciam

Emplastri Thuris, unciam dimidiam

Simul bene contritis sit emplastrum scuto pectoris.

Having well incorporated them, let a plaster be made

for the defence of the breast.

56.—Fiat fonticulus ex parte vesicatorii ope unguenti sabinæ. Let an issue [i. e. discharge] be made from the place of the blister [i. e. from the blistered part] by means of savin ointment.

57.—Recipe, Ammoniæ Hydrochloratis, drach-

mam Saponis duri, drachmas duas.

Emplastri Plumbi, unciam dimi-

Emplastrum et saponem simul liqua, et paulo antequam concrescant immisce salem in pulverem tenuem tritum. Extensum super alutam, parti

affectæ quamprimum applicetur, et pro re natâ repetatur. Melt the plaster and soap together, and a little while before they harden, admix the salt rubbed into a fine powder. Let it [i. e. the mixture] be spread on leather, and immediately applied to the part affected, and repeated occasionally.

- 58.—Caput tonderi debet et emplastro vesicatorio circumcirca tegi. The head ought to be shaved, and covered round about with a blistering plaster.
- , 59.—Applicatur regioni singulorum renum emplastrum lyttæ parvum (magnitudinis nummi semicoronæ). Let a small plaster of cantharides (of the size of a half crown piece) be applied to the region of each of the kidneys.

## CHAPTER III.

FORMS FOR MIXTURES, ETC.

60.—Recipe, Vini Aloës, drachmas duas Infusi Sennæ, unciam cum semisse Magnesiæ Sulphatis, drachmas quatuor

Misce. Hujus capiat unciam horâ septimâ matutinâ; et circiter horam decimam, partem reliquam sumat, si opus fuerit. Mix. Of this let the patient take an ounce at seven o'clock in the morning, and the remainder at ten o'clock, if there be occasion.

61.—Recipe, Liquoris Ammoniæ Acetatis, drachmas tres cum semisse Vini Antimoniale drachmas duas Tincturæ Cardamomi compositæ, drachmas duas

Aquæ Menthæ piperitæ, uncias

quatuor

Fiat mistura, cujus unciæ duæ omni horæ quadrante calidè sorbeantur, durante frigore. Let a mixture be made, of which let two ounces be taken warm every quarter of an hour during the chilliness.

62.—Recipe, Tincturæ Valerianæ, uncias duas Detur fluidrachma una subinde, è cochleare magno, Infusi Radicis Valerianæ sylvestris, sub formâ theæ parati. Let a fluidrachm be given now and then in a tablespoonful of the infusion of the wild valerian, prepared in the form of tea.

63.—Recipe, Misturæ Amygdalæ, uncias quatuor Syrupi Scillæ, drachmas tres

Tincturæ Opii, guttas quadraginta

quod unciatim sumatur, tussi admodum ingravescente. Let this be taken, ounce by ounce [i. e. in ounce doses], when the cough is very troublesome.

64.—Recipe, Infusi Gentianæ compositi, uncias

Magnesiæ Sulphatis, unciam Capiat cochlearia tria magna post jentaculum et post prandium quotidie. Let the patient take daily three tablespoonfuls after breakfast and dinner.

65.—Recipe, Liquoris Ammoniæ Acetatis, drachmas duas

Aquæ Menthæ viridis, uncias tres cum semisse

Syrupi Croci, drachmas duas Spiritûs Ætheris Nitrosi, drachmas duas

Misce. Cochlearia duo magna secundis horis sumantur, durante febre, sæpius vel rarius pro impetûs ratione: et absente febre Pulv. Cinchon. ut ante. Mix. Let two tablespoonfuls be taken every two hours during the fever, more or less frequently, according to the violence of the fit [i.e. the ague fit]; and, when the fever is absent, [let] the powder of cinchona [be taken] as before.

66.—Recipe, Foliorum Rosæ, unciam

Aquæ ferventis, uncias octo Stent per horam; colaturæ adde Succi Limonum, Sacchari albi, ana, quantum sufficit, ad gratam acerbitatem dulcedinemque. Let them stand during an hour; to the strained [liquer] add a sufficient quantity of lemon juice and white sugar to give an agreeable acidity and sweetness.

67.—Recipe, Antimonii Potassio-Tartratis, grana

Aquæ puræ, drachmas quatuor Syrupi Rhœados, drachmam

Misce. Capiat cochleare minimum subinde, ad nauseam vel vomitum promovendum. Mix. Let the patient take a small [i. e. tea] spoonful from time to time, to promote nausea or vomiting.

68.—Recipe, Sodæ Subcarbonatis, drachmas duas cum semisse Crystallorum Tartari, drachmas tres

Aquæ puræ, uncias octo Stent in lagena bene obturata, per triduum, et deinde sit in promptu pro potu cathartico. Let them stand in a bottle well stoppered for three days, and then be in readiness for a cathartic drink.

69.—Recipe, Sodæ Bicarbonatis, drachmas duas Ferri Sulphatis, grana tria Magnesiæ Subcarbonatis, drachmam

> Aquæ puræ, octarium dimidium Acidi Sulphurici diluti, fluidrachmas decem

Infundatur primum lagenæ aqua, dein immittantur Salina et denique Acidum Sulphuricum; illico obturetur lagena, et in loco frigido servetur. First let the water be poured into the bottle, then let the salts be put in, and lastly, the sulphuric acid; let the bottle be immediately stoppered, and kept in a cool place.

70.—Recipe, Decocti Lichenis, octarium Sumat æger poculum omni bihorio. Let the patient take a cupful every two hours.

71.—Recipe, Magnesiæ Carbonatis, drachmam Aquæ Menthæ sativæ, uncias sex Tincturæ Opii, drachmam

Misce. Sumat cochlearia duo dum flatus infestat. Mix. Let the patient take two spoonfuls when flatulence is troublesome.

72.—Capiat cochlearia duo ampla Aquæ Menthæ piperitæ, omni horâ, donec singultus et nisus ad vomitum cessaverint. Let the patient take two tablespoonfuls of peppermint water every hour, until the hiccup and attempts to vomit shall have ceased.

73.—Recipe, Tincturæ Digitalis, drachmas tres Acidi Hydrocyanici, guttas viginti Misce. Hujus capiat guttas viginti ter die, ex cyatho aquæ frigidæ, dosin sensim augendo, prout caput aut ventriculus ferre queat. Let the patient take twenty drops of this mixture three times a day in a glass of cold water, the dose to be gradually increased according as the head or the stomach can bear it.

74.—Recipe, Magnesiæ Carbonatis, drachmam Pulveris Rhei, grana quindecim

Aquæ Anethi, unciam cum semisse Misce. Fiat julepum, cujus unum cochleare minimum infantulo lactenti detur secundis horis, phialâ agitatâ. Mix. Let a julep be made, of which let one teaspoonful be given to the sucking infant every two hours, the bottle being shaken.

75.—Recipe, Misturæ Ammoniaci, uncias sex Tincturæ Opii, drachmam

Misce. Capiat cochlearia duo magna statim; iterentur post horam si tussis accreverit. Let the patient take two tablespoonfuls immediately; let them be repeated in an hour if the cough should increase.

76.—Recipe, Decocti Hordei, uncias decem Olei Olivæ, uncias duas Mucilaginis Acaciæ, unciam

Tere oleum cum mucilagine donec probè coiverent, tum sensim adde decoctum, ut fiat enema. Interdum addere liceat Magnesiæ Sulphatis unciam. Rub the oil with the mucilage until they are well combined, then gradually add the decoction, that an enema may be made. Sometimes we may add an ounce of sulphate of magnesia.

77.—Recipe, Spiritûs Ammoniæ Aromatici, drachmam Tincturæ Assafætidæ, unciam dimidiam Syrupi Croci, unciam dimidiam Aquæ Cinnamomi, unciam Misce. Exhibe cochleare parvum ter quaterve de die, vel sæpius, urgente convulsione vel spasmo. Mix. Give a teaspoonful three or four times a day, or oftener, if the convulsion or spasm should be troublesome.

78.—Recipe, Infusi Krameriæ, uncias sex Tincturæ Opii, drachmam

Fiat mistura, cujus sumantur cochlearia tria magna post singulus dejectiones liquidas. Let a mixture be made, of which let three tablespoonfuls be taken after every liquid evacuation.

79.—Recipe, Sodæ Sulphatis, unciam cum semisse

Sodæ Phosphatis, unciam

Syrupi Rhamni, drachmas quatuor Aquæ Menthæ piperitæ, uncias sex

Misce. Sumat unciam statim, et repetatur dosis post horas duas nisi alvus prius responderit. Mix. Let the patient take two tablespoonfuls immediately, and let the dose be repeated in two hours, unless the bowel be previously relieved.

80.—Recipe, Tincturæ Hyoscyami, drachmam cum semisse

Potassæ Acetatis, drachmas quatuor

Syrupi Croci, drachmas duas Aquæ Anisi, uncias sex

Fiat mistura, cujus sumantur cochlearia duo vel tria minima bis terve in die, vel ut opus sit. Let a mixture be made, of which let two or three teaspoonfuls be taken twice or thrice a day, or as there may be occasion.

Ipecacuanhæ Radicis Pulveris, 81.—Recipe, drachmam cum semisse Potassæ Bitartratis, drachmam Aquæ ferventis, fluiduncias tres cum semisse

Macera per horam integram, dein cola et adjice Syrupi, fluidunciam dimidiam

Misce. Detur semiuncia vel cochleare amplum omni semihorâ, donec vomitum proritaverit. Macerate during an hour, then strain, and add half an ounce of syrup. Mix. Let half an ounce, or a tablespoonful, be given every half hour, until it shall have produced vomiting.

82.—Recipe, Tincturæ Opii, drachmam Misturæ Cretæ, uncias sex

Misce. Capiat cochlearia duo magna omni quadrante horæ donec leniatur dolor. Mix. Let the patient take two tablespoonfuls every quarter of an hour until the pain is alleviated.

83.—Recipe, Decocti Aloës compositi, uncias quatuor

> Sodæ Sulphatis, unciam cum semisse

Misce. Cochlearia duo ampla intermissionis tempore sumantur, ita ut purgatio ex toto cessaverit ante accessum paroxysmi. Mix. Let two tablespoonfuls be taken in the time of intermission, so that the purgation shall have ceased before the accession of the paroxysm.

84.—Recipe, Sodæ Potassio-Tartratis, uncias duas

Aquæ Menthæ sativæ, uncias octo Misce. Capiat cochlearia duo ampla omni bihorio, ad sedes promovendas. Mix. Let the patient take two tablespoonfuls every two hours to promote stools. 85.—Recipe, Plumbi Acetatis, grana quatuor Aquæ destillatæ, uncias quatuor Syrupi Papaveris, drachmas tres

Misce. Capiat cochleare amplum mane quotidie; repetatur dosis ad tres vices, et deinde capiat æger haustum aliquem purgantem. Mix. Let the patient take one tablespoonful daily in the morning; let the dose be repeated three other times, and then let the patient take some purging draught.

86.--Recipe, Magnesiæ Sulphatis, unciam et semissem

Acidi Sulphurici diluti, drachmam cum semisse

Aquæ Menthæ piperitæ, uncias sex

Syrupi Rhœados, drachmas duas

Misce. Hujus misturæ sumantur cochlearia quatuor omnibus tribus horis, donec venter rite solutus Mix. Of this mixture let two tablespoonfuls fuerit. be taken every three hours, until the belly shall have been thoroughly opened.

87.—Recipe, Infusi Sennæ, unciam

Magnesiæ Sulphatis, semiunciam

Misce. Capiat quarta quaque die. Mix. Let the patient take (it) every fourth day. Recipe, Tincturæ Valerianæ drachmas duas

Spiritûs Ammoniæ fætidi, drachmas duas

Aquæ puræ, uncias duas

Capiat cochlearia magna duo in languoribus, præcipue diebus purgatione deditis. Mix. Let the patient take two tablespoonfuls in languors, especially on the days appropriated to the purgation. 88.—Recipe, Misturæ Amygdalæ, uncias sex Tincturæ Opii, semidiachmam

Misce. Capiat cochlearia magna duo quarta quaque hora, si tussis increbuerit. Mix. Let the patient take two tablespoonfuls every fourth hour if the cough should occur frequently.

89.—Recipe, Antimonii Tartarati grana tria Infusi Sennæ, uncias tres

Aquæ Pimentæ, uncias quatuor Misce. Repetantur cochlearia duo ampla omni semihorâ, donec supervenerit vomitus vel alvus dejecerit. Mix. Let two tablespoonfuls be repeated every half hour until vomiting comes on, or until the bowel shall have acted.

90.—Recipe, Tincturæ Jalapæ, drachmas quatuor

Potassæ Sulphatis, unciam dimidiam

Aquæ Menthæ, uncias sex Misce. Sumat cochlearia majora duo omni quadrante horæ, donec alvus copiosè responderit. Mix. Let the patient take two tablespoonfuls every quarter of an hour, until the bowel shall have acted sufficiently.

91.—Recipe, Cetrariæ Islandica, unciam Aquæ frigidæ, octarium

Coque ad uncias duodenas; stet ut geletur, et utatur æger gelatina ad libitum. Boil to twelve ounces: let it stand that it may congeal, and let the patient use the jelly at pleasure.

92.—Recipe, Lactis Vaccini, octarium Sinapis Seminum contusorum, unciam

Coquantur simul, donec pars casearia in coagulum

abierit, deinde coletur serum, et hujus sumatur cyathus subinde. Let them be boiled together, until the caseous part [caseum or curd] be changed into a coagulum [i. e. be coagulated]; then let the whey be strained, and a wineglassful of it be taken now and then.

93.—Recipe, Liquoris Ammoniæ Acetatis, drachmas quatuor Tincturæ Opii, drachmam dimidiam

Aquæ Menthæ sativæ, uncias sex Misce. Capiat cochlearia duo, invadente paroxysmo caloris, in febribus intermittentibus. Let the patient take two tablespoonfuls during the paroxysm of heat (i. e. the hot stage) in intermittent fevers.

94.—Recipe, Infusi Sennæ, fluiduncias sex Sumat primò, omni quadrante horæ, cochleare; dein assumptionis vices protrahantur ad horam, et ultra pro successu. Let the patient take, at first, one spoonful every quarter of an hour; then let the time of taking be protracted to an hour, and afterwards according to the effect.

95.—Recipe, Decocti Aloës compositi, fluiduncias

Capiat æger cochlearia tria ampla pro re natâ; postea augendo minuendove quantitatem prout sedes pauciores pluresve promoverit. Let the patient take three tablespoonfuls occasionally; afterwards increasing or diminishing the quantity, according as it may have excited fewer or more stools.

96.—Recipe, Cretæ præparatæ, drachmam Tincturæ Opii, drachmam dimidiam Aquæ Cinnamomi, uncias sex Misce, et agitando phialam, dentur cochlearia duo

secundâ quâque horâ, serius vel citius ut res postulet, dum vexant ventriculi tormina vel vomitus. Mix, and, shaking the phial, let two tablespoonfuls be given every second hour, later or sooner, as circumstances may require, as long as the gripings or vomitings trouble.

97.—Recipe, Vini Ipecacuanhæ, fluidunciam Fiat haustus statim sumendus. Let a draught be made, to be taken immediately.

Recipe, Misturæ Amygdalæ, fluiduncias sex Tincturæ Opii fluiddrachmam

Misce. Capiat cochlearia duo ampla sub finem vomitionis. Let the patient take two tablespoonfuls towards the end of the vomiting.

98.—Recipe, Tincturæ Rhei, unciam - Gentianæ, semiunciam Aquæ Pimentæ, uncias quatuor

Syrupi Croci, unciam

Fiat mistura, cujus sumat æger cochlearia duo, urgente ventriculi dolore, flatu, nauseâ vel languore. Let a mixture be made, of which let the patient take two tablespoonfuls, the pain of the stomach, flatulence, nausea, or languor, being troublesome.

99.—Recipe, Tincturæ Opii, drachmam dimidiam - Cardamomi, unciam dimidiam

> Syrupi Croci, drachmas quatuor Aquæ Cinnamomi, uncias sex

Misce. Capiat cochlearia duo maxima post singulas vomitiones vel sedes liquidas. Mix. Let the patient take two tablespoonfuls after each vomiting or liquid stool.

100.—Recipe, Decocti Cinchonæ, uncias sex Acidi Sulphurici diluti, drachmam unam

> Syrupi Aurantiorum, unciam dimidiam

Misce. Hujus misturæ, cochlearia quatuor, horis duabus interpositis, sumantur, ad sudationes diminuendas. Mix. Of this mixture, let four tablespoonfuls be taken every two hours, to diminish sweating.

101.—Recipe, Tincturæ Opii, drachmam dimi-

mam

diam Confectionis aromaticæ, drach-

Aquæ Menthæ piperitæ uncias

Fiat mistura, cujus sumantur cochlearia tria magna post unamquamque sedem mollem, phialâ priùs concusâ. Let a mixture be made, of which let three tablespoonfuls be taken after every liquid evacuation, the phial being first shaken.

102.—Recipe, Spiritûs Ammoniæ aromatici, drachmam

Tincturæ Castorei, drachmas tres Spiritûs Lavandulæ, drachmas duas

Aquæ Pimentæ, unciam

Fiat mistura, cujus drachmæ duæ, pro re natâ, ingerantur, contra languorem et deliquium. Let a mixture be made, of which let two drachms (i. e. two teaspoonfuls) be taken occasionally, against languor and fainting.

103.—Recipe, Infusi Sennæ, fluiduncias sex Tincturæ Jalapæ, fluiddrachmas Misce. Sumantur cochlearia tria ampla, singulis horis, ad plenam alvi solutionem. Let three table-spoonfuls be taken every hour, to produce copious evacuation of the bowel.

104.—Perstet in usu misturæ catharticæ, donec alvus ter quaterve plenè responderit. Let the patient continue in the use of the cathartic mixture, until the bowel shall have acted freely three or four times.

105.—Recipe, Misturæ Ammoniaci, uncias sex Capiatæger cochleare magnum bis in die, ex poculo jusculi bovini, contra raucedinem. Let the patient take a tablespoonful twice a day, in a cup of beef tea, against hoarseness.

106.—Recipe, Tincturæ Scillæ, drachmam Mucilaginis Acaciæ, unciam Tincturæ Opii, drachmam

Misce. Fiat mistura, de quâ subindè capiat drachmam unam guttatim, ad gulam emolliendam et expuitionem promovendam. Mix. Let a mixture be made, of which let the patient take one drachm (i. e. a teaspoonful) by drops, to soften (relax, or lubricate) the throat, and to promote expectoration.

107.—Recipe, Ammoniæ Sesquicarbonatis, drachmam

Tincturæ Cardamomi, unciam Syrupi Rhœados, drachmas duas

Aquæ Menthæ piperitæ, uncias quatuor

Fiat mistura, de quâ capiat cochleare unum largum si pustulæ evanescant. Let a mixture be made, of which let the patient take one tablespoonful if the pustules disappear.

108.—Recipe, Liquoris Ammoniæ Acetatis, un-

Vini Antimonii Potassio-Tartratis, drachmam

Aquæ Menthæ sativæ, uncias quatuor

Syrupi Croci, drachmam

Fiat mistura, de quâ cochleare largum unum secundis vel tertiis horis exhibeatur, sæpiùs rariusve prout febris vehementior vel mitior fuerit. Let a mixture be made, of which let one tablespoonful be taken every second or third hour; more frequently or rarely, according as the fever may have been more or less violent.

109.—Recipe, Tincturæ Assafætidæ, drachmas duas

Ammoniæ Carbonatis, drachmam

Aquæ Pulegii uncias quatuor

Fiat mistura, de quâ capiat cochleare unum vel cochlearia duo in languoribus, vel sudoribus frigidis, vel frigoris paroxysmis. Let a mixture be made, of which let the patient take one or two tablespoonfuls in languors, or in cold sweats, or in paroxysms of cold (as the cold stage of intermittents).

110.—Recipe, Potassæ Bitartratis, unciam Olei Limonis, guttas quindecim Sacchari purificati, uncias duas Aquæ bullientis, octarios duos

Misce. Usurpetur pro potu communi ubi æger intensâ siti vexatur. Mix. Let it be used for a common drink when the patient is troubled with intense thirst.

111.—Recipe, Pulveris Jalapæ, drachmam Pulveris Zingiberis, grana viginti

Magnesiæ Sulphatis, unciam

Aquæ puræ, uncias sex

Misce. Cochleare unum singulis horis exhibeatur, quâque vice phialam agitando, ut permisceatur pulvis. Mix. Let one tablespoonful be given every hour, the bottle being shaken each time, that the powder may be thoroughly mixed [with the liquid].

112.—Recipe, Corticis Cinchonæ, sesquiunciam Magnesiæ Sulphatis, uncias duas

Aquæ puræ, octarios duos

Coque per sextam partem horæ in vase leviter clauso, et liquorem adhuc calentem cola: sub finem adde Syrupi Absinthii uncias duas. Tertià vel quartà quaque hora cyathus unus exhibeatur, intermissionis tempore. Boil, for the sixth part of an hour, in a lightly covered vessel, and strain the liquor while hot: towards the end of the boiling add two ounces of syrup of wormwood. Let one cupful be given every third or fourth hour, at the time of the intermission.

113.—Recipe, Infusi Chirettæ, uncias sex

Magnesiæ Sulphatis, uncias duas Misce. Usurpetur ad uncias duas bis vel ter in die, longè à pastu et maximè jejuno ventriculo. Mix. Let it be used to (the extent of) four table-spoonfuls twice or three times a day, long before taking food, and especially when the stomach is empty.

114.—Recipe, Decocti Hordei, octarium dimidium Nitri purificati, drachmam dimidiam Misce. Duabus vel tribus exhibeatur vicibus duarum horarum intervallo. Mix. Let it be given at two or three times in the space of two hours.

115.—Recipe, Spiritûs Ammoniæ aromatici, drachmas duas

Liquoris Ammoniæ Acetatis, uncias quatuor

Tincturæ Opii, drachmam

Aquæ Pimentæ, uncias quatuor Misce. et divide in haustus quatuor, quorum unus usurpari potest si pulsus languescat vel pustulæ subsiderint. Mix, and divide into four draughts, of which one may be taken if the pulse become feeble or the pustules recede.

116.—Recipe, Tincturæ Opii, drachmam Syrupi Croci, drachmam Tincturæ Cardamomi, drachmas duas

Aquæ Cinnamomi, uncias sex Misce. Cochleare unum exhibeatur, dosisque iteretur, prout urgeat morbus. Mix. Let one table-spoonful be given, and the dose repeated, according as the disease may require [it].

117.—Recipe, Liquoris Ammoniæ Acetatis, uncias duas

> Tincturæ Opii, drachmam Vini Antimonii Potassio-Tartratis, drachmam

> Aquæ Menthæ sativæ, uncias

Misce, et in tres vel quatuor doses divide, quarum una omni bihorio in insultuum remissione sumenda. Mix, and divide into three or four doses, of which one is to be taken every two hours in the remission of the fits.

118.—Recipe, Vini Colchici, drachmas duas Tincturæ Jalapæ, drachmam Infusi Sennæ, uncias duas

Misce. Ista dosis in duas partes dividi potest, quarum una manè, altera serò exhibeatur. Mix. This dose may be divided into two parts, of which one part may be given in the morning, the other in the evening.

- 119.—Ætheris cochleare minimum, urgente flatu, in Aquâ Menthæ piperitæ sumendum. One teaspoonful of æther (is) to be taken in peppermint water when the flatus is troublesome.
- 120.—Recipe, Decocti Cinchonæ, uncias duas Tincturæ Myrrhæ, semiunciam Acidi Hydrochlorici, quantum sufficit ad gratam acerbitatem reddendum. To give an agreeable acidity.
- Tincturæ Sennæ, unciam
  Tincturæ Jalapæ, drachmas duas
  Aquæ Pimentæ, uncias duas
  Misce. Capiat dimidium statim, et semihorâ elapsâ,
  quod reliquum est. Mix. Let the patient take half
  immediately, and in half an hour the remainder.
- 122.—Prætermittatur mistura salina. Let the saline mixture be omitted.
- 123.—Capiat Tincturæ Opii guttas triginta horâ somni, et repetantur omnia tertiâ horâ, perstante dolore et spasmo. Let the patient take thirty drops of the tincture of opium at bedtime, and let them be repeated every third hour if the pain and spasm continue.

124.—Recipe, Tincturæ Castorei, drachmas duas Tincturæ Serpentariæ, drachmas duas

Aquæ Pimentæ, uncias duas Misce. Capiat cochleare modicum quartis horis, aggrediente febre. Mix. Let the patient take a moderate (i. e. a dessert) spoonful every four hours when the fever is coming on.

Magnesiæ Sulphatis, drachmam Misce. Ex hâc misturâ, primo die cochleare unum, altero die duo, et sic deinceps propinentur. Mix. Of this mixture let one spoonful be drunk the first day, two the next day, and so henceforth.

126.—Recipe, Sarsparillæ Radicis

Zingiberis Radicis contusæ, ana, unciam dimidiam

Sassafras Radicis concisæ, unciam Coque leni igne in Aquæ fontanæ octariis quatuor, ad dimidiam consumptionem, ut fiat decoctum, cujus bibat fluiduncias octo modicè tepefacti post bolum, et manè repetatur in lecto ad diaphoresin ciendam. Boil, with a gentle heat, in four pints of spring water, to half, that a decoction may be made, of which let the patient drink eight fluidounces, made moderately warm, after the bolus, and let it (i. e. the decoction) be repeated in the morning while in bed, to promote diaphoresis.

127.—Recipe, Acidi Sulphurici diluti, unciam dimidiam

Syrupi Rhœados, drachmas duas Tincturæ Cardamomi, drachmas duas

Fiat mistura, cujus sumat cochleare minimum,

sextis horis, in quovis vehiculo grato. Let a mixture be made, of which let the patient take one teaspoonful every six hours, in any agreeable vehicle.

128.—Recipe, Spiritûs Ammoniæ aromatici,

Tincturæ Cardamomi, drachmas duas

Tincturæ Castorei, drachmam Aquæ Pulegii, uncias quatuor

Sumat, opprimente languore, cochlearia ampla duo. Let the patient take two tablespoonfuls when the languor is oppressive.

129.—Recipe, Tincturæ Castorei

——— Myrrhæ, ana, drach-

mam

Misturæ Amygdalæ, uncias sex Syrupi Croci, drachmam

Misce. Sumat cochlearia quatuor ampla manè, meridie, et horâ somni, ad biduum vel triduum; quo elapso, et uno tantum die interjecto, sumat potionem emeticam sequentem manè, superbibendo Infusi Florum Anthemidis quantum sufficit ad vomitiones quater aut quinquies proritandas, cum debito regimine. Let the patient take four tablespoonfuls in the morning, at noon, and at bedtime, for the space of two or three days; which having elapsed, and one day only intervening, let the patient take the following emetic potion in the morning, drinking after it a sufficient quantity of the infusion of chamomile flowers to produce vomiting four or five times, with the accustomed regimen.

130.—Recipe, Vini Ipecacuanhæ, fluidunciam Antimonii Potassio-Tartratis, grana duo

Misce, et fiat potio. Mix, and let a potion be made.

131.—Recipe, Sodæ tartarizatæ semiunciam Tincturæ Rhei, unciam dimidiam Syrupi communis, drachmas duas Aquæ Pimentæ, uncias sex

Fiat mistura, cujus capiat æger cochlearia tria magna omni bihorio donec alvus purgetur. Let a mixture be made, of which let the patient take three tablespoonfuls every two hours until the bowels be purged.

132.—Recipe, Aquæ pulvialis, uncias duas Antimonii Potassio-Tartratis,

grana tria

Solve: hujus danda sunt cochlearia duo mediocria singulis horæ quadrantibus, donec vomitus sequatur. Dissolve: of this (solution) two middling-sized (i. e. dessert) spoonfuls are to be given every quarter of an hour, until vomiting ensues.

133.—Recipe, Infusi Sennæ, uncias sex Tincturæ Sennæ, semiunciam Magnesiæ Sulphatis, unciam

Fiat mistura, cujus capiat æger cochlearia duo magna bis terve in horâ, donec adsit catharsis. Let a mixture be made, of which let the patient take two tablespoonfuls twice or thrice in an hour until purging be present (i. e. come on).

134.—Recipe, Catechu, semiunciam

Aquæ puræ, uncias duodecim Coque ad uncias sex: stent donec fæces subsiderint: liquoris partem limpidam cautè effunde. Boil to six ounces: let them stand until the dregs subside: carefully pour off the clear part of the liquor.

135.—Recipe, Decocti Aloës, fluiduncias sex Sodæ Sulphatis, unciam dimidiam Fiat mistura, cujus sumat æger cochlearia duo ordinaria secundâ quâque horâ, donec amplè purgaverit. Let a mixture be made, of which let the patient take two common spoonfuls every second hour, until it (i. e. the medicine) shall have amply purged.

136.—Recipe, Acidi Nitrici, drachmam

Aquæ destillatæ, uncias duodecim Syrupi Aurantii, sesquiunciam

Fiat mistura, quotidiè sumenda, ope tubuli vitrei, partitis haustibus. Let a mixture be made, to be taken daily in divided draughts by means of a glass tube.

- 137.—Capiat æger unciam dimidiam Infusi Sennæ pro dosi, ex cyatho parvo Decocti Hordei. Let the patient take half an ounce of the infusion of senna for a dose, in a small cupful of barley water.
- 138.—Capiat æger cyathum vinosum parvum Infusi Gentianæ, secundâ quâque horâ. Let the patient take a small wineglassful of the infusion of gentian every second hour.
  - 139.—Recipe, Magnesiæ Carbonatis, semidrachmam

Pulveris Rhei, drachmam Aquæ Pimentæ, uncias sex

Misce. Sumantur cochlearia tria magna post unamquamque sedem mollem, vitro prius concusso. Mix. Let three tablespoonfuls be taken after each liquid evacuation, the bottle being previously shaken.

140.—Recipe, Sodæ et Potassæ Tartratis, drachmas sex

Aquæ Cinnamomi, uncias duas Fiat solutio duabus vicibus sumenda. Let a solution be made, to be taken at twice. 141.—Recipe, Infusi Quassiæ, uncias sex Magnesiæ Sulphatis, unciam

Fiat mistura, de quâ capiat æger cochleare unum amplum bis terve in die. Let a mixture be made, of which let the patient take one tablespoonful twice or three times a day.

142.—Recipe, Tincturæ Opii, drachmam Mucilaginis Acaciæ, uncias sex Spiritûs Ætheris Nitrici, drachmas duas

Misce. Bibat cochlearia tria subinde, urgente stranguriâ, aut in languore. Mix. Let the patient drink three spoonfuls when strangury is troublesome, or in languor.

143.—Repetatur mistura pro re natâ, si opus erit, ad vomitum sedandum. Let the mixture be repeated now and then, if there shall be occasion, to allay vomiting.

144.—Recipe, Tincturæ Opii, drachmam Syrupi Papaveris, drachmas duas

Aquæ Menthæ, uncias sex

Misce. Sumat unciam omni semihorâ, donec dolor mitescat. Mix. Let the patient take one ounce every half hour until the pain is appeared.

145.—Recipe, Tincturæ Hyoscyami, drachmas

Tincturæ Castorei, drachmas duas Syrupi Rhœados, drachmam

Aquæ puræ, uncias quatuor

Misce. Sumat drachmas duas omni horâ, si non dormiat. Mix. Let the patient take two drachms every hour if he does not sleep.

146.—Recipe, Magnesiæ Subcarbonatis, drachmam dimidiam

Tincturæ Gentianæ, drachmas

Syrupi Aurantii, drachmas qua-

Aquæ Pimentæ, uncias quatuor Misce. Capiat æger, acido infestante, cochleare amplum unum vel alterum ex poculo jusculi bovini. Mix. Let the patient take one or two tablespoonfuls, in a cupful of beef tea, when troubled with acid (i. e. acidity of the stomach).

147.—Recipe, Rasuræ Cornu Cervi, unciam Aquæ, octarios quatuor

Coque ad octarios duos, dein liquori colato adde Sacchari albi quod satis est, et ad usum servetur. Boil to two pints, then add to the strained liquor as much as is sufficient of white sugar, and let it (i. e. the decoction) be kept for use.

148.—Recipe, Infusi Sennæ, uncias sex

Sodæ Sulphatis, unciam dimidiam Syrupi Rhamni, drachmas duas

Fiat mistura. Detur imprimis uncia una, et interpositis tribus vel quatuor horis, cochleare exhibeatur si fuerit opus, et post duas alias horas repetatur dosis, si alvus antea non moveatur. Let a mixture be made. In the first place let an ounce be given, and three or four hours having intervened, let a spoonful be administered, if necessary; and after two more hours let the dose be repeated, if the bowels be not previously moved.

## CHAPTER IV.

FORMS FOR DRAUGHTS, ETC.

149.—Recipe, Magnesiæ Sulphatis, drachmas duas

Infusi Sennæ, unciam

Syrupi Rhamni, drachmam

Misce. Fiat haustus, in jusculo calido, partitis vicibus, sumendus. Mix. Let a draught be made, to be taken at different times in warm broth.

150.—Recipe, Infusi Gentianæ, unciam

Tincturæ Cardamomi, drachmam

Fiat haustus, quem æger sumat tribus ante prandium horis. Let a draught be made, which let the patient take three hours before dinner.

151.—Recipe, Infusi Sennæ, unciam Sumatur pro re natâ, postea augenddo minuendove quantitatem, prout sedes pauciores pluresve promoverit. Let it be taken occasionally; afterwards increasing or diminishing the quantity, according as it shall have excited more or less stools.

152.—Recipe, Spiritûs Ætheris Nitrosi, guttas viginti

Liquoris Ammoniæ Acetatis,

fluiddrachmam

Aquæ Menthæ viridis, fluidunciam

Fiat mistura salina, cujus capiat cochleare parvum omni horâ cursu noctis. Let a saline mixture be made, of which let the patient take a teaspoonful every hour in the course of the night.

153.—Recipe, Potassæ Carbonatis, scrupulum

Aquæ destillatæ, drachmas decem

— Cinnamomi, drachmas duas
Syrupi, drachmam

Misce. Fiat haustus, cui, tempore capiendi, adde Succi Limonis recentis cochleare magnum unum, et in effervescentia sumatur. Mix. Let a draught be made, to which, at the time of taking, add one tablespoonful of lemon juice; and let it be taken during effervescence.

154.—Recipe, Antimonii Potassio-Tartratis, granum dimidium

Aquæ puræ, unciam

Misce, ut fiat haustus statim sumendus, et repetatur post horas duas si non antea ventriculus emeticum rejecerit, vel si alvus non laxata fuerit. Mix, that a draught may be made, to be taken immediately; and let it be repeated after two hours if the stomach shall not have previously rejected the emetic, or if the bowels shall not have been opened.

155.—Recipe, Tincturæ Lavandulæ compositæ, drachmam

Misturæ Camphoræ, uncias duas Misce, et fiat haustus, sextâ quâque horâ sumendus, si aderit vel spasma vel pulsûs languor. Mix, and let a draught be made, to be taken every six hours, if spasm or languor of pulse be present.

156.—Perstet in usu haustûs nocturni heri præscripti. Continue the use of the night draught prescribed yesterday.

157.—Sit in promptu haustus cum Vini Colchici drachmâ, horâ somni sumendus, si redintegraverit malum arthriticum, vel involverint vigiliæ inter noctem. Let a draught with (containing) one drachm

of wine of colchicum be in readiness, to be taken at the hour of sleep (i. e. bedtime) if the arthritic pain should have returned, or if the watchings should be troublesome during the night.

158.—Repetatur porrò haustus inter noctem cum Tinctura Opii, si vigiliæ involverint, vel increbuerit tussis. Moreover, let the draught with tincture of opium be repeated during the night if the watchings should be troublesome, or if the cough should become more frequent.

159.—Recipe, Acidi Nitrici diluti, semiunciam Spiritûs Ætheris Nitrici, drachmas tres

Tincturæ Hyoscyami, drachmas duas

Aquæ puræ, octarios duos Syrupi, quantum sufficit

ad acorem compescendum et gustum conciliandum. Sumat quotidiè instar potus, et bibat quantum sitis exigat. To moderate the acidity and please the palate. Let the patient take it daily, as a drink, and let him take as much as thirst may require.

- 160.—Sumat ægrotus omni mane, si possit, uncias octo lactis asini, pro jentaculo. Let the patient take every morning, if he can, eight ounces of asses' milk for breakfast.
- 161.—Capiatæger haustum catharticum proximâ luce navem conscendens; et si post navigationem vomitus supervenerit, bibatæger spiritûs alicujus paululum aquâ commixtum. Let the patient take a purging draught the day before embarking; and if, after sailing, vomiting should come on, let him drink a little of some (kind of) spirit, mixed with water.

162.—Recipe, Pulveris Radicis Ipecacuanhæ, grana decem

Antimonii Potassio-Tartratis,

granum

Aquæ destillatæ, fluidunciam cum semisse

Misce. Fiat haustus, horâ nonâ matutinâ sumendus. Vomitu superveniente, bibat æger, vicibus repetitis, Infusi Anthemidis aliquot cyathos. Vomitu finito, capiat pulverem sudorificum. Mix. Let a draught be made, to be taken at nine o'clock in the morning. When vomiting comes on, let the patient drink, at different times, some wineglassfuls of infusion of chamomile flowers; vomiting being finished, let the patient take a sudorific powder.

163.—Recipe, Infusi Sennæ, sesunciam Potassæ Tartratis, semiunciam Tincturæ Cinnamomi compositæ, fluidrachmas duas

Ex his fiat haustus summo mane deglutiendus. Repetatur idem tertio quoque die. Of these let a draught be made, to be taken the first thing in the morning. Let the same be repeated every third day.

164.—Recipe, Tincturæ Opii, guttas viginti Syrupi cujusvis, fluidrachmam

Misturæ Camphoræ, fluidunciam Misce. Capiat æger haustulum hujusmodi, singulis noctibus, horâ solitâ. Mix. Let the patient take a little draught of this kind every night, at the accustomed hour.

165.—Recipe, Tincturæ, Castorei, guttas decem Spiritûs Ætheris Nitrici, guttas quindecim Potassæ Nitratis, grana sex Aquæ Pimentæ, unciam Misce. Fiat haustus in promptu habendus, et urgente febris paroxysmo sumendus. Mix. Let a draught be made, to be kept in readiness, and taken when the febrile paroxysm is troublesome.

166.—Sumat æger omni mane guttas novem Acidi Sulphurici diluti, ex jure vitulino. Let the patient take nine drops of diluted sulphuric acid in veal broth every morning.

167.—Recipe, Sambuci Corticis interioris, ma-

nipulum unum

Incoquatur in aquæ octariis duobus ad octarium. Decocti hujus altera medietas mane, altera sero quotidiè, assumatur, donec æger convalescat. Let it be boiled in two pints of water to one pint. Let half of this decoction be taken in the morning, and the remainder in the evening, daily, until the patient recovers.

168.—Sumat Tincturæ Opii guttas viginti, in vehiculo calido conveniente. Let the patient take twenty drops of tincture of opium in a vehicle made agreeably warm.

169.—Recipe, Pulveris Radicis Ipecacuanhæ, scrupulum

Aquæ Menthæ, unciam

Misce; fiat haustus emeticus. Potione copiosâ puræ aquæ tepefactæ, vomitio benè provocetur. Mix. Let an emetic draught be made. Let full vomiting be produced by a copious draught of pure tepid water.

170.—Recipe, Infusi Gentianæ compositi, unciam Potassii Bromidi, grana quinque Fiat haustus, manè et horâ quartâ pomeridianâ potandus. Let a draught be made, to be taken in the morning, and at four o'clock in the afternoon.

171.—Recipe, Olei Ricini, unciam

Potassæ Carbonatis, grana sex

Aquæ Pimentæ, unciam

Fiat secundum artem mistura pro una dosi, quamprimum sumenda. Let a mixture be made according to art, for one dose to be taken immediately.

172.—Recipe, Tincturæ Opii, guttas quindecim Syrupi Croci, drachmam

Aquæ Menthæ viridis, unciam

Misce, fiatque haustus, somno deficiente bibendus. Mix and let a draught be made, to be taken when sleep is absent.

173.—Recipe, Tincturæ Myrrhæ, unciam dimidiam

Spiritûs Ætheris Nitrici, drach-

mam

Syrupi Tolutani, drachmam Aquæ Pimentæ, uncias duas

Misce, et fiat mistura, de quâ capiat unciam, si vel languores vel horrores contingant. Mix, and let a mixture be made, of which let the patient take an ounce, if either languors or shivering affect (the patient).

174.—Capiat Acidi Sulphurici diluti guttas decem, vel numero sufficientes ad moderatam aciditatem, in singulis selibris decocti hordei. Let the patient take in every half pint of borley water, ten, or a sufficient number of drops of diluted sulphuric acid to (produce) moderate acidity.

175.—Sequenti aurorâ, sumat Olei Ricini quantum satis sit ad alvum solvendam. On the follow-

ing morning, let the patient take a sufficient quantity of castor oil to open the bowel.

176.—Sumat æger Vini Antimonialis guttas viginti quartâ, quintâ, vel sextâ quâque horâ, nauseâ non tamen excitanda. Let the patient take twenty drops of antimonial wine every fourth, fifth, or sixth hour: nausea, however, not to be excited.

177.—Recipe, Cupri Sulphatis, grana decem Aquæ Menthæ sativæ, unciam Syrupi simplicis, drachmam

Fiat haustus, quando venenum in ventriculum receptum est sumendus. Let a draught be made, to be taken when poison has been received into the stomach.

178.—Bibat Infusum Seminum Lini ad libitum. Let the patient drink as much as he pleases of the infusion of linseed.

179.—Recipe, Radicis Sarsaparillæ, uncias duas Corticis Ulmi, semiunciam Aquæ puræ, octarios duos

Coque ad octarium cum semisse, cola, et signetur decoctum, quod capiat ut ante. Boil to a pint and a half, strain, and let it be called (on the direction) the decoction, which let the patient take as before.

180.—Recipe, Infusi Quassiæ, unciam

Misce. Fiat haustus, mane iterumque horâ ante prandium, stomacho vacuo, sumendus. Mix. Let a draught be made, to be taken in the morning, and again an hour before dinner, when the stomach is empty.

181.—Recipe, Tincturæ Opii, guttas quindecim Aquæ Menthæ sativæ, unciam Syrupi Aurantii, drachmam Misce. Fiat haustus, horâ somni, vel vespertinâ, vel serâ nocte sumendus. Mix. Let a draught be made, to be taken at bedtime, in the evening, or late at night.

182.—Recipe, Potassæ Carbonatis, scrupulum Syrupi Croci, drachmam

Aquæ Menthæ piperitæ, unciam Misce. Fiat haustus, cum succi limonum cochleare uno amplo, in impetu ipso effervescentiæ sumendus. Mix. Let a draught be made, to be taken with one tablespoonful of lemon juice, in the height of effervescence.

183.—Recipe, Tincturæ Jalapæ, semidrachmam Infusi Sennæ compositi, unciam Magnesiæ Sulphatis, drachmas duas

Misce. Fiat haustus, secundis horis sumendus, donec alvus plenè soluta sit. Mitte tales quatuor. Mix. Let a draught be made, to be taken every second hour, until the bowels are freely opened. Send four such (draughts).

184.—Continuetur haustus nuperrimè præscriptus. Let the draught very lately prescribed be continued.

185.—Recipe, Liquoris Ammoniæ Acetatis, unciam

> Spiritûs Ætheris Nitrici, semidrachmam

Tincturæ Opii, guttas quindecim Aquæ puræ, drachmas duas

Misce. Fiat haustus, quartâ quâque horâ capiendus. Ut effectus sudorificus augeatur, adde singulis haustibus Antimonii Potassio-Tartratis grani quartam partem. Mix. Let a draught be made, to be

taken every fourth hour. That the sudorific effect may be increased, add to each draught a quarter of a grain of the potassio-tartrate of antimony.

186.—Recipe, Tincturæ Castorei, semidrachmam Tincturæ Serpentariæ, guttas decem

Spiritûs Ammoniæ aromatici, gut-

tas quindecim

Aquæ Pimentæ, unciam Misce. Fiat haustus, si vigilia increbuerit aut dolor capitis redintegraverit sumendus. Mix. Let a draught be made, to be taken if the watching should have increased, or the pain of the head should have returned.

- 187.—Perdomito symptomate, mane, et sero, ad dies pauculos, continuetur usus haustuum. symptom being subdued, let the use of the draughts be continued, morning and evening, for a few days.
- 188.—Continua haustum effervescentem sicut jamjam paratum. Continue the effervescing draught, as already prepared.
- 189.—Cochleare unum Tincturæ Lavandulæ compositæ per se propinari possit, bis vel ter durante paroxysmo, horâ dimidiâ vel integrâ interposità. One spoonful of the compound tincture of lavender may be taken by itself twice or three times during the paroxysm, half an hour or an hour being interposed.
- 190.—Recipe, Decocti Sarsaparillæ compositi, octarium (fluiduncias viginti) Potassii Iodidi, scrupulum Sumat poculum (uncias quatuor) bis terve indies.

Let the patient take a cupful (four ounces) twice or three times a day.

191.—Recipe, Tincturæ Opii, guttas viginti Misturæ Cretæ, unciam

Fiat haustus, navem ingressurus sumendus. Let a draught be made, to be taken when about to embark.

192.—Recipe, Magnesiæ Sulphatis, unciam Acidi Sulphurici diluti, guttas decem

> Syrupi Rhœados, drachmam Aquæ Menthæ piperitæ, unciam

Misce. Fiat haustus, cras primo mane sumendus, et repetatur tertiis vel quartis horis, ad alvum solvendam. Mix. Let a draught be made, to be taken early to-morrow morning, and repeated every third or fourth hour, to open the bowel.

193.—Recipe, Misturæ Cretæ, unciam

Syrupi Croci, drachmas duas Misce. Fiat haustus, quartâ quâque horâ sumendus, donec paroxysmi non discrucient, instillando alternis vicibus, si diarrhœa adfuerit, Tincturæ Opii guttas duas vel tres. Mix. Let a draught be made, to be taken every fourth hour, until the paroxysms no longer distress (the patient); adding every other time, if diarrhæa should be present, two or three drops of tincture of opium.

194.—Recipe, Tincturæ Calumbæ, drachmas

Acidi Sulphurici diluti, guttas quindecim

Aquæ Cinnamomi, unciam

Syrupi Rhœados, drachmas duas Misce. Fiat haustus, quarta quaque hora sumendus; et tempore usûs, adde singulis, si opus fuerit, ad præcavendam diarrhæam, Tincturæ Opii guttas tres. Mix. Let a draught be made, to be taken every fourth hour; and at the time of using, add to each draught, if necessary, to prevent diarrhæa, three drops of tincture of opium.

195.—Recipe, Infusi Digitalis, uncias tres

——— Gentianæ compositi, uncias

quatuor

Syrupi Croci, unciam

Misce. Fiant haustus sex. Sumat unam sextis horis, per spatium nycthemeri, si vires permittant. Let six draughts be made. Let the patient take one every six hours, for the space of one night and day (i. e. twenty-four hours), if the strength permit.

196.—Recipe, Infusi Calumbæ, sesquiunciam Potassæ Hydriodatis, grana quinque

Syrupi Aurantii, drachmas duas Misce. Fiat haustus, meridie et horâ quintâ pomeridianâ sumendus, per septimanam integram, vel ulterius, si opus fuerit. Mix. Let a draught be made, to be taken at noon and at five o'clock in the afternoon, for one whole week, or longer, if necessary.

197.—Recipe, Balsami Copaibæ, drachmas tres
Misturæ Acaciæ, drachmas sex
Liquoris Potassæ, drachmam
unam cum semisse
Syrupi Aurantii, unciam dimidiam
Aquæ destillatæ, uncias quatuor
cum semisse

Misce. Capiat cochlearia duo vel tria quartis horis.

Mix. Let the patient take two or three tablespoonfuls

every four hours.

198.—Recipe, Balsami Copaibæ, partes duas Liquoris Potassæ, partes tres Aquæ destillatæ, partes septem

Coque per quadrantem horæ et tunc adde

Spiritûs Ætheris Nitrici, partem unam. Stet per horas duas vel tres

Capiat æger, liquoris limpidi supernatantis, cochleare medium unum ter die. Boil during a quarter of an hour, and then add one part of spirit of nitric ether. Let [the mixture] stand for two or three hours. Let the patient take, three times a day, one dessertspoonful of the limpid supernatant liquor.

199.—Recipe, Balsami Copaibæ, unciam dimidiam

Vitellum unius Ovi Sacchari puri, unciam

His bene subactis terendo, adde paulatim Aquæ Menthæ viridis, uncias sex, ut fiat emulsio. To these, well incorporated by rubbing, add gradually six ounces of spearmint water, that an emulsion may be made.

200.—Recipe, Calomelanos, grana tria

Confectionis Opiatæ, grana sex Misce; fiat bolus, statim sumendus. Vespere, nisi prius bis saltem dejecerit alvus, capiat (æger homo) Olei Ricini unciam dimidiam (vel semiunciam), vel quantum sufficiat, ad alvum solvendam. Mix. Let a bolus be made, to be taken immediately. Unless the bowels shall have been twice previously evacuated, let the patient take in the evening half an ounce, or as much as may be sufficient, of castor oil, to open the bowels.

Alvo, hisce medicamentis, liberè soluta, incipiat

sumere haustum sequentem. The bowels being freely opened by these medicines, let him begin to take the following draught:

Recipe, Liquoris Ammoniæ Acetatis, semiunciam

Aquæ Cinnamomi, unciam unam Vini Antimonialis, guttas quindecim Syrupi Papaveris albi, drachmam

Misce; fiat haustus.

Februarii die vigesimo tertio.

201.—Repetantur remedia olim (penultima) præseripta, non novissime instituta. Si alvus adstricta fuerit, magnesia vitriolata augeatur, ut alvus satis soluta fuerit. Let the remedies formerly (the last time but one) prescribed be repeated, not the last ordered. If the bowels be bound, let the vitriolated (i. e. sulphate of) magnesia be increased, that they may be sufficiently opened.

Martis die undecimo.

202.—Recipe, Infusi Sennæ, unciam cum semisse (vel sesquiunciam)

Mannæ, unciam dimidiam

Misce. Capiat (æger homo) cochleare largum unum horâ tertiâ quâque, donec sedes tres vel quatuor procurantur. Mix. Let the patient take a tablespoonful every third hour, until three or four stools are procured.

Recipe, Linimenti Ammoniæ, drachmas sex Unguenti Hydrargyri fortioris, drach-

Misce; fiat linimentum, cervici et scapulis omni nocte et mane, manu calidâ, assidue applicandum; superimponendo pannum laneum eodem imbutum. Et post operationem Misturæ Sennæ, ad usum Misturæ Antimonialis in promptu confugiat. Mix. Let a liniment be made, to be assiduously applied night and morning to the neck and shoulders with the warm hand; afterwards applying a woolen cloth moistened with the same (i. e. liniment). And after the operation of the senna mixture, let him return to the use of the antimonial mixture, (which is to be kept) in readiness.

Novembris die vigesimo quarto.

203.—Recipe, Guaiaci Ligni rasi, unciam unam Sassafras Radicis, unciam dimidiam

Aquæ destillatæ, libras duas Coque igne leni ad libram unam; sub finem coctionis addantur Glycyrrhizæ Radicis contusæ drachmæ duæ, et cola: cujus capiat cochlearia tria ampla ter quotidie. Boil, by a gentle heat, to one pound: let two drachms of bruised liquorice root be added toward the end of the coction, and strain: of this let the patient take three tablespoonfuls three times a day.

Octobris die decimo.

## CHAPTER V.

FORMS FOR POWDERS, PILLS, ETC.

204.—Prosit forsan dare ægro, lectum ituro, Pulveris Hydrargyri subchloridi grana quinque. Perhaps it may be beneficial to give the patient, when about going to bed, five grains of subchloride of mercury.

205.—Recipe, Coccinellæ, scrupulum Sodii Chloridii, drachmas duas

Misce. Fiat pulvis. Detur cochleare dimidium pro dosi, tempore matutino. Mix. Let a powder be made. Let half a spoonful be given for a dose, in the morning.

206.—Recipe, Pulveris Jalapæ, drachmas duas Hydrargyri subchloridi, semidrachmam

Misce. Dentur grana duodecim ad viginti et quatuor, quando alvi ductione opus sit. Mix. Let [from] twelve to twenty-four grains be given when there may be occasion to open the bowel.

207.—Recipe, Magnesiæ Carbonatis, semiunciam Fœniculi Seminum

Sacchari purificati, ana, drachmam Terantur in pulverem. Dosis quantum cultri apice capi potest, sæpius in die. Let them be rubbed into a powder. The dose is as much as can be taken on the point of a knife, frequently during the day.

208.—Recipe, Hydrargyri subchloridi, drachmam Confectionis Rosæ, quantum satis

Contunde in massam et divide in pilulas triginta. Sumatur una bis indies, ut cieatur ptyalismus modicus. Beat them into a mass, and divide into thirty pills. Let one be taken twice a day, that moderate ptyalism may be produced.

209.—Augeatur dosis Pulveris Jacobi veri ad grana sex. Let the dose of James's powder be increased to six grains.

210.—Recipe, Hydrargyri Oxydi rubri, granum Opii, tertiam grani partem Caryophyllorum Olei, guttam

Fiat pilulâ, horâ somni per hebdomadam sumenda. Let a pill be made, to be taken at bedtime during the week.

211.—Recipe, Myrrhæ Gummi-resinæ, semidrachmam

Sacchari puri, semiunciam Tere simul in pulverem. Dosis, drachma una ter quaterve indies, è quovis liquore idoneo. Rub them together into a powder. The dose is one drachm three or four times a day, in any proper liquid.

212.—Recipe, Pulveris Opii, grana tria
Extracti Glycyrrhizæ, grana octo
Fiant pilulæ binæ, nocte sumendæ ad vicem secundam. Let two pills be made, to be taken at night
for twice (i. e.) two nights.

213.—Recipe, Capsici Seminum contritorum, grana sex

Lauri Baccarum, scrupulos duos Misce. Fiat pulvis, dividendus in tres partes æquales, quarum prima portio sumatur incipiente primore rigore; secunda, postridie eâdem horâ; tertia verò tertio die. Mix. Let a powder be made, to be divided into three equal parts, of which let the first part be taken at the beginning of the first rigor, the second at the same hour of the following day, and the third on the third day.

214.—Recipe, Confectionis Opii, scrupulum unam

Pro re natâ sumatur, si diarrhœa permaneat. Let it be taken occasionally if the diarrhœa remain.

215.—Recipe, Extracti Colocynthidis compositi, drachmam

Hydrargyri subchloridi, grana duodecim

Fiat massa, in pilulas duodecim dividenda. Let a

mass be made, to be divided into twelve pills.

Capiat summo mane tres, et postea duas, si alvus, horis sex, non satis dejecerit. Let the patient take three early in the morning, and afterwards two, if the bowel, in six hours, be not sufficiently evacuated.

216.—Recipe, Pulveris Rhei, scrupulum

Hydrargyri subchloridi, grana

quinque

Syrupi Althææ, quantum sufficit ut fiat bolus, horâ somni sumendus et alternis noctibus repetendus, ad duas vel tres vices. That a bolus may be made, to be taken at bedtime, and to be repeated every other night, for two or three times.

217.—Recipe, Extracti Cicutæ, semidrachmam Fiant pilulæ quindecim, in pulvere cicutæ involvendæ. Mitte in chartaceâ pyxide. Let fifteen pills be made, to be rolled in hemlock powder. Send them in a paper box.

218.—Recipe, Extracti Colocynthidis, semidrachmam

> Pulveris Scammonii, scrupulum Hydrargyri subchloridi, grana duodecim

Misce. Fiant pilulæ duodecim; quarum capiat unam nocte, quoties alvus fuerit justo adstrictior. Mix. Let twelve pills be made, of which let the patient take one at night, as often as the bowel is more confined than it ought to be.

219.—Recipe, Extracti Elaterii, granum dimidiam

———— Colocynthidis compositi, grana quinque

Olei essentialis Menthæ piperitæ,

guttam unam

In pilulam conficiantur cras mane deglutiendam, iterumque mane perendino. Let them be made into a pill, to be taken to-morrow morning, and again the morning after to-morrow.

220.—Ad nauseam supprimendam, bibat æger spiritûs alicujus paululum aquâ commixtum. To prevent nausea, let the patient take a little of some spirit mixed with water.

221.—Recipe, Corticis Cinchonæ Pulveris, grana quindecim ad drachmas duas

Capiat è cyatho vini generosissimi horæ quadrantis ad horas quatuor, intervallo, ita ut æger sumat drachmas sex ad minimum, inter duos paroxysmos. Let the patient take it in a glass of the best (most generous) wine, every quarter of an hour, for four hours during the interval (of the paroxysms), so that the patient may take at least six drachms between the paroxysms.

222.—Recipe, Extracti Elaterii, grana duo Sacchari purificati, drachmam unam

Optime terantur simul, dein in pulveres octo æquales dividantur, quorum capiat æger unum omni horæ quadrante, donec adsit catharsis. Let them be well rubbed together, then divided into eight equal powders, of which let the patient take one every quarter of an hour until purging take place.

223.—Accipiat vespere

Jalapæ Pulveris, grana quindena

Hydrargyri subchloridi, grana quinque Conterantur in molem syrupo simplici, ut fingantur globuli terni æquales. Let the patient take fifteen grains of Jalap and five of Calomel in the evening. Let them be rubbed into a mass with simple syrup, that they may make three equal globules (pills).

224.—Recipe, Sodæ Carbonatis exsiccatæ drach-

mam unam Saponis duri, scrupulos quatuor Olei Juniperi, guttas viginti Syrupi Zingiberis, quantum sufficit

ut fiat massa, in pilulas triginta dividenda, è quibus capiat tres indies, contra calculos renum. That a mass may be made, to be divided into thirty pills, of which let the patient take three daily, against renal calculi.

225.—Recipe, Pulveris Jalapæ, drachmas duas Hydrargyri subchloridi, grana

viginti quatuor

Misce, et in pulveres duodecim divide, quorum capiat duos vel tres, ut necesse sit ad sedes. Mix, and divide into twelve powders, of which let the patient take two or three, as may be necessary, for (i. e. to produce) stools.

226.—Recipe, Potassæ Sulphatis, scrupulos duos in semipoculo aquæ tepidæ solutus, cum guttis viginti Tincturæ Digitalis sumendos. To be dissolved in half a cupful of warm water, to be taken with twenty drops of tincture of foxglove.

227.—Recipe, Pulveris Cinchonæ, drachmam

Sit pulvis, secundis horis, in cyatho lactis, absente paroxysmo, sumendus. Let it be a powder, to be taken every other hour, in a cup of milk, during the absence of the paroxysm.

228.—Sumantur Pulveris Calumbæ, grana decem. Singulis auroris ex pulte. Let ten grains of powder of calumba be taken every morning in gruel.

229.—Recipe, Pulveris Nitratis Potassæ

-- Potassæ Sulphatis, ana,

grana quindecim

Fiat pulvis, in promptu habendus, et urgente paroxysmo sumendus. Let a powder be made, to be had in readiness, and taken when the paroxysm is troublesome.

Hydrargyri subchloridi, grana

viginti

Syrupi simplicis, quantum sufficit ut fiat massa, in pilulas viginti dividenda, è quibus capiantur binæ, ad alvum officii immemorem excitandam. That a mass may be made, to be divided into twenty pills, of which let two be taken to excite the bowels unmindful of their office (i. e. constipated bowels).

231.—Recipe, Potassæ Nitratis, grana viginti Sacchari albi, drachmas duas Mucilaginis Acaciæ, quantum sufficit

ut fiat massa, in trochiscos duodecim distribuenda, quorum unus detineatur sub linguam, donec li-

quescat To be divided into twelve lozenges, of which let one be held under the tongue until it melts.

232.—Recipe, Quercûs Corticis, drachmam dimidiam

Anthemidis Florum exsiccatorum

scrupulum unum

Tere simul in pulverem, alternis vel tertiis horis, durante apyrexiâ, sumendum. Rub together into a powder, to be taken every second or third hour during the intermission.

233.—Recipe, Zinci Sulphatis, grana duodecim

Aquæ puræ, uncias tres

Sumatur tertia pars, ter die, augendo dosin, si opus sit, et si ferat ventriculus. Let a third part be taken three times a day, increasing the dose if necessary, and if the stomach will bear it.

234.—Recipe, Extracti Cannabis Indicæ, grana quinque

Vespere ante somnum sumenda. To be taken in the evening before sleep.

235.—Recipe, Extracti Colocynthidis, drachmam unam

Fiant pilulæ duodecim. Sumat unam, sextis horis, donec commodè purgetur. Let twelve pills be made. Let the patient take one every six hours, until sufficiently purged.

236.—Recipe, Pulveris Ipecacuanhæ, grana viginti quinque

Antimonii Potassio-Tartratis,

granum unum

Fiat pulvus emeticus: ex pauxillo alicujus liquoris idonei hauriatur, et vomitu motu, superbibantur cyathi aliquot infusi anthemidis tepidi. Let an

emetic powder be made: let it be taken in a little of any proper liquor, and when vomiting comes on, let some cupfuls of warm infusion of camomile flowers be drunk.

237.—Recipe, Pulveris Cinchonæ, drachmas tres Divide in partes duodecim [quarum] capiat unam, secundâ vel tertiâ quâque horâ, ex cyatho parvo lactis vaccini recentis, absente febre. Divide into twelve equal parts, of which let the patient take one every second or third hour, in a small cupful of fresh cow's milk, during the absence of the fever.

Hydrargyri subchloridi, grana sex Fiat bolus, horâ somni quâlibet nocte sumendus; mane sequenti, post quintam vel sextam assumptionem, bibat potionem purgantem communem. Let a bolus be made, to be taken any night, at bedtime; on the morning following, after the fifth or sixth taking, let the patient take a common purging draught.

239.—Recipe, Pilulæ Aloës cum Myrrhâ, drachmam unam

Fiant pilulæ duodecim, quæ obruantur pulvere glycyrrhizæ. Let twelve pills be made, which are to be rolled in powder of liquorice.

240.—Recipe, Pulveris Digitalis, grana tria

Glycyrrhizæ, grana viginti

Misce. In pulveres tres hæc quantitas dividenda est. Partitio fiat exactissima. Mix. This quantity is to be divided into three powders. Let the division be very carefully made.

241.—Recipe, Extracti Papaveris, grana decem

Fiant pilulæ duæ, quarum capiat unam statim, et alteram post horas tres si vomitus perstiterit. Let two pills be made, of which let the patient take one immediately, and the other after three hours, if the vomiting continue.

242.—Recipe, Ferri Sesquioxydi drachmas sex In sex partes dividatur, quarum una ter de die exhibenda, et per plures dies continuanda. Let it (i. e. the powder) be divided into six parts, one of which is to be given three times a day, and continued for several days.

243.—Recipe, Pilulæ Hydrargyri, grana decem

Fiant pilulæ duæ. Let two pills be made.

Devoret æger unam bis in die, horâ decimâ et horâ secundâ. Let the patient swallow one twice a day, at ten o'clock and at two o'clock.

244.—Recipe, Pulveris Scammonii, scrupulum unum

Hydrargyri subchloridi, grana quatuor

Misce. Fiat pulvis purgans extemplò in pulpa pomi tosti sumendus. Mix. Let an opening powder be made, to be taken immediately in the pulp of a roasted apple.

- 245.—Dentur Radicis Ipecacuanhæ in pulverem subtilissimum tritæ grana tria vel quinque diluculò, singulis vel alternis diebus. Let three or five grains of ipecacuanha root, rubbed into a very fine powder, be given at day-break, every, or every other day.
- 246.—Sumantur Filicis Radicis in pulverem tritæ drachmæ duæ vel tres, e cyatho æquæ Menthæ, primo diluculò.

Elapsis duabus horis, devoretur bolus ex Hydrargyri submuriatis granis quinque vel sex, et cambogiæ granis octo vel decem; assumpto subindè haustulo infusi theæ viridis.

Let two or three drachms of fern root, rubbed into powder, be taken in a cupful of mint water, early in

the morning [at day-break].

Two hours having elapsed, let a bolus composed of five or six grains of submuriate of mercury, and of eight or ten grains of gamboge, be swallowed; a draught of infusion of green tea being taken now and then.

247.—Recipe, Ferri Sulphatis, drachmam dimidiam

Assafætidæ, drachmas duas cum mucilaginis acaciæ fantillo subige in massam dividendam in pilulas singulas grana quatuor pendentes. Rub with a little mucilage of acacia into a mass, to be divided into pills, each weighing four grains.

248.—Recipe, Antimonii Potassio-Tartratis,
grana quatuor
Pulveris Foliorum Digitalis,
grana decem
Confectionis Rosæ, quantum
sufficit

ut fiat massa, in pilulas viginti dividenda. Initio sumat æger pilulam unam, pro dosi, mane ac nocte, postea bines, dein tres, et denique augeatur dosis, quantum fieri potest. That a mass may be made, to be divided into twenty pills. At the commencement, let the patient take, morning and night, one pill for a dose; afterwards, two, then three, and lastly, let the dose be increased as much as can be borne.

249.—Recipe, Extracti Gentianæ, grana decem. Fiat bolus; detur jejuno stomacho. Let a pill be made. Let it be given on an empty stomach.

Misce. Capiat grana decem ter die. Dosis sensim augenda est, donec drachma una in die sumatur. Mix. Let the patient take ten grains three times a day. The dose is to be gradually increased until one drachm be taken during the day.

- 251.—Sumat quantum cuspide cultri capi potest, Pulveris Rhei, in cochleare lactis saccharati, vel in melle. Let the patient take as much powder of rhubarb as can be contained on the point of a knife, in a spoonful of sugared milk or in honey.
- 252.—Sumat æger drachmam unam Pulveris Cinchonæ, ante paroxysmum ingredientem. Let the patient take one drachm of powder of cinchona bark before the approaching paroxysm.
  - 253.—Recipe, Hydrargyri Binoxydi, grana duodecim Confectionis Rosæ, quantum sufficit

ut fiant pilulæ duodecim. Sumat æger pilulam ter in die, donec dentes vacillare incipiant. Dosis ab initio a pilulâ unâ ad duas vel tres, semper dosin augendo. That twelve pills may be made. Let the patient take one pill, three times a day, until the teeth begin to loosen. The dose, at the beginning, is from one to two or three pills, always increasing the dose.

254.—Recipe, Pulveris Cinchonæ, drachmam unam

Misce. Sumat æger ante tempus redeuntis paroxysmi, ter in septimanâ huncce pulverem pro dosi. Mix. Let the patient take this powder for a dose, before the time of the returning paroxysm, three times a week.

255.—Sumat ægra, in lecto composita, pilulam Opii, superbibendo hordei aquam calidam. Let the (female) patient take, when in bed, a pill of opium, drinking afterwards warm barley water.

256.—Recipe, Gummi Ammoniaci, drachmam dimidiam

Pulveris Rhei, scrupulum unum Syrupi simplici, quantum sufficit

ut fiant pilulæ viginti. Capiat per duas noctes, quatuor, et intermittat tertiam noctem; et sic pergat donec totum sumpserit. That twenty pills may be made. Let the patient take four for two nights, and intermit the third night; and continue this until the whole shall be taken.

257.—Recipe, Antimonii Sesquioxydi scrupulum unum

Nitratis Potassæ, drachmam unam Pulveris Ipecacuanhæ compositi,

drachmam dimidiam

Misceantur, et fiat pulvis tenuissimus, in septem partes æquales separandus, quarum una singulis horis ingeratur. Let them be mixed, and let a very fine powder be made, to be divided into seven equal parts, of which let one be taken every hour.

258.—Repetantur pulveres, hesterno die præ-

scripti, eodemque modo sumantur. Let the powders be repeated, prescribed yesterday, and let them be taken in the same manner.

Pulveris Ipecacuanhæ, grana sex Misce, et fiat pulvis, in chartulas duas æqualiter dividendus, quarum capiat unam horis octavis; et temporibus intermediis, si pulsus sit creber et fortis, bibat cochlearia duo misturæ sequentis. Mix, and let a powder be made, to be equally divided into two powders, of which let the patient take one every eight hours; and in the intermediate time, if the pulse be frequent and strong, let the patient take two tablespoonfuls of the following mixture.

260.—Recipe, Extracti Colocynthidis, drachmam

Pulveris Scammonii, drachmam dimidiam

Misce, fiant pilulæ viginti, quarum duæ deglutiantur horâ decubitûs: diluculò, ut infra

Recipe, Infusi Sennæ, unciam unam Mix. Let twenty pills be made, of which let two be taken at bedtime: early in the morning [at daybreak], (let him take), as under (i. e. the following).

261.—Recipe, Hydrargyri subchloridi, grana duodecim
Confectionis Rosæ, quantum sufficit

ut fiant pilulæ duodecim, quarum sumat unam post cœnam: mane et pomeridie sumat haustum purgantem. That twelve pills may be made, of which let the patient take one after supper; let him take a purging draught, morning and evening.

262.—Recipe, Zinci Sulphatis, scrupulum dimidium

Pulveris Ipecacuanhæ, grana

quindecim

Fiat pulvis emeticus, statim sumendus. Finitâ vomitorii operatione, capiat subinde cochlearia duo misturæ purgantis. Let an emetic powder be made, to be taken immediately. The operation of the vomit being finished, let the patient take now and then two spoonfuls of purging mixture.

263.—Recipe, Pulveris Digitalis, granum dimidium

Pulveris Acaciæ, scrupulum unum Fiat pulvis, quartis horis sumendus, ægra interim conquiescente, et caput immotem tenente. Let a powder be made, to be taken every four hours, the (female) patient, in the meantime, being at rest, and keeping her head unmoved.

264.—Recipe, Hydrargyri cum Cretâ, grana decem

Pulveris Tragacanthæ, scrupulum dimidium

Fiat pulvis, statim sumendus, et exhibeatur sequenti luce portio purgans communis. Let a powder be made, to be taken immediately; and let a common purging draught be given the following morning.

265.—Recipe, Pulveris Potassæ Sulphatis, drachmam unam

Pulveris Rhei, scrupulum unum Misce. Fiat pulvis, in pulmento vel in poculo seri lactis vinosi, sumendus. Mix. Let a powder be made, to be taken in gruel, or in a cupful of wine whey.

Misce. Fiant pulveres duodecim, quorum capiat unum quartâ quâque horâ, superbibendo vini cujuslibet haustum, incipiendo immediatè post paroxysmum; interdicto interim enematum usu. Mix. Let twelve powders be made, of which let one be taken every four hours, drinking afterwards a draught of some kind of wine, beginning immediately after the paroxysm; the use of the enemata being in the meantime omitted.

267.—Recipe, Extracti Hyoscyami, drachmam. Fiant pilulæ duodecim, quarum sumatur una prore natâ, sub languore vel singultu. Let twelve pills be made, of which let one be taken occasionally during languor or hiccup.

268.—Recipe, Sodæ Potassio-Tartratis, sesquidrachmam

Cretæ præparatæ, semidrachmam Misce. Fiat pulvis in jusculo avenaceo tenuissimo sumendus. Mix. Let a powder be made, to be taken in very thin gruel.

269.—Recipe, Pilulæ Aloes cum Myrrhâ, drach-

mas duas

Fiant pilula viginti et quatuor, è quibus ingerantur tres, unâquâque mane ac nocte. Let twenty-four pills be made, of which let three be taken every morning and night.

270.—Recipe, Hydrargyri Submuriatis, grana quaterna

> Sacchari, grana sena Pulveris Antimonii Compositi, grana bina

Conterantur. Sumat vespere in Gelatina Ribesiorum. Let them be rubbed together. Let the patient take it (i. e. the powder) in the evening, in current jelly.

271.—Recipe, Zinci Sulphatis, scrupulum unum Confectionis Cynosbati, quantum sufficit

ad pilulas viginti fingendas, quæ deaurandæ sunt. As much as is sufficient to form twenty pills, which are to be gilded.

272.—Recipe, Cretæ præparatæ, scrupulum unum

Fiat pulvis, vel addendo syrupum zingiberis, bolus ad alvum contrahendam, mane sumendus. Let a powder be made, or by adding syrup of ginger, a bolus, to be taken in the morning, to bind the bowel.

273.—Recipe, Pilulæ Hydrargyri, scrupulum dimidium

Divide in duas partes; sumat unam statim, alteram, circa mediam noctem. Divide into two parts; let the patient take one immediately, the other about midnight.

274.—Recipe, Pulveris Ipecacuanhæ, scrupulum unum

Fiat pulvis emeticus, more solito sumendus. Operatione emetici peractâ, capiat Pulveris Rhei scrupulum unum. Let an emetic powder be made, to be taken in the usual manner. The operation of the emetic having ceased, let the patient take one scruple of powder of rhubarb.

275.—Recipe, Pulveris Calumbæ, drachmam unam

Pulveris Zingiberis, grana viginti Misce omnia, quæ dividantur in sex doses æquales, per sex dies continuos mane sumendas, tribus horis ante pastum. Mix them altogether, which let be divided into six equal doses, to be taken in the morning three hours before taking food, for six successive days.

276.—Recipe, Olei Crotonis, guttas octodecim Pulveris Glycyrrhizæ, quantum sufficit

ut fiant pilulæ sex et triginta, quarum exhibeantur duæ horâ decubitûs, quandoque alvus nimis solida fuerit, et augeatur seu minuatur dosis pro ratione effectûs. As much as may be sufficient that thirty-six pills may be made, of which let two be given at bedtime, whenever stools are too solid (i. e. whenever the bowels are too constipated); and let the dose be increased or diminished in proportion to the effect.

277.—Recipe, Pulveris Opii, granum unum Confectionis Rosæ, grana quatuor Fiat bolus vespere, si perstet diarrhœa, vel adsint tormina intestinorum, capiendus. Make a bolus, to be taken in the evening, if the diarrhœa continue, or if there be griping of the bowels.

278.—Recipe, Jalapæ Radicis Pulveris, unciam unam

Potassæ Bitartratis, uncias duas Seorsim duo permisce. Dosis à drachma dimidia ad drachmas sex, mane. Mix the two together. The dose is from half a drachm to six drachms, in the morning.

279.—Recipe, Extracti Gentianæ, drachmas quinque

in pilulas sexaginta dividendas. Dosis una vel duæ nocte maneque statim post cibum. To be divided into sixty pills. The dose (is) one or two, night and morning, immediately after taking food.

#### CHAPTER VI.

FORMS FOR LINCTUSES.

280.—Recipe, Olei Terebinthinæ, drachmas duas Mellis despumati, unciam

Misce: fiat linetus. Dosis cochleare parvum, nocte et mane, cum haustu cujusvis potûs tenuioris tepefacti. Mix: let a linetus be made. The dose is a teaspoonful night and morning, with a draught of any kind of weak warm drink.

281.—Recipe, Confectionis Sennæ, uncias quatuor

Sumat ad nucis juglandis magnitudinem. Let the patient take it to the size of a walnut.

282.—Recipe, Confectionis Rosæ, uncias duas Tincturæ Opii, drachmam unam Acidi Sulphurici diluti, drachmam dimidiam

Fiat electuarium, exactè invicem miscendo. Let an electuary be made, by mixing them accurately together.

283.—Recipe, Confectionis Rosæ caninæ, drachmas duas

Syrupi Aurantii, drachmas sex Olei Amygdalæ, drachmam unam

Misce, et fiat linctus, in olla fictili mittendus. Mix, and let a linctus be made, to be sent in an earthen pot.

284.—Recipe, Oxymellis Scillæ, drachmas tres Syrupi Papaveris, drachmas sex Pulveris Tragacanthæ compositi, drachmam unam Misce. Fiat linetus, cujus lambat æger pauxillum subinde. Mix. Let a linetus be made, of which let the patient take (lick) a little now and then.

285.—Recipe, Resinæ Guaiaci, drachmam unam Confectionis Rosæ, unciam unam Syrupi Aurantii, quantum sufficit

ut fiat electuarium, de quo capiat quantitatem nucis moschatæ majoris, bis indies. That an electuary may be made, of which let the patient take the size of a large nutmeg twice a day.

286.—Recipe, Confectionis Rosæ, uncias duas Acidi Sulphurici diluti, drachmam

Misce, et fiat linctus: capiat quantitatem castaneæ bis in die. Mix, and let a linctus be made: let the patient take the size of a chesnut twice a day.

287.—Recipe, Confectionis Sennæ, uncias qua-

Pulveris Potassæ Bitartratis, unciam dimidiam

Misce, et fiat electuarium. Capiat quantitatem nucis avellanæ vel moschatæ subinde, vel ter in die, paulò ante prandium. Mix, and let an electuary be made. Let the patient take the size of a filbert nut or nutmeg now and then, or three times a day, a little before dinner.

Syrupi simplicis, quantum sufficit ut fiat electuarium, quod decedente paroxysmate totum capere debet æger, ante accessum febris sequentem. As much as is sufficient that an electuary may be made, the whole of which the patient

ought to take when the paroxysm is over, and before the attack of the succeeding one.

289.—Recipe, Confectionis Sennæ, unciam unam Fiat linctus, sumendus subindè lambendo. Mittatur in narthecio. Let a linctus be made, to be taken occasionally by licking. Let it be sent in a gallipot.

290.—Recipe, Confectionis Rosæ, unciam unam Aluminis Pulveris, drachmam unam

Misce. Imponatur parvulum assiduò linguæ, ut solutum ibi oblinat et sic lente deglutiatur. Mix. Let a little very frequently be placed on the tongue, that, being dissolved there, it may diffuse itself (over the tongue), and thus be slowly swallowed.

291.—Recipe, Pulveris Uvæ Ursi, unciam unam Syrupi Aurantii, quantum sufficit ut fiat electuarium, debitæ spissitudinis, cujus molem nucis moschatæ, bis in die, paulatim delingat. As much as may be sufficient that an electuary may be made, of the proper thickness, of which let the patient swallow gradually the size of a nutmeg twice a day.

292.—Recipe, Aceti Colchici, uncias duas Mellis, uncias quatuor

Misce, et super leni foco, sæpius agitando cochleare ligneo, coque ad mellis spissitudinem. Hujus oxymellis sumat æger cochleare parvulum ter die. Mix, and boil over a slow fire, to the thickness of honey, frequently stirring with a wooden spoon; of this oxymel let the patient take a teaspoonful three times a day.

293.—Recipe, Menthæ viridis Foliorum recentium, uncias quatuor

Sacchari purificati, uncias duodecim

Folia mortario lapido contunde, tum adjecto saccharo, iterum contunde, donec corpus sit unum. Beat the leaves in a stone mortar, then, the sugar being added, again beat, until they unite into a mass.

294.—Recipe, Hujus Confectionis, scrupulos quatuor

Fiat bolus, statim sumendus, et tertiis horis repetendus, urgente ægritudine ventriculi. Let a bolus be made, to be taken immediately, to be repeated every third hour if the sickness be troublesome.

# CHAPTER VII.

FORMS FOR EXTERNAL APPLICATIONS, ETC.

295.—Recipe, Micæ Panis, libram Liquoris Plumbi Diacetatis diluti, quantum sufficit

ut madescat panis. As much as may be sufficient, that the bread may be rendered moist.

296.—Recipe, Conii Foliorum exsiccatorum, unciam

Coque ex aquæ octariis duobus cum semisse ad octarios duos, et cola: panni lanei hocce decocto calido madefacti, deinde expressi, parti affectæ imponantur et sæpius renoventur. Boil in two pints and a half of water to two pints, and strain:

let woolen cloths, moistened in this decoction, and then wrung out, be applied to the part affected, and frequently renewed.

297.—Vespere utatur pediluvio tepido. Let the patient use the tepid foot-bath in the evening.

298.—Recipe, Unguenti Hydrargyri fortioris,

Hujus unguenti affricetur drachma una femoribus internis ante focum singulis noctibus, donec ptyalismus cieatur. Let one drachm of this ointment be rubbed into the inner part of the thighs every night before the fire, until ptyalism be produced.

299.—Fricetur corpus, horâ decubitûs, aut lanâ vel strigile. Let the body be rubbed, at bedtime, with either a flannel or a brush.

300.—Recipe, Pyrethri Radicis contriti Mastiches, ana, drachmam

Fiant lege artis, ad ignem, masticatoria duo; teneat æger sæpius in ore, et manducet hujusmodi medicamentum, expuatque salivam. Let two masticatories be made, according to the rules of art, by [the aid of] heat: let the patient frequently hold a medicine of this kind in his mouth; let him chew it, and spit out the saliva.

301.—Suffiet æger fauces ejus cum vapore ex Acidi Sulphurici unciâ dimidiâ, cui primum adjunctæ fuerint Chloridi Sodii unciæ duæ. Let the patient fumigate his throat with vapor from half an ounce of sulphuric acid, to which should first be added two ounces of chloride of sodium.

302.—Recipe, Picis liquidæ, sesquiunciam Sulphuris sublimati, semiunciam Ceræ flavæ, unciam Lento igne liquefac, ut fiat unguentum. Melt by a gentle heat, that an ointment may be made.

303.—Recipe, Olei Olivæ, unciam Ceræ albæ, drachmas duas

Misce. Fiat linimentum, quocum illinantur partes denudatæ bis quotidie. Mix. Let a liniment be made, with which let the denuded parts be anointed twice a day.

304.—Inhaletur pulmonibus Ætheris Sulphurici vapor ter quotidie. Let the vapor of sulphuric æther be inhaled three times in a day.

305.—Recipe, Dauci Radicis, quantum sufficit Coque in aquâ ad aptam mollitiem; in pulpam deinde contunde. Boil in water to a proper consistence, then beat into a pulp.

306.—Recipe, Liquoris Plumbi Acetatis diluti, octarium

Lintea quadruplicata, hocce liquore frigido madefacta, partibus inflammatis applicantur, et sæpius renoventu. Let linen, four times folded, and moistened with this cold liquid, be applied to the inflamed parts, and renewed frequently.

307.—Recipe, Magnesiæ Sulphatis, unciam Juris avenacei, octarium dimidium Olei Olivæ, semiunciam, vel Butyri, vuantitatem juglandis

Misce pro enemate statim injiciendo. Mix for an enema to be injected immediately.

308.—Exscindatur pars morsa, et postea applicetur vulneri Potassa fusa. Let the bitten part be cut out, and fused potash afterwards applied to the wound.

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Misce. Fiat pulvis, cujus aliquantillum naribus insuffletur ante decubitum, ad sternutamentum excitandum. Mix. Let a powder be made, of which let a small portion be snuffled up the nostrils before lying down (i. e. bedtime), to excite sneezing.

310.—Inungatur hypochondrio sinistro scrupulus Unguenti Hydrargyri fortioris, undecimâ horâ ante meridiem, et quartâ post meridiem indies. Let a scruple of the stronger mercurial ointment be rubbed into the left hypochondrium at eleven o'clock in the forenoon, and at four o'clock in the afternoon daily.

311.—Recipe, Lapidis Calaminaris, drachmam Eo conspergantur partes adfectæ, sub quâlibet deligatione. Let the affected parts be sprinkled with it, under any bandage.

312.—Recipe, Liquoris Potassæ, drachmam Aquæ fontanæ, uncias sex

Misce. Hujus liquoris tepidi, quantum cavo capi potest, quotidie bis injiciatur in aurem ægram supinatam, ac detineatur per aliquot minuta, dein aure pronâ rursus emittatur. Mix. Let as much of this tepid liquor as can be taken by the hollow (the concha and meatus auditorius externus) be injected, twice a day, into the diseased ear (placed upwards), and let it be kept there for some minutes; then let it be afterwards evacuated, the ear being turned downwards.

313.—Recipe, Zinci Oxydi, drachmam Fiat pulvis, inclusus sindone rarâ; excutiatur super parte excoriatâ, prius detersâ. Let a powder be made, to be inclosed in fine linen; let it be sprinkled over the excoriated part, first cleansed.

- 314.—Recipe, Cretæ præparatæ, unciam. In partes excoriatas ex gossipio asperge. Sprinkle it from cotton on the excoriated parts.
- 315.—Admoveatur parti adfectæ spongiola aquâ calidâ imbuta. Let a small sponge, wetted with warm water, be applied to the part affected.
- 316.—Vesica suilla, aquâ calidâ ad dimidium repleta, admoveatur lateri dolenti; firmetur ligamine, tum superponatur sacculus arenâ calidissimâ plenus, qui frigescens iterum calefiat, aut ei mox substituatur alius jam calefactus. Continuentur hæc donec dolor remiserit. Let a pig's bladder, half filled with warm water, be applied to the painful side. Let it be fastened on by a band; then let a little bag, filled with very hot sand, be placed upon it, (and) which cooling, is again to be made hot, or let another already made hot be afterwards substituted for it. Let this be continued until the pain shall have abated.
- 317.—Cataplasma calidum, irroratum prius tantillo Spiritûs Camphoræ, applicetur cum pannis laneis parti adfectæ, et vesicâ suillâ oleo madefactâ detineatur; renovetur quolibet trihorio. Let a hot cataplasm, previously moistened with a little spirit of camphor, be applied, by means of woolen cloths, to the affected part, and let a pig's bladder, moistened with oil, be kept on (there): let it be renewed every third hour.
- 318.—Admoveatur calidum cataplasma parti affectæ, cum panno litteo quadruplicato. Let a hot cataplasm be applied to the part affected with linen four times folded.

319.—Recipe, Unguenti Hydrargyri Nitrico-Oxydi Unguenti Resinæ, ana, semiunciam

Misce. Fiat unguentum, quo leniter inungatur locus adfectus, ac dein tegatur Emplastro Plumbi, super alutam extenso. Mix. Let an ointment be made, with which let the affected place be slightly anointed, and then covered with lead plaster, spread upon leather.

230.—Recipe, Hydrargyri subchloridi, drach-

Adipis Suillæ, unciam unam

Misce. Super panhum linteum extende, et cuti affectæ applica. Mix. Spread [it] upon leather, and apply [it] to the affected skin.

321.—Hauriatur vapor calidus, ope infundibuli, in fauces. Let hot vapor be drawn into the fauces by means of a funnel.

322.—Recipe, Pulveris Opii, semidrachmam Unguenti Cetacei, unciam

Misce; fiat unguentum. Hujus pauxillo inungatur locus umbilici subinde; aut magnitudinis dimidia juglandis nucis, putamine decerpto, eidem loco adponatur. Mix. Let an ointment be made. With a little of this let the umbilical region be anointed now and then: or let a piece half the size of a walnut without its shell be applied to the same place.

323.—Recipe, Linimenti Saponis, unciam Liquoris Ammoniæ, drachmas quatuor

Misce. In languore aut paroxysmo hysterico illinatur naribus, temporibus et cæteris, hujus linimenti paululum. Mix. Let a little of this liniment be rubbed on the nostrils, temples, &c., in languor, or in the hysteric paroxysm.

324.—Recipe, Hydrargyri Chloridi, grana decem Acidi Hydrochlorici, semidrachmam

Aquæ Rosæ, uncias decem

Misce. Tantillo hujus liquoris laventur mane et vespere, partes infestatæ. Mix. Let the infested parts be washed, morning and evening, with a little of this liquor.

325.—Recipe, Pulpæ Colocynthidis, drachmam Olei Olivarum, unciam

Misce, et coque leni igne, donec pulpa torqueri videatur; dein massam adhuc calentem cola, et cum eâ illinatur abdomen, et præcipuè umbilici regio. Mix, and boil over a slow fire, until the pulp appears to be crisp; then strain the mass while hot, and let the abdomen, and especially the umbilical region, be anointed with it.

326.—Recipe, Zinci Oxydi, drachmam Aquæ Rosæ, uncias octo

Misce. Fiat collyrium, quo concusso imbutum linteum quadruplicatum imponatur oculo adfecto. Mix. Let a collyrium be made, with which, when shaken up, quadruplicate linen is to be moistened and applied to the affected eye.

327.—Recipe, Unguenti Hydrargyri Nitratis, unciam

Cerati Saponis, unciam dimidiam Hujus tantillo illinantur palpebræ omni vespere, cubitum ituro, ope plumæ mollis. Mix. Let the eyelids be anointed, by means of a soft feather, with a little of this, every evening, when the patient is about to go to bed.

328.—Recipe, Tincturæ Cantharidis, unciam dimidiam

Linimenti Saponis, sesquiunciam Misce. Fiat linimentum, quo partes adfectæ perfricandæ sunt, et postea tegantur lanulâ. Mix. Let a liniment be made, with which the affected parts are to be rubbed; and afterwards let them be covered with flannel.

329.—Recipe, Camphoræ drachmam Olei Amygdalarum, unciam

Misce, et instilla guttas quatuor auri pro re natâ. Mix, and occasionally let four drops fall into the ear.

330.—Recipe, Extracti Opii, grana decem
Tincturæ Castorei, drachmam
Misce, et applicetur paululum auri affectæ omni
nocte cum gossipio. Mix, and let a little be applied
with cotton to the affected ear every night.

331.—Recipe, Linimenti Saponis, unciam Tincturæ Opii, drachmam

Misce. Fiat linimentum, cum panno laneo faucibus externis applicandum. Mix. Let a liniment be made, to be applied with a woolen cloth to the external fauces.

332.—Recipe, Olei Amygdalæ, unciam Camphoræ, drachmam

Misce pro linimento, quocum tangantur papillæ ter quaterve in die. Mix, for a liniment, with which let the nipples be touched three or four times a day.

333.—Recipe, Acidi Sulphurici diluti, drachmam Solutionis Aluminis compositæ semiunciam

Aquæ puræ, uncias sex

Probe commisceantur. Indatur nari ex quâ sanguis stillat, turunda ex linteo raso, humectata hoc liquore et relinquenda illic per dies duos. Let them be well mixed. Let a pellet of scraped linen [i.e. lint], moistened with this liquor, be placed in the nostril from which the blood flows, and left there for the space of two days.

334.—Recipe, Florum Sambuci, libras duas Coque in Aquæ libris quatuor. Foveantur eo decocto, sæpius in die, caput, facies, oculi, aliæque partes erysipelate tentatæ. Let the head, face, eyes, and other parts affected with erysipelas, be fomented with this decoction frequently during the day.

335.—Recipe, Decocti Hordei, libram dimidiam Magnesiæ Sulphatis, uncias duas Fiat enema, urgente tenesmo, injiciendum. Let an enema be made, to be injected when the tenesmus is troublesome.

336.—Recipe, Tincturæ Lyttæ, drachmas quatuor

Liquoris Ammoniæ, unciam

Misce; fiat linimentum, quo guttur et postera pars colli perfricanda sunt, donec vesicæ appareant, dein desiste per diem, et applica Unguentum Cetacei. Mix. Let a liniment be made, with which the throat and posterior part of the neck are to be rubbed until vesicles appear; then desist for a day, and apply spermaceti ointment.

337.—Recipe, Farinæ Lini, libram

Aquæ bullientis, quantum sufficit ut fiat cataplasma, admovendum calidè loco adfecto; renovetur quater de die; cùm arescat, tantillo butyri insulsi emolliatur. That a cataplasm may be made, to be applied hot to the part affected; let it be renewed four times in the day; when it becomes dry, let it be softened by a little fresh (i. e. unsalted) butter.

338.—Admoveantur lintea aquâ frigidâ madefacta, vel, si fieri possit, glacies, raso capiti. Let linen wetted with cold water, or, if it can be done, ice, be applied to the shaven head.

339.—Recipe, Micæ Panis, duas libras
Tincturæ Lyttæ, uncias duas
Decocti Papaveris, quantum sufficit

ut fiat cataplasma. Applica hoc ad cutem per horæ dimidium, aut tamdiu donec inflammationem satis magnam excitatam, dolor fervidus, et rubor partis tumentis testentur. Apply this to the skin for half an hour, or at least until the intense pain and redness of the swollen part show that sufficient inflammation has been excited.

340.—Recipe, Calaminaris Pulveris, unciam Cretæ præparatæ, semunciam

Fiat pulvis. Intra linteum consutum applicatur, renovando simul ac maduerit. Let a powder be made. Let it be applied, sewed up in linen, and renewed as soon as it becomes moist.

341.—Recipe, Pulveris Opii, grana quinque Saponis, drachmam

Misce, et fiat suppositorium, post alvum exoneratam applicandum. Mix, and let a suppository be made, to be applied after the bowels have been evacuated.

342.—Foveantur gingivæ aquâ calidâ. Let the gums be fomented with hot water.

343.—Recipe, Infusi Rosæ, uncias sex
Acidi Sulphurici diluti, drachmam
Misce. Colluantur fauces hoc gargarismate. Mix.
Let the fauces be washed with this gargle.

344.—Recipe, Olei Olivæ, unciam

Liquoris Potassæ, drachmas duas Misce. Fiat linimentum; hujus pauxillo oblinatur abdomen bis tervè quotidie. Mix. Let a liniment be made, with a little of which let the abdomen be anointed twice or three times daily.

345.—Recipe, Magnesiæ Sulphatis, unciam Tincturæ Opii, guttas viginti quinque Jusculi, semilibram

Fiat enema. Injiciatur horâ somni tertiâ quâque nocte, ad tres vices, dein repetatur alternis noctibus usque ad quartam vicem, si opus sit. Let an enema be made. Let it be injected every third night, for three times; then let it be repeated every other night, until the fourth time, if necessary.

346.—Recipe, Unguenti Hydrargyri Nitratis, unciam dimidiam

Unguenti Cetacei, unciam Misce. Hujus unguenti, pauxillum, ope penicilli camelini, oculo affecto applicetur nocte et mane. Mix. Let a little of this ointment be applied to the affected eye, by means of a camel's-hair pencil, night and morning.

347.—Recipe, Aluminis, scrupulum
Cretæ præparatæ, drachmam
Misce diligentissimè, ut fiat pulvis, cujus inspergatur pauxillum super mamillas pro re natâ. Mix

very carefully, that a powder may be made, of which let a little be occasionally sprinkled upon the nipples.

348.—Admoveatur Extractum Belladonnæ supercilio et regioni supra-orbitali vespere. Let the extract of deadly nightshade be applied in the evening to the eyebrow and the supra-orbital region.

349.—Recipe, Hydrargyri subchloridi, grana duo

Sacchari albi, scrupulum

Fiat pulvis, cujus parum infletur, ope calami, in oculum affectum, semel vel bis in die. Let a powder be made, of which let a little be blown into the affected eye, by means of a quill, once or twice in a day.

- 350.—Recipe, Radicis Dauci, libram Coque in aquæ fontanæ quanto sufficit, et per setaceum trajice pulpam, cui adde unciam dimidiam adipis, ut fiat cataplasma, calidè adhibendum. Boil in a sufficient quantity of spring water, and pass the pulp through a sieve, to which [i. e. the pulp] add half an ounce of lard, that a cataplasm may be made, to be applied hot.
- 351.—Vespere appropinquante, si opus sit, injiciatur clysma heri præscriptum. Let the clyster, prescribed yesterday, be injected the approaching (i. e. next) evening, if necessary.
- 352.—Fiat setaceum ad medium brachium. Let a seton be made in the middle of the arm.
- 353.—Foveantur artus cum Decocto Anthemidis. Let the joints be fomented with decoction of chamomile flowers.
- 354.—Recipe, Conii Foliorum, uncias duas Aquæ ferventis, libras duas Colatum sit pro fotu, qui cum pannis laneis parti

affectæ admoveatur mane horis duabus antequam è lecto assurgat, et nocte post decubitum, donec symptoma penitus evanuerit. Let it be strained for a fomentation, which let be applied with woolen cloths to the affected part for two hours in the morning before the patient gets up, and at night after going to bed, until the symptom shall have entirely vanished.

355.—Recipe, Tincturæ Opii, drachmam Linimenti Saponis, unciam

Fiat linimentum, cum quo benè fricentur tempora et detonsum caput. Let a liniment be made, with which let the temples and shaved head be well rubbed.

- 356.—Inhalet singulis noctibus, in lecto, vaporem aquæ calidæ, cui, tempore usûs, adde cochlearia duo minima Ætheris rectificati. Let the patient inhale the vapor of warm water every night in bed, to which [i. e. the water], at the time of use, add two teaspoonfuls of rectified ether.
- 357.—Exploretur vesica urinaria, ope catheteris, et extrahatur urina. Let the urinary bladder be explored by means of the catheter, and let the urine be drawn off.
- 358.--Colluantur os et gingivæ bis tervè in die cum Tincturæ Myrrhæ guttis viginti in aquæ tepidæ cyatho. Let the gums be washed twice or thrice a day with twenty drops of tincture of myrrh, in a cupful of warm water.

359.—Recipe, Hydrargyri Oxidi cinerei, scrupulum, vel

Hydrargyri Bisulphureti, semidrachmam

Fiat pulvis pro fumigatione faucibus internis, omni

nocte more solito, adhibendus. Let a powder be made for a fumigation to the internal fauces, to be used every night in the accustomed manner.

- 360.—Fiat fonticulus crure, infra vel supra genu. Let an issue be made in the leg, below or above the knee.
- 361.—Instituatur paracentesis abdominis et educatur aqua. Let tappiny of the belly be performed, and let the water be drawn off.
- 362.—Affricetur parti affectæ singulis noctibus Unguenti Hydrargyri fortioris, magnitudo fabæ equinæ; deinde applicetur cataplasma ex Liquore Plumbi Acetatis diluta, Micâ Panis et Farinâ Lini. Let the size of a horsebean of strong mercurial ointment be rubbed into the part affected every night; then let a cataplasm of dilute solution of acetate of lead, with crumb of bread and linseed meal, be applied.

363.—Recipe, Argenti Nitratis, scrupulum Aquæ destillatæ, uncias sex

Fiat mistura, et cum hâc illinantur partes affectæ singulis noctibus horâ somni, prius detersæ; vel linteum in eâdem madefiat, et per totam noctem gestetur. Let a mixture be made, and with this let the parts affected, first cleansed, be anointed every night at bedtime; or let linen be moistened with the same, and worn during the whole night.

364.—Utatur balneo, ad gradum nonagesimum calefacto, bis in septimanâ. Let the patient use twice a week a water bath heated to ninety degrees.

365.—Recipe, Fellis Bovis, uncias duas Olei Amygdalarum, semiunciam Misce. Fiant guttæ acousticæ, bis die applicandæ. Mix. Let the acoustic (i. e. for the ear) drops be made, to be applied twice a day.

- 366.—Utatur æger equitatione subinde, si fieri possit. Let the patient use horse exercise now and then, if possible.
- 367.—Mittatur fistula armata. Let an armed clyster-pipe (i. e. pipe and bladder) be sent.

368.—Recipe, Zinci Sulphatis, scrupulum Aquæ puræ, uncias sex

Misce. Fiat injectio, quæ ex siphone eburneo in urethram injiciatur mane et nocte. Mix. Let an injection be made, which let be injected from an ivory syringe into the urethra morning and night.

369.--Recipe, Liquoris Ammoniæ Acetatis, un-

Ammoniæ Hydrochloratis, drachmas duas

Aquæ, libram

Fiat lotio, nocte, cubitum ituro, tumoribus applicanda. Mitte libras duas cum directione propriâ. Let a lotion be made, to be applied to the tumors at bedtime. Send two pounds, with a proper direction.

- 370.—Fiat fonticulus purulentus ad medium brachium, ope Potassæ fusæ. Let an issue be made in the middle of the arm by means of fused potash.
- 371.—Cautè tangantur clavi Acido Sulphurico, ope penicilli; dein tegantur Emplastro Plumbi. Let the corns be cautiously touched with sulphuric acid by means of a pencil, then let them be covered over with lead plaster.

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372.—Recipe, Unguenti Cetacei, unciam unam Pulveris Opii, scrupulum dimidium

Fiat unguentum, cujus paululum pro re natâ applicetur, urgente ani prurigine. Let an ointment be made, of which let a little be occasionally applied when itching of the anus is troublesome.

373.—Recipe, Linimenti Camphoræ, sesquiunciam

> Tincturæ Cantharidis, unciam dimidiam

Misce. Fiat linimentum, quocum fricetur pars affecta ter quatervè indies. Mix. Let a liniment be made, with which let the part affected be rubbed three or four times in a day.

374.—Recipe, Nicotianæ, drachmam

Aquæ communis, octarium

Coque per sextam partem horæ et cola; adde liquori Sodæ Sulphatis, uncias duas

Solve, et fiat enema, statim injiciendum, contra insultus apoplecticos vel affectus soporosos adhibendum. Dissolve, and let an enema be made, to be applied immediately, to be used against apoplectic attacks or soporific affections.

- 375.—Mitte Emplastrum Galbani super alutam inducendum. Send a galbanum plaster, spread upon leather.
- 376.—Adhibeatur lavatio, frigida vel tepida, prout ægro gratius erit. Let either cold or tepid washing be used, according as it may be more agreeable to the patient.
- 377.—Capilli radantur, et caput postea panniculo lotione frigidâ imbuto circumdetur. Let the hair

[of the head] be shaved off, and afterwards let the head be surrounded with a cloth moistened with the cold lotion.

378.—Recipe, Hydrargyri Bichloridi, grana decem

Misce. Hoc liquore, ter de die, injiciatur ulcus, ope siphonis; post singulas injectiones materia relinquatur intra ulcus, et coerceatur per dimidium horæ, clausis omnibus aperturis; tumque externè prematur leniter ulcus, ut liquor ejectus per omnes sinus et meatus propellatur. Mix. Let the ulcer be injected with this liquor three times in a day, by means of a syringe: after each injection let the matter (liquid) be left within the ulcer, and let it be kept there for half an hour, all the apertures being shut; and then let the ulcer be lightly pressed externally, that the ejected liquor may be propelled through all the sinuses and passages.

379.—Recipe, Decocti Malvæ compositi (cum Fæniculi Seminum contusorum drachmis tribus), uncias quatuordecim

Fiat enema, statim tepidè injiciendum. Let an enema be made, to be immediately injected warm.

OF SOME OF THE PRINCIPAL SUBJECTS, TERMS, AND EXPLANATORY NOTES.

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