

Elements of the practice of physic, for the use of those students who attend the lectures read on this subject at Guy's Hospital / [By William Saunders].

Contributors

Guy's Hospital.
Saunders, William, 1743-1817.

Publication/Creation

[London] : [publisher not identified], [1798]

Persistent URL

<https://wellcomecollection.org/works/ym9xms3b>

License and attribution

This work has been identified as being free of known restrictions under copyright law, including all related and neighbouring rights and is being made available under the Creative Commons, Public Domain Mark.

You can copy, modify, distribute and perform the work, even for commercial purposes, without asking permission.

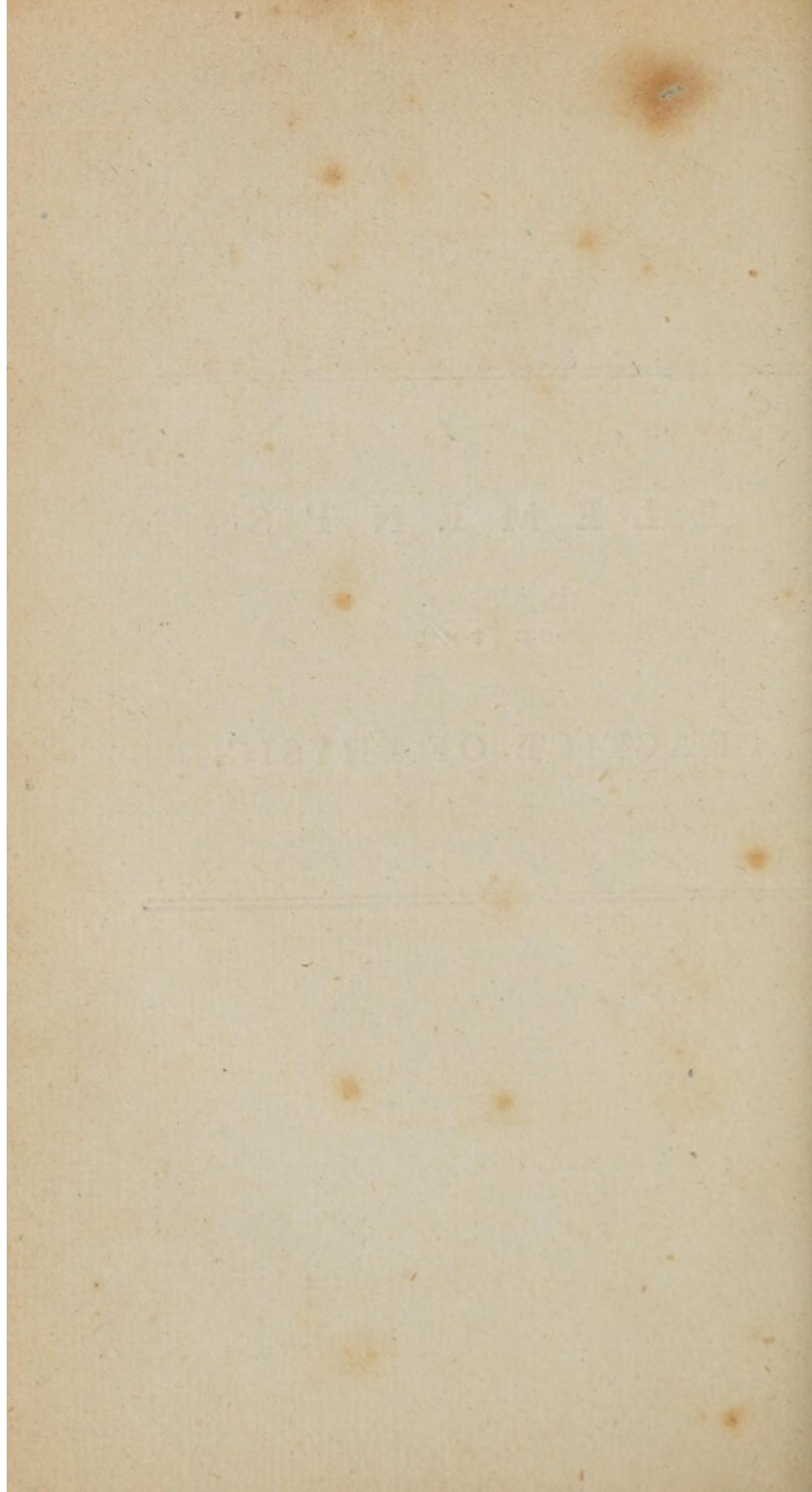


Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

E L E M E N T S

OF THE

PRACTICE OF PHYSIC.



ELEMENTS
OF THE
PRACTICE OF PHYSIC,
FOR THE USE OF THOSE
STUDENTS
WHO ATTEND THE LECTURES READ ON
THIS SUBJECT
AT GUY'S HOSPITAL.

PRINTED IN THE YEAR

1798.

ELEMENTS

OF THE

PHYSICS OF PHYSIC

STUDENTS

OF THE

AT THE UNIVERSITY

OF THE

C O N T E N T S.

	Page
O F General Pathology	1
Of the General Doctrine of Fever	10
Of the General Cure of Fever	15
Of the Inflammatory Fever	22
Of the Nervous Fever	24
Of the Malignant, Petechial, or Putrid Fever	27
Of Intermittent Fevers	32
Of Inflammation in General	35
Of the General Cure of Inflammation	38
Of Phrenitis	41
Of Ophthalmia	42
Of the Inflammatory Angina	44
Of the Malignant Angina	45
Of Angina Trachealis	46

CONTENTS.

	Page
Of Peripneumony and Pleurisy	47
Of Phthisis Pulmonalis	49
Of Inflammation of the Stomach	54
Of Inflammation of the Intestines	55
Of Inflammation of the Liver	56
Of Inflammation of the Kidney	58
Of Strangury	59
Of Rheumatism	61
Of the Gout	63
Of Erysipelas	66
Of the Small-Pox	69
Of the Measles	75
Of the Dysentery	77
Of Cholera	80
Of Hæmorrhagy	81
Of the Scurvy	85
Of the Dropsy	87
Of the Asthma	90
Of Indigestion	92
Of the Piles, or Hæmorrhoids	94
Of Jaundice	95
Of the Diabetes	97
Of Calculous Concretions in the Kidney and Bladder	ib.

CONTENTS.

	Page
Of the Cholic	100
Of Apoplexy	102
Of Palsy	104
Of Epilepsy	106
Of Chorea Sancti Viti, or St. Vitus's Dance . .	108
Of Tetanus, Opisthotonos, and Emprosthotonos .	109
Of Hysteria and Hypochondriasis	110
Of Insanity	112
Of the Venereal Disease	115

101	.....	101
102	.....	102
103	.....	103
104	.....	104
105	.....	105
106	.....	106
107	.....	107
108	.....	108
109	.....	109
110	.....	110
111	.....	111
112	.....	112
113	.....	113

E L E M E N T S

OF THE

PRACTICE OF PHYSIC.

INTRODUCTION.

THE human body is so constructed, that by the application of morbid causes, the nervous power, or living principle, is excited into more vigorous and frequent action, by which these causes are removed, the vitiated state of the fluids corrected, and obstructions of the viscera or other organs resolved. Diseases are then said to be cured by nature, or the spontaneous efforts of the animal œconomy.

PATHOLOGY.

The efforts of the living principle are either universal or particular.

UNIVERSAL, when the whole vascular system is excited into increased action by a general irritation.

PARTICULAR, when the irritation is slight, and confined to a part.

Regular and successive efforts are necessary for the cure of many diseases, and when not interrupted, require a given time for that purpose.

The powers of nature are chiefly deficient in the cure of chronic diseases, as Palsy, Dropsy, Hypochondriacal complaints, &c. &c. In such diseases, the efforts of the animal œconomy are too weak and languid.

In some diseases the encreased action of the body is even hurtful, and may require to be moderated; as in calculous cases, in inflammation of the stomach and intestines, &c.

Hence a judicious physician is not always to be considered as the servant of nature, but frequently as her counsellor, and should employ his art to supply and correct her defects.

A knowledge of such principles as direct to the most successful indications in the cure of diseases, are derived from,

1. An accurate investigation of the proximate and remote causes of disease.

2. From general experience, the history of diseases, and the success of particular remedies, even though their operation or mode of action cannot be explained from any known laws of the animal œconomy.

In order to cure a disease, it becomes sometimes necessary for the physician to know the constitution, or peculiar temperament of his patient.

Such parts of the body as are naturally weak, require particular attention in the course of a disease.

A physician frequently does more good by quieting symptoms, than by exciting violent movements in the body.

The art of observing consists in attending to the time, and succession of the efforts of nature, especially in acute

diseases; in chronic, to the operation of remedies, and in distinguishing between the effects of the disease, and the remedies employed.

The cure of a disease should be chiefly attempted either in its beginning, periods of remission, or intermission, and not in the paroxysm, unless with a view to palliate urgent symptoms.

Remedies should be always adapted to the state of the patient; gentle means are to be used in weak habits; more powerful and active remedies in stronger habits: nothing is to be attempted by sudden and violent means, which may, with equal safety, be affected by milder remedies; but in desperate cases, desperate remedies are to be employed.

A few active remedies, the efficacy of which has been established by experience, are to be preferred to the more doubtful and compounded: and in chronic disorders, remedies of approved efficacy, are not to be frequently changed, unless some new indications of cure occur from an alteration in the state of the disease.

The same disease, in different persons, cannot always be cured by the same remedy. The venereal disease, though attended with the same symptoms in different persons, will not yield to the same preparation of mercury; hence arises the necessity of trying new remedies, and of employing even different preparations of the same remedy.

In the application of remedies the season of the year is to be attended to.

In spring and summer, visceral obstructions, and many other chronic affections, are more easily removed, than in autumn and winter.

It is the duty of a physician to divert the force of a disease from the vital organs, to parts less necessary to life.

There are certain periods of disease when evacuations are most successfully excited, either by nature or art; profuse and early sweating in fevers gives no relief, but moderate sweating in a more advanced stage of the disease, often promotes recovery: hence is founded the idea of concoction, so much talked of by Sydenham.

It becomes frequently necessary to quiet urgent symptoms, though the remedies employed should be contraindicated by the cause of the disease; in inflammatory cases, this often prevents difficulties in the use of opium.

Critical evacuations are not to be checked nor interrupted, nor are remedies to be employed, which may excite other movements in the body at such critical periods.

In acute disorders, or during much pain, food is in general to be avoided, because it rather degenerates into a corrupted state than affords nourishment.

The more the strength of the body is impaired, the lighter should be the food, and of more easy digestion; it should be taken frequently, and in small quantities; on the contrary, the more strength the patient has, he may indulge with the greater safety in the use of solid and more nutritious aliment.

A disease is the impeded action of any function of the body.

The practice of medicine may be distinguished into PATHOLOGY, and THERAPEUTICS.

PATHOLOGY, includes a knowledge of the causes of diseases, their symptoms, seat, crisis, diagnosis, and prognosis.

THERAPEUTICS comprehends the administration of remedies for their cure.

The causes of disease are predisposing, exciting, and proximate.

OF PREDISPOSING CAUSES.

1. Debility, by whatever means induced.
2. The diseased conformation or figure of the body.
3. The increased or diminished elasticity of the simple solids.
4. The more or less irritable state of the nervous system.
5. The qualities of the blood, and other fluids of the body.
6. The hereditary state of the body, favouring particular diseases in different periods of its growth.
7. The nature of preceding disorders.
8. The period of life, whether that of an infant, the adult, &c. &c.
9. The sex of the patient.

OF EXCITING CAUSES.

1. Violent passions of the mind, such as anger, love, grief, fear, shame, envy, joy.
2. A studious and anxious life, watchfulness, &c. &c.
3. Poisons, or the abuse of violent and active remedies.
4. Different qualities in the atmosphere, either sensible or latent; MIASMATA or CONTAGION.

5. A defect, or suppression of natural evacuations.
6. Errors in diet, either from the quantity or quality of our food.
7. Mechanical injuries.

These have been also called remote or occasional causes.

OF PROXIMATE CAUSES.

By the proximate cause is meant the real state of the diseased organ.

A knowledge of this subject can only be derived from

1. An investigation of the nature and powers of the more remote causes.
2. A careful attention to the symptoms, and the order of succession in which they occur in diseases.
3. The effects of the remedies employed.
4. The dissection of morbid bodies.

In this last case we should carefully distinguish between the effects and cause of the disease.

The investigation of proximate causes is most difficult, and the science of medicine is, in this respect, extremely imperfect.

Much best to define disease by symptoms

OF THE SYMPTOMS OF DISEASES.

The præternatural phenomena which occur during a disease, are called symptoms.

These are either felt by the patient, or observed by the physician.

The effects which immediately arise from morbid causes, are called the symptoms of the cause.

These symptoms may produce others, which are called the symptoms of the symptoms.

Every symptom points out a diseased state of some of the functions, either the *vital*, *natural*, or *animal*.

The symptoms of diseases, in the order they appear, and the circumstances which may operate in the animal œconomy, in diversifying their appearance, or rendering them anomalous, should be carefully observed.

All symptoms are to be explained from the action of the proximate cause, or the re-action of the living principle in the animal œconomy, excited with a view of expelling or destroying whatever is inimical to the body.

Many symptoms of diseases are to be explained by the law of sympathy.

OF THE CRISIS OF DISEASES.

By the crisis of a disease is meant a sudden change, either into health, or death.

A crisis is more perceptible in acute than in chronic diseases.

In acute diseases, an exacerbation of symptoms frequently precede the most favourable crisis, terminating in some sensible evacuations, which procure relief to the patient.

Evacuations, which are accompanied, or immediately followed, by a relief of symptoms, are favourable and critical, but not otherwise.

It was the opinion of Hippocrates, and is now that of many learned and judicious physicians, that critical days or periods may be accurately marked

from their regular and periodical returns, especially in acute diseases, and even in the fevers of our own country.

The critical days of continued fevers, are the 3d, 5th, 7th, 9th, 11th, 14th, 17th, 20th.

This doctrine is confirmed by the united testimony of De Haen and Cullen.

The regular course of nature may be interrupted, accelerated or retarded, by various circumstances in the animal œconomy, as well as by the injudicious practice of the physician.

OF THE DIAGNOSIS.

The Diagnosis is that part of pathology which treats of the specific agreement, or disagreement of symptoms, by which diseases may best be distinguished from one another.

This is of the utmost importance, and supposes an intimate knowledge of the leading and characteristic symptoms of all diseases.

OF THE PROGNOSIS.

This is the science of signs, by which we may foretell the event, or issue of a disease.

This supposes long experience, and contributes much to the reputation of the physician.

In this branch of pathology, Hippocrates and the ancients acquired great reputation.

The prognosis is by no means conjectural, when founded on accurate observation and experience.

In forming an accurate prognosis, we must recollect our former observations in similar disorders; the effect of the disease in the same person at a former period; the degree of *vis vitæ* remaining; the importance of the organ affected to the life of the patient.

It is also of consequence to attend to the patient's age and sex, together with his former state of health; to the influence of climate, or prevailing contagion, and the period of the disorder, as the same symptoms occurring at different periods, are accompanied with more or less danger.

Symptoms of danger are more fallacious in acute than in chronic disorders.

The nature of critical discharges, and the symptoms usually preceding them, deserve our notice.

*Fever divided into Idiopathic and
Symptomatic*

PART I.

OF THE

GENERAL DOCTRINE OF FEVER.

IN every fever there is some degree of chilliness, increase of heat, frequency of pulse, and diminution of strength in the animal functions.

The phenomena in common to all fevers, which direct to an investigation of their causes, are best illustrated by observing the paroxysm of an intermittent fever.

SYMPTOMS OF THE COLD STAGE.

Languor and sense of debility; paleness in the face and extremities; a contraction of the skin and vessels on the surface of the body; a sense of coldness in the back, diffused over different parts of the body; a tremor terminating in rigor; great insensibility; dryness of the mouth; pale urine; costiveness; a diminution of the usual secretions; a small irregular pulse; anxiety; oppression at the præcordia; sometimes cough and dyspnoea; often drowsiness and stupor.

The intellectual functions are frequently impeded.

The symptoms of the cold stage constitute the essence of the disease; they are the effects arising more immediately from the action of the proximate cause; and they

are the means of producing that re-action of the system which terminates in the succeeding stage of the paroxysm.

SYMPTOMS OF THE HOT STAGE.

The sense of cold becomes less violent; a heat greater than natural prevails, and arising from the præcordia, is diffused over the whole body, at first irregularly by alternating flushes, becoming more intense and permanent; the colour of the skin returns, with tension and redness; the features of the face, and other parts of the body, recover their usual size; head-ach; a pain in the back, and often in the extremities; urine high coloured, with a strong hard pulse.

The symptoms of the hot stage terminate in the crisis, resolution of the fever, or sweating stage.

THE SWEATING STAGE.

The pulse becomes free and large; the organs of secretion are relaxed; the circulation is free and pervious on the skin, producing softness, and moisture; the urine deposits a sediment; the belly is open; the functions of the mind and the sensibility of the body are restored.

Though we have pointed out the ordinary course of symptoms which occur in the paroxysm of an intermittent fever, yet it is seldom that all these symptoms are present in the same person, and circumstances frequently happen which pervert the order of them, and render them anomalous.

In continued fevers, there is a disposition to regular paroxysms, but they are seldom so complete as to terminate in perfect intermissions; they generally however assume remitting appearances, and the periods of remission are often regular and steady.

This has given rise to the distribution of fever into continued, remittent, and intermittent.

THE REMOTE CAUSES OF FEVER.

They are such, as in consequence of acting on the moving powers, induce the cold fit.

Of these are *MIASMATA* and *CONTAGION*: of the first, are the effluvia of marshy and moist grounds; chiefly occurring in warmer climates, in a degree however in all countries, and producing the same fevers, only differing in their degree of violence.

The number of contagions is small, each retains the same character in all countries, and is of one specific nature, producing a variety of effects, only when influenced by season, climate, the habit of body and other accidental causes.

The variolous and morbillous matter is to be referred to the head of contagion, and probably the effluvia of the human body in gaols and confined situations.

Contagions are most active when applied directly from their sources or fomites, the atmosphere assisting greatly to destroy or render them inoffensive.

Another frequent remote cause of fever is *COLD*.

It acts by inducing spasm on the surface of the body,

particularly in those, the vigour of whose circulation has been considerably weakened.

According to the state of the habit to which it is applied, it is capable of producing inflammatory diathesis, as in the case of rheumatism, in others it produces catarrh, and in many continued fever.

When applied in an extreme degree, so as to exert its sedative powers, it extinguishes life, and produces gangrene.

Other remote causes of fever, are the sedative passions of fear, grief, and anxiety.

Intemperance in drinking and venery assist in producing fever, especially when favoured by the concurrence of miasmata, contagion, and the action of other sedative powers.

Retention of putrid and acrid matter in the *primæ viæ*, from indigestible or corrupted food, or fæces in the intestines, concur in the production of fever.

Direct stimulants, though they increase the pulse, and animal heat, are seldom capable of producing fever.

OF THE PROXIMATE CAUSE OF FEVER.

IN attending to the symptoms of languor and debility preceding the cold fit, and to the succession of the three stages of an entire paroxysm, we may suppose that cause and effect are in the same order, viz ; that the debility induced, favours the spasm on the skin, which is productive of the cold fit ; that the cold fit is the cause, by its effect on the heart and arteries, of promoting that excitement, or greater action of the vascular system,

which is productive of the hot fit, and that the resistance is overcome by the hot fit, which terminates in the restoration of secretion, both on the surface of the body, and the other organs of secretion in the system.

It therefore appears that the most frequent occasional causes of fever produce primarily a sedative effect, and that that effect becomes a stimulus in the system, exciting more action in the heart and arteries.

We suppose, therefore, that in every fever there is a power applied to the body, which has a tendency to destroy it; but that the *VIS MEDICATRIX NATURÆ* is roused to obviate such noxious powers, or to correct and remove them: so that in fevers it may be said that there are two powers acting, the one of a sedative nature, the other stimulant.

In every fever there is a tendency to certain regular or periodical movements, attended with obscure marks of remission and exacerbation, even in the most continued. These remissions differ in the frequency of their return, producing the variety of quotidian, tertian, or quartan periods, according to the intervals of paroxysms.

OF THE PROGNOSIS IN FEVER.

This will depend on the prevalence of morbid or salutary symptoms; how far the excitement in the system is adequate to remove the noxious power, or how far it is properly directed to that part of the body, by the action of which the resolution of the disease is best effected.

If the excitement, or re-action, be too violent, as in

inflammatory fever, it often destroys the vital power and organization of the part; this is a frequent cause of death, especially affecting the brain in continued fevers.

The action of the sedative power, particularly in the case of contagion, tends to extinguish the vital principle, by acting on the nerves, and inducing symptoms of debility.

In such cases as are denominated putrid, the alteration of the texture of the blood, and weakness of its vessels, are productive of profuse hæmorrhage, effusions under the skin, petechiæ, and other malignant eruptions, accompanied by a disposition to gangrene.

The symptoms which evidently point out the prevalence of danger, compared with the salutary symptoms, will be considered in treating of particular fevers.

In forming a judgment of the event of a disease, attention should be paid to the remissions, the regular movements, and the critical days, which in most cases are accompanied with some sensible change in the secretions, the pulse, or the state of the head.

An exacerbation of symptoms frequently precedes a salutary and happy crisis.

OF THE GENERAL CURE OF FEVER.

In the cure of fever, our attention should be first directed towards moderating any irritation, which may increase the disease, or disturb the regular and salutary periods.

1. All disagreeable and violent impressions on the mind are to be avoided.

2. The stimulus of external heat is to be removed, as well by keeping the patient in a large and airy room, as by diminishing the quantity of bed-clothes.

3. The exercise of the body, or the exertion of muscular power, as in speaking; even the stimulus of light, is to be avoided, as they increase debility in weak habits.

4. The food should be vegetable, ascescent, and of the easiest digestion; the best drink is water acidulated; and, in general, all fermented liquors, except small beer, should be forbidden.

The usual symptoms of fever are increased by the introduction of food or nourishment into the body, especially of animal food; therefore the anxiety generally expressed on that occasion is ill founded.

5. When the *primæ viæ* are preternaturally loaded with corrupted matter, or accumulated fæces, the stomach and intestines are to be emptied by the use of *Formul. Select.* No. 174. An early attention to this particular will not only remove such morbid and irritating matter, but likewise moderate the inflammatory diathesis of the system, and render bleeding and other evacuations less necessary.

In the general cure of fevers we should be regulated by an attention to the symptoms of violent action, debility, and tendency to putrescency in the animal fluids.

The symptoms of violent action are increased force; hardness, and frequency in the pulse, which often particularly determines to the brain, lungs, and other important viscera, producing a sense of local pain and congestion; the secretions are generally very high coloured. Such symptoms have commonly been preceded by a

fevere cold fit, and point out the inflammatory diathesis of the habit.

The symptoms of debility are a weakness and irregularity of the voluntary motions, as *subfultus tendinum*, as well as of sensations and intellectual operations; weakness of the pulse; coldness of the extremities; a tendency to fainting in an erect posture, and a sighing in respiration; involuntary discharges, and difficult deglutition.

The symptoms indicating a tendency to putrefaction are, a loathing of animal food, great thirst, and a desire for acids; the blood loose in its texture; hæmorrhage from the organs of secretion, without marks of great excitement; effusions under the skin or cuticle, producing petechial and livid eruptions; frequent loose and fœtid stools, with little relief; fœtid urine, and a cadaverous smell of the whole body.

The symptoms of *violent action* are best moderated by *blood-letting*.

The effect of bleeding is more immediately felt, in reducing the inflammatory action, than any other evacuation.

It requires much skill to determine in what cases it may always be successfully employed.

It ought chiefly to be had recourse to in the early stage of fever.

The young, the vigorous, and plethoric, bear it best

The spring and winter seasons demand it most

The inflammatory diathesis is more prevalent in cold than in warm climates; this however is not altogether a general rule, for in the warmest countries, local inflammation, especially of the liver, is more frequent and

*Acids are good when debility
except vinegar - the vegetable
acids best - Niter. Muriat. prefer*

acute than in cold countries, and gives way, chiefly, to early bleeding.

In epidemic and contagious diseases much caution is necessary in the use of the lancet.

Attention should be paid to the former diseases and habits of the patient.

The appearance of the blood, and the effects of blood-letting, which may have been already practised, ought likewise to regulate our conduct.

A sudden and large evacuation often answers best, especially when made in a relaxed or supine posture.

Evacuation by stool likewise moderates the violent action of the system.

The effect of purging is not only that of emptying the intestines, but likewise the vascular system distributed upon them.

This evacuation does not so suddenly weaken the system, nor reduce the inflammatory diathesis as blood-letting; it has however frequently its advantage, especially in doubtful cases of increased action.

In the more advanced stage of fever, purging may not only be useful, in so far as it empties the intestines, and removes the putrescent and irritating matter of the bowels; but when employed in the beginning may do good by moderating the general action of the system.

Symptoms of violent action are moderated by plentiful *dilution*, especially of watery fluids, acidulated or accompanied with some of the neutral salts.

Sweating frequently tends to moderate the violent action of fever, when produced by gentle and relaxing means, in opposition to external heat and powerful stimulants.

*In high action with power to support it
Opium is well calculated to allay
the general tumult in low fever
it is not so in the high stage.*

This evacuation is frequently spontaneous and moderate, producing the solution of the disease, and is often successfully excited by art.

In many cases where it is early and profuse, it protracts the disease, and exhausts the patient's strength. This is frequently perceived to be the case in rheumatic fevers.

If it does not relieve in twenty-four hours, it seldom does good.

A relaxed soft skin, opposed to a dry burning heat, is more favourable than a copious discharge.

Partial sweating is always hurtful.

In case of violent action, sweating is most safely induced by nauseating doses of emetics, especially the antimonial. *this must not be carried too far in low fever*

For this purpose tartarised antimony should be employed in small and divided doses in solution. *as it lowers the*

This, in general, will likewise prove gently laxative, which renders the practice of sweating much safer in many doubtful cases of inflammatory diathesis. Other preparations of antimony may likewise be employed, which, by their slow solubility in the stomach, are less apt to excite vomiting. Of these are all the calcined preparations of antimony, in imitation of Dr. James's powder. *some of stomach & bowels much in low fever*

In the early stages of fever, great advantages are derived from the combination of antimonial with purgative remedies.—Vide *Formul. Select.* No. 173. *may be combined with Opj.*

When tartarised antimony is given in solution, it ought to be dissolved in wine.

During the use of the calcined preparations of antimony, acids should be avoided, which might render their operation too violent.

a the antimonial also limits the use of opium if diarrhoea small doses: if no diarrhoea give 15 to 20 twice in 24 hours James's Powder is only weaker than it

Under the nauseating operation of antimonial preparations, the febrile anxiety, and even delirium, is often encreased, until some sensible evacuation is induced, which removes those symptoms, and brings on a crisis of the disease.

The general action of the system is encreased by *blisters*, though the violent action of a particular and deeply seated part is lessened by them. They seem to act more from their power of stimulating than their power of evacuating.

They are chiefly indicated in case of local pain and congestion in the beginning of fevers; and in the later stages they may be more freely employed to keep up the *vis vite* of the patient.

Sinapisms and *rubefacients* seem to act upon the same principles.

Fomentations to the lower extremities, frequently relieve the head in cases of greater action, and by determining to the skin, remove the resistance and spasm upon the surface of the body.

The symptoms of *debility*, the most frequent cause of which is contagion applied to the body, are best counteracted by the free access of cold air, which corrects and even destroys its action.

In some cases, cold water has even been successfully applied for this purpose.

Debility is greatly moderated by the action of tonic and stimulating remedies. To this head belongs the use of bark, serpentaria, and wine.—Vide *Formul. Select.* Pag. 15, 16, 41.

Bark ought chiefly to be employed in cases of remission, with a soft skin, where the secretions, at least once in twenty-four hours, are somewhat more liberal.—In

*and in colligative sweating with the
vitriol acid: of consequence
to attend to patient's cravings*

cases of violent heat, a dryness of the skin, a very quick pulse, and symptoms of local congestion, it should not be employed.

The *serpentaria*, or *contrayerva* will often support the *vis vite* in low fevers, and rather promote the natural crisis of the disease. *where bark disagrees*

In cases of extreme debility, with unequal and irregular heat, a low quick pulse, and much watchfulness, wine may be employed with great advantages: and sleep, in all cases of low fever, should be procured by opiates.

In all cases of debility, much evacuation by stool is to be avoided.

The crisis of a low fever is generally best effected by sound sleep, or spontaneous salivation.

The symptoms indicating a tendency to *putridity* are obviated by removing the patient from putrid or corrupted air.

By a frequent change of bed-clothes and linen.

By vegetable and ascescent food.

By evacuating the contents of the bowels by cooling and ascescent purgatives, such as crystals of tartar and tamarinds, which likewise, by their antiseptic and diluent effect, correct the general state of the animal fluids.

When symptoms of putrefaction are accompanied with symptoms of great debility, then bark and other tonics may be employed with advantage.

Bark is too active a remedy to be employed with safety in all cases of continued fever; it should never be given in cases of inflammatory diathesis; even in other fevers its good effects are chiefly perceived in cases of remission, as before observed.

*least itself always proved nauseating
 4℥ of wine or 4℥ in 24 hours the utmost
 4℥ of bark in 24 hours in 4 or 5 days*

In the general cure of fever we have rather spoken of general indications than of the application of particular remedies.

OF THE GENERAL DIVISION OF FEVERS.

Notwithstanding that in all fevers there is a disposition to periodical returns and occasional exacerbation; yet in some they are scarcely obvious, in others more apparent, and in intermittent fever, perfect and compleat.

This has given rise to a division of fevers into continued, remittent, and intermittent. *the last division*

lithous The continued are either *inflammatory*, accompanied with violent action; *nervous*, attended with debility; or *malignant*, attended with appearances of *putrescency*.

In general, however, they are not so distinctly marked, and in common practice we find them of a mixed nature, and changing into one another, except when some particular contagion has operated. But as in all fevers the plan of cure must be adapted to the state of *increased action*, *debility*, or *putrescency*, we shall admit this division of continued fevers into *inflammatory*, *nervous*, and *malignant*. *and since epidemic & sporadic fevers*

OF THE INFLAMMATORY FEVER.

The symptoms of the inflammatory fever are, a sense of lassitude, debility, and pain, universally felt in the bones; chilliness and heat alternating with one another; the pain becomes more severely felt in the shoulders, back, knees, and head; the heat becomes intense, with

redness of the skin, especially of the eyes and face; watchfulness; anxiety; a white tongue; dry skin; high coloured urine; and inflamed blood; costiveness, and delirium.

This fever generally attacks those who are of a strong plethoric habit of body; seldom the weak and relaxed: it seizes men more frequently than women.

Its occasional causes are the sudden application of cold to a heated body; violent exercise, while exposed to the burning rays of the sun; intemperance in eating, and in drinking vinous and spirituous liquors.

It generally kills, by inducing inflammation and gangrene on internal parts.

By bad management, especially the neglect of evacuations, and the too early use of stimulants, it often degenerates into low or malignant fever.

The symptoms of danger are delirium, difficult respiration, symptomatic eruptions, intense heat, a very quick pulse, and involuntary evacuations; which may be opposed to a softness of the skin, moderate heat, and fever, and a regular freedom of the secretions, neither obstructed on the one hand, nor profuse or colliquative on the other.

The cure of this disease is best effected,

1. By blood letting, proportioned to the state of the pulse and strength of the patient.

2. By the means already laid down in order to moderate violent action, viz; the use of diluents, with acids and the neutral salts; evacuating the *primæ viæ*, and determining to the skin by antimonials in emetic or nauseating doses, or joined with purgatives; abstinence from animal food, and the application of blisters to

relieve local pain and congestion.—Vide *Formul. Select.* No. 26, 27, 115, 173.

Symptoms of debility, or putrefaction, occurring in the latter periods of inflammatory fever, are to be treated as hereafter directed on the subjects of the nervous and putrid or malignant fever.

OF THE NERVOUS FEVER.

In this fever, the symptoms of *debility* are chiefly prevalent; dejection and terror of mind; loss of appetite; oppression; watchfulness; sighing; great lassitude; alternate chilliness and flushing: in a few days giddiness and pain in the head; nausea, and vomiting of an insipid pituitous matter; prostration of strength; fainting on sitting in the erect posture; frequent, weak and often intermittent pulse, with little heat and thirst; a moist tongue, with a white mucus on it; pale watery urine; oppression of the præcordia; unequal distribution of blood to different parts of the body; a coldness in the extremities; a slight delirium, without fury; a disposition to immoderate sweating, or diarrhœa; insensibility to external objects; a tremor of the tongue; with *subfultus tendinum*, *coma*, involuntary discharges by urine and stool, convulsions, and death.

A more favourable termination takes place when there is an early disposition to salivation, and sometimes a gentle moisture on the skin; or diarrhœa comes on, which relieves the head, renders the pulse more steady, and proves a crisis to the disease. Deafness is a favourable symptom, which is generally accompanied with pro-

*It comes on very slowly; & allow time
trembling of tongue and hands—
Evidences of Spasms in first stage—a
mit 2 1/2*

found sleeping, and which is easily distinguished from *coma*. Scabby, angry eruptions, and tumours, always relieve; while miliary eruptions, which generally attend profuse sweating, are only symptomatic.

The *Dangerous symptoms* are,

Delirium with profuse evacuations, partial sweating about the breast and head, with cold extremities; *subfultus tendinum*; great watchfulness; quick, low pulse; tremulous motions of the lips, tongue, and other parts, with impeded deglutition.

The *remote causes* of this fever are, a relaxed, weak, and irritable nervous system; profuse evacuations; anxiety; watchfulness; fatigue; debility, induced by former diseases, increased by coldness and moisture, and in some cases the action of sedative poisons, *miasmata* and *contagion*.

From what has been said on the *proximate cause* of fever in general, and the state of weaker action in the moving powers, an explanation of the symptoms of this fever is easy.

It is easily distinguished from the inflammatory fever, which is accompanied with more violent action, and the *inflammatory diathesis*.

OF THE CURE OF THE NERVOUS FEVER.

In the cure of this fever, all violent evacuations are to be avoided, while a chief attention is to be paid in supporting the *vis vitæ* through the course of the disease.

In the beginning, it is proper to give a vomit of ipecacuanha, or tartarised antimony. Patients bear vomiting better than purging in this disease: A few grains of rhubarb and magnesia will be sufficient to keep the body soluble, or emollient clysters given from time to time.

In this fever, wine is one of the best cordials: it may be given either by itself, diluted with water, or made into whey; it is most grateful when cold; it renders the pulse slower and fuller, procures sleep, takes off delirium, and supports the patient under profuse sweats and symptomatic eruptions.

The serpentaria and contrayerva are powerful cordials, especially the former, and determine gently to the skin in this disease.—Vide *Formul. Select.* No. 177.

In cases of much anxiety and oppression at the *præcordia*, which frequently accompany and precede miliary eruptions, advantage may be derived from camphor.—Vide *Formul. Select.* No. 46, 47, 48, &c.

In the early stage of this disease, and through the whole course of it, blisters may be applied with great advantage, especially to the extremities; and the state of the *vis vitæ* may be known by attending to the degree of inflammation which is produced from their stimulus.

In the delirium of this fever, with *subfultus tendinum*, the *Mist. Mosch. Ph. Lond.* may be used with advantage, especially when joined to small doses of *Tinct. Opii*.—Vide *Formul. Select.* No. 130, 131.

In cases of watchfulness, with, or without delirium, the *Tinct. Opii* in the dose of ten or twenty drops, may be given to procure sleep.

Sleep and perspiration are procured by fomentations with vinegar and water, applied to the lower extremities.

In cases of remission, the bark may be given.—Vide *Formul. Select.* No. 65, 66, 67, &c.

In symptomatic and colliquative diarrhœa, a few drops of the *Tinct. Opii* may be added to each dose of the bark, or a grain of ipecacuanha to ten or fifteen grains of rhubarb.—Vide *Formul. Select.* No. 116.

In case of extreme lowness and dejection, the volatile alkali may be given with the aromatic confection.—Vide *Formul. Select.* No. 14.

Castor and valerian will be found to relieve from the sighing, terror, and anxiety, which, in delicate and irritable habits occur in a high degree in this fever.

OF THE MALIGNANT, PETECHIAL, OR PUTRID FEVER.

This fever has acquired its name from its malignant nature, the putrescent state of the secretions, and the livid eruptions which constantly attend it.

The Symptoms are an intense heat, alternating with chilliness, with some remission; a hard, small, frequent, and irregular pulse; a violent pulsation of the temporal and carotid arteries; great prostration of strength; anxiety and dejection of spirits; nausea and bilious vomiting; pain in the head; inflamed eyes; *tinnitus aurium*; a difficult, laborious respiration, with frequent sighing, and foetid breath; universal pain; great restlessness; delirium; a foul tongue, with foetid fœces about the teeth; great thirst; the tongue sometimes black and dry without thirst: The urine varies much, sometimes when there is a delirium, it is pale; in general, however

it is foetid and high coloured, and all the other secretions are in the same state; involuntary evacuations; hæmorrhages with dissolved blood, and universal livid and petechial eruptions, with gangrenous *aphthæ* in the mouth and throat.——

This disease assumes a great variety of appearances: Sometimes the symptoms are inflammatory in the beginning, in which case, there is rigor, followed by increased action; in other cases, the disease more early affects the nerves, resembling the nervous fever above described; in general there is much debility in the beginning, which prevails more or less with the symptoms of putridity already described.

The remote causes of this disease are;

1. The application of putrid and contagious matter to the body.
2. The too free use of animal food, especially if accompanied with bad water.
3. Predisposition from debility and anxiety of mind.
4. The too free use of alkaline and septic substances.

The proximate cause appears to consist either in the sedative power of contagion, acting immediately on the nervous system, or disposing the fluids to putrescency.

OF THE PROGNOSIS.

A diarrhœa, or perspiration, frequently relieves and takes off the delirium.

The eruptions becoming more red and inflamed, is favourable.

Numerous livid, petechial eruptions; black and gangrenous *aphthæ*; dry, black tongue, with delirium; plucking the bed-clothes; no thirst; difficult respiration; tension of the abdomen, with foetid and involuntary stools; partial and clammy sweats; cold extremities; a quick, weak, and irregular pulse, are extremely fatal symptoms.

*Relief of Stomach & Bowels the followed by
bloody stools ~~this~~ does great good —*

OF THE CURE OF THE PUTRID FEVER.

In cases of plethora, with much increased action in the beginning, it may be proper to take away a few ounces of blood; this evacuation should however be managed with the greatest caution, and in no cases should it be repeated. The head may be relieved with more safety by the application of leeches, or cupping-glasses.

The *primæ viæ* are to be evacuated by the early use of cathartics, with or without antimony; and if in the course of the disease there is much tension, and determination on the bowels, a preference should be given to the neutral and ascendent purgatives.

Emollient clysters, either of warm water, or of the *Decoct. pro Enemat.* tend greatly to dilute the acrimony and foetor of the contents of the large intestines. They obviate that dangerous tension of the abdomen which occurs in this disorder.

A determination on the skin should be kept up by the use of camphor mixture, with the vegetable acids, which are preferable to the fossil.

*Emetics - purgatives - Scaphius is some-
times thin is much too far of stomach as to
prevent Emetics from operating from
acid matter lining it. Dilution
for first few days - afterwards bark wine
in very small quantities & diluted —*

The cordial and antiseptic practice should be united; this will lead to the use of wine, bark, and acids.

Rhenish wine, or old hock, is the most pleasant.

The cravings of the patient should be attended to in the use of food and drink; they will always direct to the ascendant and antiseptic.

In this, as in other fevers, bark should only be given in such cases as point out some obscure remission, and where there is no local congestion on the internal viscera. It often relieves from profuse and symptomatic sweatings; its purgative effect is best corrected by small doses of the *Tinct. Opii*, and in case of costiveness it should be accompanied with small doses of rhubarb.

Bark is much safer in its operation when accompanied with acids; in cases where a determination on the skin is desired, the *Aq. Ammon. acet.* may be given along with it.

Symptomatic diarrhoea may be moderated either by opiates alone, or united with aromatics.—Vide *Formul. Select.* No. 141, 143.

In the diarrhoea of a malignant fever, the *Infus. Rosæ*, and the *Fulep salin.* in an effervescent state may be useful, from their correcting the putrid matter of the bowels.

Blisters are only useful in supporting the *vis vita* in the decline of this disease.

In cases of *aphthæ*, the *Decoct. commun.* gently acidulated, is frequently proper as a gargle.

The epidemic and remitting fevers of warm climates, are chiefly of the malignant kind, but in the beginning are sometimes accompanied with so much increased action as to render it necessary to take away a few ounces of blood.

*Can of pain in part. blisters when
bleeding is not a sufficient*

They differ chiefly from the putrid fevers of this country, in having more oppression on the præcordia, a sense of greater pain in the region of the stomach and liver, with early vomiting of a very acrid and offensive bile. The skin is generally tinged of a yellow colour; hence the disease has been called the bilious, or yellow fever.

In the East Indies, where persons are exposed not only to intense heat, but likewise to the putrid effluvia of wet mud, the symptoms of debility are greater, and the progress of the disease is more rapid and fatal.

The cure consists chiefly in early evacuations by the *primæ viæ*, as above directed, and in cases of early remission, the bark with acids, and other antiseptics, should be given with freedom.—Vide *Formul. Select.* No. 67.

In comparing the different accounts of practical writers on the subject of fevers of different countries, and more particularly on the bilious and remitting fevers of warm climates, it appears that they do not differ essentially from the foregoing; but as varieties, influenced by climate and the general state of the atmosphere, and different temperaments, or constitutions; and that the continued, and remitting fevers are the same, requiring a method of cure suited to the state of *reaction*, *debility*, or tendency to *putridity*, the prevalence of *bile*, and the degree of *remission*.

Remissions are best effected by assisting to carry off bilious accumulations by the united operation of tartarised antimony, the neutral salts, or ascendent laxatives.

Synochus. U.S. meupany if accompanied with disease of viscera. Solution of to clear the intestines. Calomel united with to prevent sea sickness. Calomel two or three table spoons with R. some water or R. Ant. in a glass of acid & most. Calomel. Solution for 15 minutes.

OF INTERMITTENT FEVERS.

The symptoms of these have been already described under the title of *general fevers*, in the various stages of the paroxysm.

They are distinguished by Sydenham into vernal and autumnal, the former frequently accompanied with inflammatory diathesis, the latter with the putrid.

They are distinguishable according to the frequency and duration of the interval, into single quotidians, tertians, or quartans, or into the duplicate quotidians, tertians, or quartans, and perhaps on certain occasions they may be still more anomalous.

They generally arise from the exhalation of marshy and low situations.

The predisposition is relaxation and weakness, either induced by former disease, or by a thin watery and vegetable diet.

Between the paroxysms there is a tendency to sweating, and an impaired appetite.

OF THE PROGNOSIS.

The duration of the disease depends much on the character of the prevailing epidemic.

The more regular the return of paroxysms the more favourable is the disease.

Epidemic intermittents are of more difficult cure than sporadic ones; quartans, than tertians; autumnal, than vernal.

Quotidian intermittents have by some been thought to terminate in continued fevers.

Appearances of jaundice and dropfy point out diseased viscera, which require a particular method of cure.

OF THE CURE OF INTERMITTENTS.

In the cure of intermittent fever, an attention should be paid to prevent the recurrence of paroxysms, and to conduct them in such a manner as to render the solution of the disease perfect.

The recurrence of paroxysms is best prevented, or their violence moderated,

1. By the exhibition of an emetic, so that its operation be nearly over before the accession of the cold fit.

2. By the use of tonics, of which there is great variety, either astringents alone, bitters alone, astringents and bitters united, astringents and aromatics, metallic preparations, and opiates.

The tone of the system may be further kept up by occasional stimulants, a generous diet, the use of wine, employed especially in the period of intermission.

Of all tonic remedies, the Peruvian bark is justly esteemed the most effectual.

It may be employed with great safety in any period of intermittent fever, provided there be neither inflammation, nor appearances of obstruction in the abdominal viscera.

Obstructions of the liver, dropsies, and other consequences of intermittents, which have been commonly

the fit approaching increase the quantity of bark we has much as the stomach can bear in the first instance. when fever is quite gone reduce to some extent occasionally.

cupping
blisters
sanguifying } attributed to the bark, take their rise from the recurrence of paroxysms, from the neglect of bark in the beginning, or from not using it in sufficient quantity.

In the intermittents of some climates, accompanying particular epidemics, the intermission is not always perfect; however, the bark should be given largely to obviate the danger arising from exacerbations, and the recurrence of paroxysms.

The bark should be given largely, especially as near the accession of the paroxysm as possible.

It should be continued until the patient has missed several paroxysms, and afterwards the quantity diminished by slow degrees.

Opiates given in the hot fit, shorten its duration, and render the solution of the disease more perfect and complete—Opiates, when given in the cold stage, though less effectual, than in the hot stage, will shorten the paroxysm—The costiveness induced by them is best removed by the *Pilul. Myrrh. cum Aloe*, which may accompany their use.

Notwithstanding evacuations have no tendency to cure agues, and when used too freely rather dispose them to return, yet accumulations in the *primæ viæ* should be removed in some constitutions by vitriolated kali and rhubarb, in others by the warmest laxatives of aloes and myrrh.—Vide *Formul. Select.* No. 8, 9, 123.

If it should be found impossible to give the bark by the mouth, it has been proposed to give it largely in the form of a clyster.

The tonic plan of cure, assisted by regular exercise in a good air, should be persevered in, to obviate a relapse,

to which patients labouring under intermittents are extremely subject.

OF INFLAMMATION IN GENERAL.

In all cases of inflammation, there is redness, tumour, and increased action of the vessels, either of the inflamed part alone, or of the whole system; tension, pain, greater irritability, and an impaired action of the organ affected. In general, the blood taken from the arm remains longer in a fluid state, and in cooling shews a glutinous separation on the surface, commonly called the inflammatory buff.

Inflammation has acquired different names, according to its seat, as *Phlegmon*, *Erysipelas*, &c.

It is most commonly produced by stimulants directly applied to the part affected, but it is frequently also formed in the hot fit of a fever, by the violent action of the arterial system producing an unequal distribution of blood; in this case particular organs suffer from a larger quantity of blood directed upon them. The general system being affected, an *inflammatory diathesis* prevails, and the cold stage of a febrile paroxysm commonly precedes the disease.

The proximate cause of inflammation and fever is frequently the same, both formed by the *vis medicatrix naturæ* excited by the spasm or resistance on the surface either of a particular part, or of the whole body.

The increased heat, redness and action of the vessels, and the effusion into the surrounding parts, evidently prove an accelerated circulation and a pervious state of

the vessels. The phænomena of blisters, and the effects of direct stimulants, clearly point out that obstruction is not the cause of inflammation. The idea of *lento* and *error loci* taking place in inflammation is ill grounded, inflamed blood being thinner than other blood, and coagulating with more difficulty.

Bourghave
Gullen

Wilson

The remote causes of inflammation are,

1. External stimulants. *direct or indirect.*
2. Mechanical violence.
3. Cold applied under certain circumstances.
4. The peculiar action of contagion.

to
inflamm.
unfounded

Inflammation terminates in *resolution*, *suppuration*, *gangrene*, or *effusion*, sometimes of red blood, and frequently of gluten, producing adhesions especially of membranous parts.

Inflammation is said to terminate by *resolution*, when the symptoms gradually abate, the texture and organization of the part remain entire, and the fluids effused under the moderate action of vessels are absorbed and received into the habit.

Suppuration takes place when the action of the vessels of the part, and the inflammatory diathesis continuing violent, the effusion and accumulation of gluten become considerable, especially in yielding cellular membrane, and the vessels acquire a power of secreting pus, or the effused fluid by stagnation undergoes a change affecting the surrounding parts, and producing a cavity for itself, frequently bounded by adhesions; this cavity is called an abscess.

The symptoms of *suppuration* are, first, an increase of tumor and pain, a sense of weight and throbbing in the organ, the tumor becoming more soft and pointed; in

Nature of Pus. It has been supposed it existed in blood! But is a secretion from an irregular action in the secreting vessels - Hobson's Properties of Pus 1788. Pus composed of

cases of inflammation, accompanied with *inflammatory diathesis*, repeated and alternate chilliness, frequently attended with severe rigors, are perceived; the pain abates, and in parts subjected to our view a sense of fluctuation is felt.

Pus is seldom formed in internal parts, and again absorbed into the habit without symptoms of *hectic fever*, which are a quickness of the pulse; intense heat; an emaciated habit; irregular and returning rigors, and a great tendency to colliquative sweats.

The symptoms of *hectic fever* should be carefully marked and distinguished from those of *intermittent*.

The character of an *abscess*, and its disposition to heal, or become phagedenic, will depend much on the state of the fluid effused, and the degree of action in the vessels of the part.

In the case of *gangrene*, the matter effused becomes putrid, communicating its poisonous and destructive effects to the integuments and cellular membrane; sometimes, as in *sphacelus*, destroying blood-vessels and muscles. The symptoms of *gangrene* are, a sudden loss of pain and heat, after violent action of the part; a softness and loss of elasticity; vesicles on the surface of the part, containing an ichorous and offensive fluid; a livid or black appearance, with a cadaverous smell, a quick pulse, and a diminution of strength.

It has been usual to consider *scirrhus* as one effect of inflammation, though I believe it may exist independent of it, and seems to be an indolent tumour of a gland,

See John Brinkley's account, printed in a per-
sonal paper.

which from its structure has favoured the stagnation of a fluid in it. *the effect of atonic inflammation*

In inflammation of the lungs, blood is often *effused* into their cells, and produces a sense of suffocation, and sometimes immediate death. *as chest abdomen &c*

In the inflammation of membranous parts, as the pleura and peritoneum, there is frequently produced adhesions through the medium of coagulable lymph; and it is not uncommon to find pus effused from the surface of membranes, and collected in internal cavities, accompanied with frequent rigors, and the usual symptoms of *hectic fever*, without any appearance of ulceration or abscess on dissection.

OF THE GENERAL CURE OF INFLAMMATION.

In the first stage of inflammation, the cure should be attempted by promoting *resolution*, which is effected by,

1. Removing such remote causes, as are obvious, and continue to operate.
2. By diminishing the quantity of blood either in the whole system, or as directed to a peculiar organ.
3. By relaxing the whole system, or diminishing the tone of a particular part.
4. By increasing the neighbouring secretions. *by blisters*

All these latter indications are fulfilled by blood letting, ^{both} either general ~~or~~ topical. *as Cupping - Blisters*

By the use of purgatives, especially the cooling and antiphlogistic. *as Neutral Purginy Salts. in Antic.*

External application of cold in internal inflan
doubtful

digitalis cannot be depended on at first attack when inflammation attends some off - pain remains even before frey remedy be used

GENERAL CURE OF INFLAMMATION.

39

By relaxing the skin by antimonials and tepid diluents.

By fomentations, or the vapour bath, directed on the parts affected.

The violent action of the vessels of an inflamed part may be diminished by external sedatives; such as the preparations of lead, zinc, copper, and mercury, when applied in a very diluted state.

Resolution is frequently promoted by blisters, rubefacients, or other means of exciting greater action on the vessels in the neighbourhood of the inflamed part.

There are many cases of inflammation depending on the relaxed, weakened, and passive state of the organ, best removed by tonic remedies, and more active preparations of the metallic bodies. There are likewise cases of inflammation, kept up by the action of a peculiar acrimony, best cured by alterative remedies; such as the preparations of mercury and antimony. Of the first kind are chronic and scrophulous *ophthalmie*. Of the second are inflammations depending on a venereal cause, and affections of the skin, not accompanied with any inflammatory diathesis in the general habit.

In circumstances where *suppuration* is unavoidable, and probably in some it may be desirable, it becomes necessary to hasten the process, and to soften the integuments and surrounding parts, so as to promote the most favourable direction of the purulent matter.

The means employed to promote resolution are to be omitted on the one hand, while we should, on the other, guard against exciting too much the inflammatory diathesis of the habit.

Suppuration is best promoted by the application of warm cataplasms and plaisters, which by softening the

after blisters have been evacuated, both in the stomach and to the head Calom. Op. and ant. M. Digitalis in the latter stage when pain and rough remained

by applying blisters and Calom. Op. and ant. M. -

integuments, and keeping the part moist, promote the general view in suppuration.

The proper period for the evacuation of the pus, and the most eligible means of doing it, are considerations which belong to the surgeon.

In cases of abscess, pus is frequently improved and corrected by good air, a milk diet, the use of bark, and other tonics. In many cases of relaxation and diminished inflammation, external stimulants and escharotics are often applied with advantage, especially the preparations of mercury and copper.

Pus is likewise corrected by means which diminish pain ^{both generally and locally} and irritation; hence arises the use of opium, cicuta, and perhaps many others of the sedative class of remedies.

Inflammation frequently shews a tendency to *gangrene*, which should be discouraged by every proper means.

Gangrene, in its early stage, may be obviated by diminishing the inflammatory diathesis ^{as directed above} as directed above.

When it has already come on, every possible means should be used to prevent its spreading, by exciting a suppuratory inflammation in the neighbouring parts.

The internal use of bark in *gangrene* with *atonia*, should be freely employed; warm and antiseptic fomentations and cataplasms may be directed with advantage.

Opium has lately been recommended as a specific, in a particular species of *gangrene*.

In cases of *scirrhus*, the cure may be attempted by small doses of the neutral salts, sea-water, and alkaline remedies. In some cases *cicuta*, mercury, and antimony, promote the resolution of *scirrhus*.

If a *scirrhus* be large, increasing, loose and detached, ^{In cases of scirrhus with sanophulacous tendency} *licurus*, bark, *cicuta* - mercury if carried far will do harm in *scroph. scirrhus*.

*Important
gangrene in
wounds habits
much for Vol. Alkali
of using 6th hor.*

*Tator may be
corrected by the
thermometric
solution of
yeast sugar and
Flower salt by be
fere fine for a
little while.
Nitric acid wash
or Nitrous Gas
will also tend to
prevent the
phacelus gang
on.*

it should be extirpated by the knife, or destroyed by caustics.

The electric fluid has been of late successfully directed, in discussing hard and indolent tumours.

The pain and irritation of a cancer may be greatly relieved by opiates and cicuta, which, together with bark and mercury, frequently correct the nature of the discharge; to which may be added a milk and vegetable diet.

The external application of carrots, and other fermentable cataplasms, remove the offensive fœtor of the discharge.

Arsenic and other caustics destroy the inequalities and fungous appearances on the surface.

The early use of the knife, where it can be safely employed, should be preferred, before the habit has suffered much from the symptomatic hectic.

In cases of purulent effusion on internal parts, accompanied with the symptoms of hectic fever, above related, myrrh, in small doses, has been found useful. Sarsaparilla and a milk diet, correct the stimulus and acrimony of pus.

It seems probable that caustics, or setons in the integuments, diminish effusion, and relieve the sense of weight and congestion on internal organs.

OF PHRENITIS.

This is an inflammation of the brain or its membranes, attended with an acute fever, much head-ach, and early delirium.

rare in this country - common in the continent During march under a warm sun.

It is either idiopathic, or symptomatic; the former seldom occurs in this country; but frequently in warm climates, in persons much exposed to the heat of the sun.

It begins with rigors, succeeded by heat; pain in the head; great pulsation of the arteries; inflamed eyes; disturbed sleep; *tinnitus aurium*; great irritability; dry tongue; delirium with fury, terminating in stupor and insensibility.

Symptomatic phrenitis has been described on the subject of fever: *Anterior stomach generally & topically, drastic purges*

The method of cure is in both the same. *as I elap. Calom with stimulating glysters; cold app. to the head, blisters near the head, posture erect, keep patient in darkness and quiet: — Antimony in small doses: —*

OF OPHTHALMIA.

This is an inflammation of the membranes of the eye, more especially the *tunica conjunctiva*, or *adnata*.

It differs much in its degree of violence being sometimes more deeply seated, affecting the interior membranes, extending itself to the inner surface of the *palpebrae*, and is attended with more or less pain and fever.

In some there is much heat and dryness, in others an increase in the secretion of tears, which are of an acrid nature.

In some it is epidemical, in others intermittent.

It is frequently complicated with scrophulous or venereal complaints.

Its more remote causes are,

1. External stimulants, acrid and volatile *effluvia*.
2. Exposure to cold obstructing habitual evacuations.
3. Scrophulous and venereal causes determining to the

eye.

When primarily chronic Icterus. Purp. Bleeter. Stomatitides. The Gall is used by an Indian in the same manner in Leucorrhoea. —
Punctant eye Calom. Cap. Zirc. Vits to be put into eye. In habitual ophthal.
Icterus Purp. Bleeters, Stomatitides, Urticaria, the Gall used by Mrs. Marshall

Nothing sensation in a particular part
 It is accompanied with a sense of heat and pain, redness, and some degree of tumour; in general an increased discharge of an acrid, ferous fluid, together with a *fordes*, which glues up the eyes, especially in the morning. The eye-sight is imperfect, and the pain is much increased by light. In some, suppuration comes on, in others, an opacity of the cornea.

The disease is frequently independent of general inflammatory diathesis, in others it is preceded and accompanied with the usual symptoms of inflammatory fever.

The cure consists in reducing the ^{active} inflammatory diathesis, by ^{generally and locally} bleeding and purging, and in diminishing the pain and irritability by local applications. In relaxed and scrophulous habits, deobstruent and tonic remedies are the best; and in the venereal ophthalmia, the cure can only be effected by mercurial and alterative medicines.

If there be no general fever, topical bleedings either by leeches, cupping-glasses, or by opening the temporal artery, answer best.

Blisters, applied to the head or behind the ears, often relieve. Setons, especially in the neighbourhood of the head, do good.

In some cases the inflammation has been diminished by slight scarifications of the turgid vessels of the eye.—Vide *Formul. Select.* No. 152, 199, 200.

In some cases of ophthalmia without fever, advantage is derived from the simple application of brandy and water.

In general, warm applications are improper.—Vide *Formul. Select.* No. 148.

In cases of scrophulous ophthalmia, a decoction of bark in lime water may be recommended.

Tarthritis Ury. Hy. Note: Undigested Ung. in case of specks on cornea, when speck fed by a vessel of the cornea or by the conjunctiva.

If the disease is of the conjunctiva, the eye must be washed with a decoction of bark in lime water.

It is to be observed that the eye must be washed with a decoction of bark in lime water.

It is to be observed that the eye must be washed with a decoction of bark in lime water.

It is to be observed that the eye must be washed with a decoction of bark in lime water.

It is to be observed that the eye must be washed with a decoction of bark in lime water.

It is to be observed that the eye must be washed with a decoction of bark in lime water.

In the venereal ophthalmia the *Hydrarg. Muriat.* is the best preparation of mercury. *Sol Hydrarg*

OF THE INFLAMMATORY ANGINA.

Tonsillitis

In general it is preceded by chilliness, and a sense of languor, succeeded by heat; during the hot fit, inflammation is formed on the pharynx, tonsils, uvula, and velum pendulum palati; a difficulty and pain in deglutition; a fulness in the countenance; head-ach; white tongue; costiveness; full hard pulse, and inflamed blood. As the inflammation advances, there is more tumor; shooting pains through the ear; some appearance of external tumor in the neck; a sense of throbbing in the arteries of the head; matter is formed; an abscess breaks, and affords relief.

There is generally a great secretion of mucus from the parts, the adhesion of which on their surface has been confounded with the ulcerated state of the organ.

The remote and proximate causes of this disease are such as have been enumerated on the general subject of inflammation. *as sudden alternations of temperature*

In some cases it is mixed between atonic & tonic wh. is to me = There is seldom danger, except where the head, by any sudden translation of the disorder, is much affected, or symptoms of peripneumony may have come on. The cure consists in reducing the inflammatory diathesis, by bleeding, either general, or topical, according to circumstances, and by the use of saline purgatives.—Vide *Formul. Select.* No. 173, 174.

In cases of external tumour, fomentations, poultices, and blisters may be applied to the parts.

When there are Aphthae attended with Erysipelas in cases of Typhoid fever

After no power Puncturing part itself, or apply leeches to jaws after a blister. Then purge: diaphoretics: gargle of nitre, or infus. rose. In *laryng. Pharyngea* leeches open wounds briskly, diaphor. blister. *laryng. Paratidea* with run its course. it is sporadic: leeches, blister, purging sparingly; in some cases where delirium comes on bleed generally and topically & have taste or treat leeches. Affected apply leeches and cooling embrocations.

The steam of warm water received into the throat will promote the resolution of the disease.

Nitre, and the neutral salts, are the best cooling medicines.

Care should be taken that the inflamed parts are not put into too violent an action, by the frequent use of gargles.—Vide *Formul. Select.* No. 1.

OF THE MALIGNANT ANGINA.

Withering
or *Scarlat. Anginosa*: never occurs, but our dear life

It begins with chilliness, preceded by an intense burning heat, *vertigo*, pain in the head, and stiffness of the neck; there comes on a sense of uneasiness in the throat, nausea, vomiting, and sometimes diarrhoea, anxiety, restlessness, watery inflamed eyes, great debility, fainting on sitting in an erect posture, a foul tongue, an erysipelatous redness on the skin, a low quick pulse, early delirium, a discharge of an excoriating, foetid, and ichorous fluid from the tonsils and nose, sometimes destroying and eroding the neighbouring parts. There is always an exacerbation of fever towards night.

This disease seizes the weak and relaxed more generally; children and women therefore are the most frequent subjects of it.

It is communicated by contagion, and rages with much violence at all seasons of the year: and will run its course wth.

It should be distinguished both from the inflammatory angina, and from a particular species of epidemic fore throat, which has lately appeared in this country, attended with much pain and difficulty of deglutition, vio-

marks it particularly

lent head-ach, with inflamed eyes, sometimes an universal redness and eruption on the skin resembling the measles; it has been falsely confounded with the malignant and gangrenous sore throat; it has some slight excoriation on the tonsils and velum pendulum palati, and has only given way to bleeding and purging with tartarised antimony and infusion of fenna.—Vide *Formul. Select.* No.

173.

*blisters, repeated
emetics, moderate
purging, diaphor.
(Catomet)*

In the cure of the malignant angina, all violent evacuations should be avoided. The patient generally sinks under bleeding.

*if fever returns
again repeat the
emetic briskly
once.*

An emetic of ipecacuanha in the beginning affords relief.

Diarrhœa may be moderated by *Formul. Select.* No. 124.

A diaphoresis may be brought on by *Formul. Select.* No. 19. *In latter stage mild cordials*

In cases of evident remission of the disease, the bark should be employed ^{but} with freedom. *caution*

The following antiseptic gargles are well adapted to promote the separation of the gangrenous parts in the throat, and the subsequent healing of the ulcers.—Vide *Formul. Select.* No. 71, 81. *Gargle 10th Piper. Ind.*

If the tonsils are much swelled, blisters, applied behind the ears, or round the throat, give relief. *or a leech*

or repeat vomiting briskly.
Dropical affusion generally follows, open the bowels 2 or 3 times; if weakly pat.^t
bark infus. in digitalis.

ANGINA TRACHEALIS.

Or Croup

*Sometimes comes
on gradually like
a cold; at others
more rapid*

The inflammation in this disease is not obvious on looking into the throat; it affects the larynx, and upper part of the trachea; it is accompanied with an acute fever and considerable pain; the breathing is very diffi-

*dry cough
synocha*

*Some families particularly liable to it; not contagious:
more fatal in the 12th of full habit.*

cult and laborious ; the deglutition is but little impaired ; there is a ringing noise as if the sound issued through metallic pipes ; great anxiety and oppression, and the patient is carried off by suffocation.

This disease rages among children, and has been *6 12 year* called the *croup*. Dissection has ascertained its seat, and proves that it is an inflammation of the trachea, frequently productive of an effusion of coagulable lymph, exhibiting the appearance of an adventitious membrane. It has been often mistaken for a spasmodic disease, and treated, though unsuccessfully, by antispasmodics. This disease is very rapid in its progress, and frequently fatal. It should be treated, as the inflammatory angina, especially, in the beginning in which stage only it is curable.

Bleeding, generally and locally, purging briskly, blister to whole of the neck, blister on throat: hot bath, inhaler & doubtful use: squills the best to promote mucus and something. Digitalis doubtful: Calomel with melle of opium and ant. Tart but medicine can be used.

OF INFLAMMATION IN THE CAVITY OF THE THORAX.

I. Of Peripneumony and Pleurisy.

There is little foundation for distinguishing between the peripneumony and pleurisy, being affections of the same parts, arising from the same causes, and requiring the same method of cure, therefore they are both considered in this place.

They may be defined an acute fever, accompanied with difficult and painful respiration ; frequent cough, and a sense of weight or pain in the cavity of the chest, especially during inspiration. It generally begins with a sense of coldness, succeeded by heat ; a quick pulse, sometimes soft, particularly if the *parenchymatous* sub-

stance of the lungs be affected, at other times hard and strong, when the pleura is more especially the seat of the disease; anxiety; restlessness; inflamed blood; high coloured urine; flushed countenance; a difficulty in lying on either side; a dry cough, attended with an increase of pain; shooting lancinating pains through the chest, as high as the scapulæ and between the shoulders. In the advanced and dangerous state of the disease the pulse becomes irregular; the breathing is more difficult; cold extremities and partial sweats come on, with delirium and death.

This disease terminates by resolution; in which case an easy expectoration comes on, sometimes a whitish mucus streaked with blood; in some cases the resolution is effected by hæmorrhage from the nose; by gentle sweating, or a copious sediment in the urine: *or diarrhœa*

Nature sometimes, by exciting externally, phlegmonic or erysipelatous inflammation, relieves the internal parts.

The most fatal termination is by the effusion of blood into the cells of the lungs, producing immediate suffocation. *called the Rattles.*

It terminates also in the effusion of matter, sometimes producing inflammatory adhesion, sometimes abscesses, laying the foundation of *phthisis pulmonalis* and *hectic fever*.

The danger is derived from the degree of difficulty in breathing, of fever, and cough, especially continuing beyond the fourteenth day without symptoms of expectoration and resolution.

This disease generally seizes the vigorous and plethoric, or such as have weak lungs; the most frequent

occasional causes are cold and moisture, or violent exertions of the organs of voice.

Symptoms of suppuration, bloody effusion or gangrene, should be attended to.

The indications of cure are best promoted by early and large bleedings, ~~either~~ general ^{or} topical, in some cases even to *syncope*; by ascendent and cooling diluents, such as nitre and the neutral salts; by gentle expectorants, at first the more relaxing ones, afterwards the more powerful and stimulating ones; by the application of blisters, and by moderating the cough by sedatives and opiates. *(according to the age and strength of the patient - Bleeding, purging with salts, affusion of wine, calomel &c. &c. - Ant. Tart. &c. - blisters directly, when cough violent, give opium with antispasmodics or scillitica - nitre excites cough - myself know was to allay heat & thirst. In 2^d stage or when convalescent with pain and cough Digitalis is used with great success.)*
Vide *Formul. Select.* No. 19, 23, 126, 138, 139, 146, 147, 172, 181.

In some cases expectoration is promoted by inhaling the steam of warm water and vinegar.

The antiphlogistic regimen, a milk and vegetable diet, with good air, should be recommended.

The symptoms may vary according to the seat of inflammation in the cavity of the thorax, as affecting either the mediastinum, the heart, or diaphragm, but the method of cure is the same as in peripneumony and pleurisy.

OF PHTHISIS PULMONALIS.

It is attended with a ^{dry or moist} cough, quick pulse, difficult ^{or short} and painful respiration, and terminates in a purulent spitting from ulcers in the lungs, with colliquative evacuations.

It is first introduced by a dry obstinate cough; weight and oppression on the chest; and a tendency to an increased secretion of ^{blue} mucus in the morning: *with a constant degree of fever with great degree of dry heat in palms of hand and soles of the feet.*

chests - palms of hands & soles of feet very
hot and dry

50

OF PHTHISIS PULMONALIS.

In its progress

The fever is irregular, always increased by eating, especially animal food; ^{frequent shills followed} accompanied with flushings in the face, an increased sense of heat in the hands and feet, watchfulness, profuse sweating towards the morning, which often alternates with diarrhoea. The tongue ^{or has a brown fil} is often morbidly clean; there is a pale whiteness in the tunica conjunctiva of the eye; ^{or the vessels which distends and muddy} a gradual decay of strength and flesh; a difficulty of lying sometimes on the affected side, at other times on the opposite side. In some cases there is but little expectoration in the ^{either of pure or of green mucus} course of the disease; in others there is little or no pain to be perceived; ^{have perhaps reason of those hoping to recover} the appetite frequently continues good to the last stage. ^{often however stomach much affected.}

*Sound teeth not
an indication of the
disease.*

*Does this arise
from Scrophula, or
from vicissitudes of
the weather, or some
chemical change
going on in atmo.*

The violence of coughing, and a sense of irritation in the larynx, produces vomiting, especially after eating. This is one of the most frequent disorders in this country, and should be early attended to, otherwise sup-
puration will take place and consume the substance of the lungs. Suppuration is to be suspected when the patient complains of irregular chilly paroxysms, succeeded by heat, and attended with a flushing in the face, with a disposition to night sweats. Such cold fits have often been mistaken for intermittent fever, and fatally treated by bark and other means calculated for the cure of agues.

*contagious perhaps
when matter very
fetid*

This disease is often hereditary, connected with a sanguineous and scrophulous temperament; it depends likewise on the mal-conformation of the chest; it frequently arises from an imprudent exposure to cold air, especially when applied to a heated body, and in a stream to the neck and chest.

Prevention wear flannel next skin

*Phthisis divided into the Sanguineous, and Tubercular
form or Scrophula.*

Violent exertions of the organs of voice, or the introduction of stimulants and acrid substances by the air *in respiration and* in breathing, may bring on inflammation. *quinders -*

Persons are more particularly subject to consumptive complaints from the age of ^{12 or 13} eighteen to thirty. *and have stumpy fingers.*

This disease is more rapid in some constitutions than in others; the scrophulous phthisis is generally more gradual in its effects, its symptoms abate in the winter, return with more violence in the spring, and it does not in general carry off the patient in less than three or four years. *florid & frothy*

In cases of hæmoptoe, with much fever, the progress is more rapid. *sometimes in a few weeks if great*

The danger is to be estimated from the degree of fever, and disposition to colliquative discharges.

In the last stage the feet and legs become œdematous, some degree of stupor and delirium comes on; but in general the senses remain entire to the end of the disease, and the mind is confident of recovery.

Phthisis arising from tubercles is more dangerous than that from hæmoptoe, and is strongly marked by an hereditary temperament.

Persons frequently recover from a *vomica* formed during peripneumony; and consumptive complaints have been sometimes removed by mania. *or typhus fever*

Pregnancy frequently retards the progress of consumption, which, however, often returns with additional violence after delivery.

Phthisis pulmonalis is to be considered as proving fatal, from a symptomatic hectic induced by ulcerated lungs.

OF THE CURE OF PHTHISIS PULMONALIS.

In general this will depend on the proper use of the antiphlogistic regimen, as the most effectual means of obviating suppuration; but it will vary somewhat as the disease has been preceded,

1. By hæmoptoe. *in sanguine? temperant.*
2. By peripneumony.
3. By catarrh.
4. By asthma.
5. By scrophulous tubercles.
6. By the determination of eruptive disorders on the lungs.
7. By a venereal or scorbutic habit.
8. By extraneous matter introduced, to which some artificers are subject.

The cure of this disease is extremely difficult, therefore the approach of it should be carefully watched, before it proceeds to a state of suppuration, especially in hereditary habits.

In all cases of hæmoptoe, more especially when depending on a powerful predisposition, a suppuration is to be dreaded, and is best prevented by large and repeated bleedings, the coolest and most acescent regimen, avoiding exercise of body, and the keeping the belly soluble by the gentlest laxatives.—Vide *Formul. Select.* No. 174.

The dangerous effects of a catarrhus cough are best prevented by attending to the degree of inflammatory diathesis which accompanies it, by the use of Mudge's Inhaler, and by moderating the cough by mild opiates.

Vide *Formul. Select.* No. 141, 146. *Sc. Pap. 26. 34.*
to be taken down drop by drop over jamies: in this form of disease Digitalis of great use. A vegetable regimen, or the lightest kind of animal food in all cases.

In phthisis subsequent on peripneumony, the antiphlogistic regimen, a sea voyage, and a temperate atmosphere, with moderate exercise, should be recommended. } *or smearing*

In all consumptive complaints, small and repeated bleedings, suited to the strength of the patient, and the degree of inflammation, should be attended to.

Suppuration is often prevented by setons, issues, or open blisters on the chest. *these may be used also where pain in any part.*

The external parts should be well defended from the cold air, by wearing flannel next the skin.

Vegetable acids, and fruits of all kinds, should be used with freedom; they seldom increase any colliquative diarrhoea: *it is always necessary to keep bowels open by French plums &c. with now and then a dose of Calomel.*

In the inflammatory stage of tubercles, their suppuration should be avoided by the means employed above; yet they are sometimes in a more indolent state, when their resolution has been effected by small doses of ~~mercury and~~ cicuta: in the *tubercles mesenterica* of children, which is a similar disease, though the affection of a different organ, I have experienced good effects from such a combination.—Vide *Formul. Select.* No. 105.

In cases of hectic, accompanied with early debility, and little apparent inflammation, I have experienced good effects from myrrh, particularly as recommended by Dr. Griffith.—Vide *Formul. Select.* No. 132.

In no cases have I seen any good effects from the use of bark.

A strong decoction of sarsaparilla, or the powder in substance, will frequently diminish the exacerbation of hectic fever: *while under mercury, or in cases of determination of eruptions.*

The common drink may be either Seltzer or Bristol water, or common whey: *or Apes Milk. Cow's Milk in Lime water when much diarrhoea.*

Balaanus and gums are generally injurious by increasing irritation: see Fothergill (except his ideas about myrrh) Myrrh appears to have less stimulus but more tonic power than any other of the gums. Lichen Island, when it agrees may be used as food.

Oily and demulcent remedies seldom afford any permanent relief, the former clog ^{and turn sour in} the stomach, and encrease the fever.—Vide *Formul. Select.* No. 126, 181.

In general it is proper to quiet the cough by opiates.

Colliquative sweats may be moderated by the Vitriolic

Acid.—Vide *Formul. Select.* No. 3, 4. And the diarrhoea

by No. 58, 124. Inhalat. of Hydrogen or others gases

only of temporary benefit for the time. see Reddels.

Dr. Richd. Pearson on Inhalat. of Ether in the Lungs in which

inflammation has been infused. — Bow House of Biddens —

OF INFLAMMATION OF THE STOMACH.

Idiopathic very rare disease —

The symptoms are, an acute pain in the region of the stomach; a sense of internal heat in the part; quick,

small hard contracted pulse; great anxiety and watchfulness; violent vomiting, especially after taking any thing into the stomach; much thirst, with great prostration of strength; hiccup; delirium; cold extremities, and death.

This disease may be brought on by the sudden application of cold, the repulsion of eruptions, the translation of gout and other disorders, the operation of caustic and metallic poisons; by taking in cold drink while the body is warm, and by a large quantity of indigestible food.

Its fatal termination is in gangrene.

It is to be treated in the same manner as inflammation of other parts,

1. By large and repeated bleedings: *also leeches. after this.*

2. By blisters and fomentations.

3. By mild and demulcent laxatives.

4. By mucilaginous and oily diluents.

5. By remedies which may decompose the acrid and

caustic preparations of metals.

in cases of fault apply Mustard & Rauterie to the part it was inflicted from.

*Lintseed Tea, says
Tupincho, might be
used.*

*In diarrhoea where
opium of no use
to check it, give the*

*opium in form of
a clyster of ʒi, ʒss, ʒiij
in Inf. Chamom.*

*or the gentler acet.
astriugent as the
Tormental may be
taken by mouth.*

*clysters with ʒij
mag. Vitr. after
checking intestines
give a clyster of
100 drops of Laudan.
to allay the
irritation. —
in cases of fault apply Mustard & Rauterie to the part it was inflicted from.*

In the inflammation of the stomach, little or no medicine can be taken, till by bleeding the irritability of the organ is diminished.

It appears from dissection, that the stomach and intestines have been inflamed without any remarkable degree of pain being perceived by the patient: this has suggested the idea of different kinds of inflammation of the stomach, as phlegmonic and erysipelatous.

OF INFLAMMATION OF THE INTESTINES.

In the inflammation of the bowels there is a fixed *pulse quick* *and tenderness* pain in the abdomen, attended with fever, costiveness, *prostration of strength.* and vomiting; the pain is chiefly felt in the region of the umbilicus: *then of most seat of this disease.*

This disease arises from the same causes as produce inflammation of the stomach.

It may be induced by cholic, volvulus, or incarcerated hernia.

It terminates either by resolution, effusion of pus, or gangrene.

To the plan of cure recommended in inflammation of the stomach may be added the use of mild purgatives, in preference to the more drastic and less bulky ones. Vide *Formul. Select.* No. 122.

During the use of purgatives, it may be proper to give an opiate occasionally, which diminishes irritation, and often promotes the operation of the purgative.

The warm bath, with glysters, should be frequently employed.

blood letting, leeches, blisters, then give ℥j - iſ of opium and to be repeated every hour till pain abated and then give more opium (not pl. Rubei) but may. Vitis in 1/2 month. in small quantity and often repeated. washed calomel ʒi every four hours: patient sh^d be immersed in very warm bath, till becomes quite faint

In cases of volvulus and hernia, glysters of tobacco have been frequently had recourse to.

*Divided into
the acute and
chronic form.*

OF INFLAMMATION OF THE LIVER.

It may be distinguished either as affecting the substance of the liver, or the peritoneum which covers it.

The symptoms likewise vary according to the seat of the inflammation, either as affecting the concave and inferior part, or the more convex and superior.

The inflammation of the concave part of the liver is distinguished by the following symptoms :

wh. is increased on pressure
An obtuse sense of pain and weight in the right *hypo-*
chondrium; much heat, and anxiety at the *præcordia*;
the pulse at first slow, afterwards more quick; a sense of
fulness and tension in the region of the liver; a loathing
of food; sickness and vomiting; thirst; dry rough
tongue, becoming black; a pale sunk countenance, frequently of a yellow colour; troublesome hiccup.

In the inflammation of the superior and convex part of the liver, the pain is more acute, attended with difficult and painful respiration; the pain extends high in the cavity of the thorax, affecting the clavicle, and resembling pleurisy; there is generally some degree of cough, and the patient cannot lie on the left side.

In both cases there is great debility, and in general the disease is preceded by rigor.

This disease terminates on the fourth, seventh, or eleventh day, and the resolution is accompanied either with a critical diarrhœa, sweat, or a copious sediment in

the urine. If the inflammation does not abate, it terminates in suppuration.

The liver is subject to a more chronic inflammation, which terminates in scirrhus; *and may arise after the acute form is over.*

The remote causes of this inflammation are sometimes a præternatural enlargement of the omentum; the violent operation of emetics; sudden application of cold after the body has been heated; the irritation of acrid bile, or biliary concretions: *violent passions of mind*

It is a very common disease in warm climates, particularly in the East-Indies, and it frequently terminates either in suppuration or scirrhus. *Kingal Madras Carnatic & Cochin*

An early and judicious treatment renders it a less dangerous disease, than the inflammation of other internal organs.

A violent and continued hiccup, much fever, great thirst, a paleness and coldness of the extremities, while the other parts of the body are intensely hot, are the most fatal symptoms.

The liver frequently suppurates, the abscess sometimes *break within the abdomen.* pointing outwards; at other times pus is discharged by *when death takes place: or through the abscess into lungs and coughed up* stool; in general the body gradually wastes under the common symptoms of hectic, with frequent rigors and colliquative sweats.

The liver may remain in a scirrhus state for a long time without much inconvenience, especially if *when brought from hardening it seldom to be cured.* attention be paid to regimen; it however ultimately brings on symptoms of jaundice and dropy, which seldom give way to medicine.

The cure of this disease consists, *in acute form*

1. In early and liberal bleeding. *locally by leeches 8, 12, 14,*

2. In saline and antiphlogistic purgatives: *afterwards the time of day to discharge liver of its bile give Calomel as purgative for 5 or 6 days till it produces bilious stools: when evacuations have been had recourse to, to alluviate pain in stomach and vomiting must be relieved by opiates: you sh^d keep up use of mercury till it affects the mouth.*

3. Fomentations and clysters frequently repeated.
4. Application of blisters to the region of the liver.
5. In the use of attenuating and deobstruent remedies, particularly mercury, after evacuations have been employed.

The body should be kept in an easy posture; every thing which may heat, and excite fever should be avoided.

In the scirrhus state of the organ, mercury with cicuta has been found serviceable.—Vide *Formul. Select.*

No. 105. *till it produces tenderness of gums, this will sometimes require months to take these medicines before give way: the loss and keep up strength of patient.*

OF INFLAMMATION OF THE KIDNEY.

The symptoms are, a sense of heat, pain, and sometimes tumour and redness in the region of the kidney; a numbness of the leg and thigh of the affected side; the urine high coloured, and in small quantity, accompanied with pain, difficulty in discharging it. The patient in general can lie more easily on the diseased than on the opposite side.

vomiting.

There is generally nausea and vomiting, with much febrile heat and anxiety.

The disease is frequently preceded by a cold fit, terminating, as in other cases of inflammation, in intense heat.

The kidney is subject to suppuration and gangrene.

Delirium, with pale urine, or an obstruction to its secretion, are fatal symptoms. The piles frequently relieve the patient. Pus is frequently discharged by urine, and is the most natural outlet in cases of suppuration; at other times it is effused into the cavity of the abdomen, and is productive of hectic symptoms.

Splenitis. seldom occurs. Acute pain and fulness in mass of spleen in part, with pain in left shoulder, vomiting, pyrexia.
Treat. Bleeding generally and locally &c.

The causes of this disease are wounds, contusions, or calculi in the organ; violent exertions in attempting to carry great weights; concussions of the body, by violent exercise either on horseback, or in rough carriages; the suppression of hæmorrhoids, menses, or other habitual evacuations.

The cure is best effected by,

1. Bleeding, and the application of leeches to the hæmorrhoidal vessels. *Blister never to be applied.*

2. Emollient clysters and fomentations.

Tongue 3. Mucilaginous and aqueous diluents, whey, &c.

It has 4. By avoiding diuretics, and every medicine which *allows* has any direct tendency to stimulate and inflame the urinary passages; hence blisters are not admissible in this disease.—Vide *Formul. Select.* No. 127, 128.

OF STRANGURY.

A strangury is a difficult and painful discharge of urine, with a constant tenesmus.

It may be distinguished into the acute, as depending on inflammation; or chronic, as independent of it.

In strangury, the urine is discharged by drops, with a continual desire to empty the bladder; the stimulus quickly returns, and becomes intolerable.

With inflammation there is frequently fever, with much heat, and a great tension in the abdomen, pain in the region of the bladder, anxiety at the præcordia, and vomiting.

The causes of strangury are many:

1. The internal use of cantharides, camphor, turpentine, or other stimulating diuretics.
2. Inflammation of the bladder, sometimes, though seldom, terminating in suppuration.
3. Hæmorrhoidal tumours. *from contiguity*
4. Polypi in the bladder.
5. Gouty irritation.
6. Calculous concretions.
7. Obstructions in the urethra. *as this is most the*

In the case of strangury from the presence of *calculus*, there is little or no fever, great pain in the extremity of the penis, with an increased secretion of mucus in the urine; the only infallible test, however, is its discovery by the proper instrument introduced for that purpose.

When it arises from obstructions in the course of the urethra, from the sensation which such strictures produce, the patient frequently supposes the disease to be seated in the neck of the bladder.

In the case of inflammation, the cure is to be effected by bleeding, gentle laxatives, oily clysters and fomentations, mucilaginous and aqueous diluents.

The paralysis of the substance of the bladder occasions a difficulty of making urine, while a palsy of the sphincter of the bladder occasions an incontinency of urine.

In the former case, the urine must be frequently drawn off by the catheter, and stimulating clysters be frequently injected.

The chalybeate and tonic plan of cure generally succeeds.

In cases of incontinence of urine, to which persons advanced in life are extremely subject, the application

Opium glysters to allay pain

of blisters to the os sacrum, and the internal use of cantharides, have been successfully recommended. *Find*

OF RHEUMATISM.

This disease is distinguished into the acute, and chronic, the former accompanied with fever and inflammation, the latter with little or none.

The symptoms of the acute rheumatism are lassitude; *Rheumatologia* rigor; a sense of weight and coldness in the extremities; a quick pulse; thirst; great restlessness, and obstinate costiveness. The tongue is generally very foul, and covered with a white mucus. In a day or two after the attack, an acute pain is felt in one or more joints of the body, which is soon followed by tumour and inflammation; the pain and tumour are very moveable to other joints; the urine is very high coloured, and frequently deposits a sediment; the pulse is generally very strong *large* and quick, and there is sometimes a disposition to profuse sweating, which seldom affords the least relief.

There are transitory and acute pains in the chest, and muscles of the body, with symptoms of cough and catarrh: *or to the head and produces delirium when fatal generally.*

The acute rheumatism is not a disease which proves frequently fatal, but it leaves the body extremely weak, very irritable, and much disposed to a relapse.

It has no regular period of termination; it sometimes is protracted to several weeks, though it shews an early tendency to remission.

The chronic rheumatism is not so much of the inflammatory nature, and is marked chiefly by irregular and *Rheumatism*

immoveable pains in different muscles of the body, often affecting their tendinous aponeurosis and ligaments, without tumour or inflammation; such pains are greatly influenced by the state of the weather.

The rheumatism seldom occurs in warm climates; in this country it generally prevails in spring and autumn.

The most frequent occasional cause is the sudden application of cold to the heated body, especially if at rest; it operates more powerfully when attended with moisture, and when applied to the body with less than its usual covering.

It is a disease which attacks every age, but more especially those of a plethoric habit, who indulge much in animal food, and lead an inactive life.

The inflammation is chiefly seated in the vessels running on ligaments and the aponeurosis of muscles, and extending afterwards to the cutaneous vessels.

It seldom suppurates, but often terminates in a gelatinous effusion in ligamentous and tendinous parts, which produces a stiffness, and sometimes an ankylosis of the joints.

A sensible and gradual diminution of the fever and inflammatory symptoms is preceded either by a moderate increase of perspiration, a copious sediment in the urine, or a diarrhoea.

Sometimes a fatal translation of the disease from the external parts to the head, with delirium and pale urine, kills the patient. *or pain in chest.*

In the acute rheumatism, the cure is to be attempted by,

1. Bleeding, either general or topical. *never more than once or twice*
2. By diluents, nitre, and the other neutral salts.

In lumbago pain on outside of leg and thigh

*anal. in Scrophul.
habit*

*Local bleeding and
blestems, as. Anem.
rest. in Vin. Ant.
or Spig. Salom. and Jost. &c.
with local bleeding blisters.*

3. By uniting antimonial with purgative remedies. *saline* in 1st instance, and then
 4. By the use of bark in cases of remission. *quin. calomel occasionally and Digitalis: butlers plan unsuccessful*
 5. By Guaiacum, and volatile medicines after evacuations have been employed. — Vide Formul. Select. No. 17, 29, 97, 98, 137.

In the chronic rheumatism, the cure should be conducted; *relieved by warmth, never smothered: part feels cold.*

1. By warm and volatile remedies, either taken internally, or applied externally:

2. By external warmth, *with hot brine* friction, and electricity. *galvanism*

3. By mercurial alteratives, joined to antimonial preparations: *Guaiacum R: Mustard Seed Sulphur Sy. q. s. of Elect.*

4. By the temperate and warm bath, such as those of Buxton and Bath, preparatory to the use of sea bathing and the cold bath:

*Vapour bath.
 Bigboroughs
 exhausting machine
 reason to suppose will
 be of use in some cases
 Euphorb. Plaster.*

5. In many cases, blisters, stimulating plaisters, and even the actual cautery, or moxa, has been successfully employed. — Vide Formul. Select. No. 165.

There are many instances, as in the lumbago and sciatika, which are generally considered as chronic rheumatism, as not being attended with external appearance of inflammation, which give way chiefly to bleeding and purging, in preference to the warm and stimulating practice generally employed.

Sciatika when enlarged may be reduced by a stream of hot water continued for some time each day: when pain and want of motion is in the muscles as the Dillard you must have measures to the leading of this muscle: or use the theme of Rhy. Resin and then mix it with oil of turpentine and then spread on leather.

OF THE GOUT.

This disease is difficult to describe, though it chiefly shews itself by an affection of the joints, yet it often attacks internal parts, and assumes the most irregular and anomalous appearances.

It may be considered either as hereditary or acquired; or as being regular or irregular: it has likewise been distinguished as seated in different parts of the body, giving rise to the terms *podagra*, *chiragra*, *gonagra*, &c.

A paroxysm of the gout is generally preceded by lassitude, torpor, and dejection of spirits; loss of appetite, nausea, acidity, eructations, flatulency, costiveness, and other disorders of the *primæ viæ*.

The paroxysm begins with a severe pain in the foot, generally in the great toe; a sense of coldness in the legs; some degree of *horripilatio* and fever.

The pain becomes more severe, affecting the tarsal and metatarsal bones; towards the morning the parts begin to swell and inflame; a gentle moisture on the foot comes on, and the fever and pain abate; the symptoms return again towards the evening; the mind is very irritable; the urine is high coloured, and deposits a sediment; the tongue is foul, and the body is costive. The more acute the paroxysm, the shorter in general its duration; it terminates usually with an itching of the parts, and a desquamation of the cuticle.

Though in young habits, and on the first attack of the disease, it is generally confined to the feet; yet in more violent and unfavourable cases it attacks the other joints of the body, leaving them extremely weak, with a disposition to the secretion of a chalky matter. In these cases the disease is protracted almost the whole year, and seldom leaves the patient entirely; the paroxysm is rarely critical and sufficient for relieving the system; the strength is gradually impaired, and the disease falls on internal organs, producing apoplexy, lethargy, palsy, asthma, and inflammatory affections of the stomach and other viscera, nausea, vomiting, diarrhoea, &c.

*Rheumatism seldom
preceded by nausea
attacks large joints
seldom attacks before
puberty, seldom
greater pain in gout
— during time of
as well as during
rise. Gout and
rheumatism are
often combined.*

*Its proximate
cause a desideratum
perhaps depending
on the formation
or absorption of
lithic acid*

This disease generally attacks men, seldom women, virgins or eunuchs; chiefly those of a sedentary and studious life, of a full and plethoric habit, and who have indulged much in the use of animal food, fermented liquors, and venery.

It is frequently hereditary, in which cases it occurs independently of any abuses in eating and drinking.

In constitutions naturally predisposed to it, it is invited by the application of cold to the feet; by fatigue or anxiety of mind; by repeated bleeding, as tending to weaken the body; by violent sprains; by oily and indigestible food: *spirituous liquors*

From the fullest attention to the symptoms and remote causes of this disease, it would appear that plethora and debility joined, constitute its proximate cause, and to the removal of which, inflammatory action, especially in the extremities, are excited.

The more severe and painful the paroxysm is, the shorter is its duration, and the intermission is the longer.

A regular paroxysm of this disease contributes much to the cure of other disorders, and the restoration of the body to perfect health.

The disease is more easily cured in young persons than in old.

There is no effectual cure for hereditary gout, or in cases where the disease continues to attack indiscriminately every joint of the body, and to produce chalky concretions.

In conducting the cure of this disease, we should consider the means proper to be employed either in the intermission, or in the paroxysm; we should likewise attend to the remedies necessary to palliate symptoms.

In the intermission the digestive powers should be restored by the occasional use of tonic and chalybeate remedies, such as Bath water, &c. By keeping the body soluble; by using exercise; by the flesh-brush; by going to bed early, and rising soon in the morning; but above all, the moderate use of animal food and fermented liquors; and in some cases of inflammatory and hereditary gout, by a total abstinence from animal food and spirituous liquors, confining the diet to milk and vegetables.

*cold bath: of
conseq. to prevent acidity
from taken place
in stomach as Syphilis
To prevent an attack
some have taken Tanning
Sulphur. Bileworms
said to be used as a
nasturtium, dose a
wine glass full every
two intermissions.*

During the paroxysm of a regular gout, little more is necessary than to moderate the fever and keep the belly soluble, *and moderate degree of perspiration.*

*In gout, flow in
veins, when disease
is remote*

In the case of ineffectual efforts on the extremities, and where the internal parts are affected, the application of blisters, and warm opiates taken internally, will answer the desired purpose.—Vide *Formul. Select.* No. 143.

In violent cholic or diarrhoea, opiates and clysters answer best.

In nausea and vomiting, a gentle emetic of ipecacuanha, and afterwards an anodyne; warm cataplasms and plaisters to the region of the stomach, often do good.

In all cases of gout it is necessary to keep the surface of the body warm, but more especially the lower extremities, so as to keep up the cuticular discharge.

OF ERYSIPELAS.

called. Shingles and St. Anthony's Fire

It is an inflammation of the skin, much disposed to spread ^{rapidly} over a large surface, accompanied with pain, heat, tumour, and redness, or purplish hue

*Divided into
Erysipath.
Symptomatic.*

It is generally preceded by a considerable degree of rigor, terminating in the hot fit of a fever, thirst, restlessness, frequent ^{and hard} pulse, inflamed blood, ^{great} prostration of strength, pain in the head, vomiting, delirium, and coma.

On the second, third, or fourth day, the skin becomes tense and tumid with redness and pain, and is frequently covered with pustules, containing a thin fluid, considerably elevated above the skin, after which the fever generally abates.

The tumour continues to spread, and often attacks the lower extremities, abdomen, and glandular parts of the body, but more frequently the face: there is often a general enlargement of the head, with stupor and delirium.

If the disease terminates favourably by resolution, the tumour gradually subsides, the pain and fever abate, the skin becomes of a yellow colour, and there is a disquamation of the cuticle.

If the disease terminates in suppuration, it is of a phagædenic and gangrenous kind, and seldom proves favourable. *premature to what it appears, livid, pulse weak & irregular*

The disease is sometimes contagious, and a morbid ^{more frequent in} and malignant acrimony seems to be introduced into the habit: ^{often habits which are liable to purples and turn highly.} owing to a particular condition of the atmosphere.

The erysipelas is easily distinguished from phlegmon, by the effect of pressure, the disposition to cover a large surface, and the termination of suppuration not productive of healthy pus.

In more gentle attacks of this disease there is seldom danger, but in violent attacks, especially on the head, with delirium and coma, the danger is considerable; the

pulse not to be relied on as the pulse often changes very rapidly

degree of danger in this disease may be in some measure ascertained from the state of the pulse, and the degree of the *vis vitæ*.

blister to the part and at same time to shoulders

Erysipelas, repelled from the surface of the body, frequently induces internal inflammation, asthma, convulsions, and proves generally fatal. *blister*

The indications of cure are to moderate the fever, and to promote the necessary secretions; in many cases of malignant erysipelas, the *vis vitæ* must be supported, and every means employed to keep up the inflammation on the external parts.

bleeding seldom necessary except in strong robust habits: purging as it calms only on high fed & moderately cool: in winter salina mixture in Town, bark

The fever may be moderated by bleeding, according to the degree of strength in the patient, by diluents of the aqueous and demulcent kind, by gentle laxatives, and mild diaphoretics.—Vide *Formul. Select.* No. 19, 27, 122, 139.

The *vis vitæ* is supported by blisters applied to the extremities, or sometimes to the neighbourhood of the diseased part, and by warm and cordial medicines.

In cases of gangrene, with a sunk low pulse, the bark and serpentaria should be given freely.

In general, however, the disease, being of the inflammatory kind, may be greatly aggravated by a stimulating and cordial regimen.

Stimulants? bold and sedative to be applied with great caution

The best application to the inflamed parts is the farina of oatmeal, and perhaps other farinaceous matter; all repelling and oily applications should be avoided.

In the cure of gangrene, the same means are recommended as mentioned in page 40.

Scrophulous allied to Erysipelas: single vesicles filled with a fluid, some local, as others attended with fever. *Carbuncle* • 60. allied to Erysipelas only affecting skin deeper

All ointments sh^d be fresh made and never with rancid oil

OF THE SMALL-POX.

This disease may be divided into four stages :

1. The primary fever.
2. The eruption.
3. The suppuration.
4. The secondary fever.

It generally commences with horripilatio, succeeded by heat and universal pain, more especially of the head, loins and throat; thirst; heat; restlessness; a quick hard pulse; nausea; vomiting; redness of the eyes, and drowfiness.

The patient frequently complains of a pain in the stomach, sometimes in the side, or the region of the kidney.

Adults have profuse sweating, and infants epileptic and convulsive fits.

This fever generally lasts for a few days before the eruption appears, and is usually of an inflammatory nature.

In the confluent small-pox the eruptions begin on the second or third day; in the distinct kind, on the third, fourth, or fifth day from the attack of the fever: it appears like flea-bites, first on the face and upper extremities, and afterwards on the trunk of the body and lower extremities; becoming inflamed, elevated above the skin, and painful. In the confluent small-pox the fever abates but little, on the appearance of the eruption; in the more distinct kind it frequently altogether disappears. About the sixth day after the eruption is completed, in the confluent small-pox, and sometimes even in the more

distinct, a salivation comes on; in infants there is frequently a diarrhoea.

The fauces become inflamed, painful, and attended with a difficult deglutition. About the seventh day the eye-lids swell, and are glued together, so that the patient is generally blind for a few days. The face generally swells, the basis of the pustules become red and inflamed; about the eighth day they tend to suppuration, which finishes the process of eruption.

The pustules are distended with pus; first on the face, afterwards on other parts of the body, in the order in which they appeared; the saliva becomes very tough and thick, the fauces become more inflamed, the skin is very painful, and the patient cannot sleep; the process of suppuration is generally finished about the tenth day.

The pustules then begin to dry, to turn yellow, first on the face and upper extremities, afterwards in the lower extremities. A secondary fever frequently comes on, especially in the confluent small-pox, with a hard full pulse, much thirst and anxiety, and symptoms often of peripneumony, or pleurisy; the inflammation on the face gradually subsides, the spitting is greatly diminished, the arms and hands are generally much swelled, which continues to increase until the tumour on the face, and the salivation entirely subside.

In the secondary fever, delirium, coma, and inflammation of some of the internal viscera often kill the patient; sometimes the viscosity of the saliva, the tumour of the fauces, and infarction of the nose threaten suffocation.

In general, the fate of the patient is determinable from the eleventh to the seventeenth day. The skin is covered over with a dry crust, which afterwards separates

*pus, &c.,
leaves.*

and leaves frequently a mark behind. The crisis of the secondary fever is either accompanied with a diarrhœa or sediment in the urine.

It is difficult to distinguish the febrile attack in this disease from many others, the pain in the stomach and drowsiness are the chief pathognomonic symptoms.

After the eruption appears, the regular succession of symptoms in the various stages of the pustule, renders the distinction easy.

In the chicken-pox there is little fever, either preceding or accompanying the eruption; the pustule does not always begin in the face or upper extremities; it matures sooner, and disappears more early and suddenly. Like the natural small-pox it may be communicated by inoculation, which should be carefully attended to in the choice of variolous matter.

The small-pox are most favourable when the eruption is late and slow in its progress; the most malignant small-pox rage chiefly in the autumnal months, or beginning of winter.

The disease is generally milder in children than adults.

If the pain in the stomach or side be severe, it generally precedes the confluent small-pox.

The more confluent the disease, especially on the face, the more danger there is, particularly if the fever remains during and after the eruption is completed. Delirium after the eruption is bad; a sudden depression of the pustule, or swelling of the face, with a suppression of saliva, is unfavourable.

Much redness and inflammation about the basis of the pustule, is more favourable than paleness and flatness.

A whitish viscid pus distending the pustule is favour-

able as opposed to a brownish, thin, ichorous, and frequently bloody fluid.

Livid, flat pustules, with hæmorrhagy, prove immediately fatal.

Before the practice of inoculation, this disease used chiefly to appear in the spring and summer, more rarely in autumn, and generally subsided in winter.

Youth are the most susceptible of infection; fear and grief, by weakening the body, subject a person more readily to infection.

It only seizes a person once during life.

The occasional cause of the disease, is the introduction into the body of a poisonous ferment, which acts by assimilating the animal fluids into its own nature.

The variety in the disease already described, depends on the temperament and state of the body at the time of its application, and not on the nature of the variolous fluid.

The violence of the small-pox is greatly diminished by *inoculation*.

The advantages of this practice are chiefly the following :

1. The choice of the subject, the time of life, and season of the year.
2. The preparation by regimen and medicine.
3. The avoiding the usual occasional causes which aggravate the disease.
4. By the choice of the matter, and manner of applying it, and probably from its being then in the early period of infection.
5. The introduction of a very small quantity of the matter.

6. The occasional use of purging after the inoculation.

7. Free exposure to cool air.

The practice of all these measures have tended greatly to moderate the disease.

The indications of cure in the small-pox are,

To moderate the primary fever, so as to produce a distinct, instead of a confluent eruption.

This is done by bleeding, in cases of violent action in a full and plethoric habit; by vomiting and purging, which should be attended to in almost every case on the accession of the disease; by the use of acids, and cooling diluents; and by keeping the body in cool air.

calomel purge

In every stage of the small-pox, animal food should be avoided.

In the convulsions of children which precede the eruption, an opiate is of great service.

If the fever should continue after the eruption, it may sometimes be necessary to bleed, but more generally proper to promote purging, and to encourage the application of cold air.

If loss of strength should supervene, with symptoms of putrefaction, a petechial appearance on the pustule, and other symptoms of debility, interrupting the process of suppuration, Peruvian bark with acids may be given with great advantage.—Vide *Formul. Select.* No. 67, 68.

emetic

Dr. Sydenham has recommended to give small beer, and the *spirit. ether. vitriol.* freely in cases of great malignancy, and in suppression of urine to take the patient out of bed and expose him to cold air. *cold affusion.*

In cases of pain, restlessness, and anxiety after the eruption, and through the whole course of the disease, an

opiate may be given with advantage, taking care to avoid its costive effects by soluble medicines.

In cases of great danger, either from debility, or the sudden translation of the external swelling, it is proper to apply blisters to different parts of the body; if the throat and fauces are particularly affected with *brisk vomiting* a tough saliva or mucus, blisters to the throat may be used with advantage.

In the secondary fever, symptoms of inflammation frequently and suddenly come on, which require bleeding and purging.

In some cases symptoms of putrescency come on, which may require gentle purging, but more particularly give way to bark and acids.

In some cases, especially in infants, symptoms of suffocation and difficult breathing occur, which give way to nauseating and even emetic doses of antimonial remedies.

There is no disease in which artificially prepared pure air, (*Oxygen Gas* of the modern chemist) seems more applicable than this.

All anomalous appearances of small-pox are bad, under which are included the crystalline, filiquose, and verrucose, which are to be treated as the violent kinds above mentioned.

Infection is best prevented by attention to cleanliness, and avoiding every communication with the infected person, or those who have frequented the house, or come into contact with his clothes.

Cow Pox (History of it) arose from Gnuase in horses: requires but little attention: matter to be taken as early as possible: never sooner than the third or fourth day: 6th day a bluish white colored vesicle. 8th the center as a dark line in middle of the white vesicle 10th anuclea (at this time matter must not be taken) 14th is completed, and remains as a dark colored scab which falls off in about 14 days. Abs. time of anuclea taking place there should be a slight suspicion of fever to preserve patient from more after having the small pox; where pustule is merely local, with any constitutional affection patients should never be considered as safe, even if the pustule sh^d put on its proper and peculiar appearance. If infl. takes place when scab formed purge, apply Dr. Little's Lint. to the part.

OF THE MEASLES.

This disease has three stages :

1. Of contagion.
2. Of eruption.
3. Their change into a farinaceous state.

It begins with rigor, succeeded by heat, thirst, white *fever either* tongue, head-ach, drowsiness, *Synoch. or Typhus.* sneezing, cough, with symptoms of catarrh, watery inflamed eyes, sometimes sickness and vomiting. *hoarseness*

About the fourth day there are seen small red spots, *like flea bites* running together, and somewhat elevated above the skin; they appear first on the face and upper extremities, and afterwards on the trunk of the body and lower extremities. *these feel rough*

The sickness or vomiting generally abates, but the cough and fever often continue, with difficult respiration and symptoms of peripneumony.

The patient frequently sweats profusely, and is seized with diarrhœa.

About the sixth day the pustules dry on the face, and afterwards on other parts of the body, and there is a desquamation of the cuticle.

About the ninth day they are not to be perceived, but the body is covered over with a kind of farina. The fever should abate about this time, but very often is accompanied with symptoms of peripneumony; a diarrhœa sometimes continues obstinate after the disease is over.

The symptoms are relieved either by hæmorrhagy, sweating, diarrhœa, or a sediment in the urine.

*J. — Huschman —
 Watson Med. Obs. Vol. 1. Part 1
 — Sydenham —*

The disease arises from the application of a peculiar poison, which is more volatile and diffusive in air than that of the small-pox; it principally affects the mucous membrane of the body.

The diagnosis is determined by a knowledge of the prevailing epidemic, sneezing, coughing, and the watery inflamed eyes, together with the eruption.

The disease is most dangerous when the eruption is slow: a gentle diarrhoea and a soft skin moderates the fever. The sudden disappearance of the eruption, with delirium and any livid appearance, threatens immediate death.

Contia injunctis: the acids and simple bitters early purging with calomel would perhaps be useful.

Much redness or paleness, prostration of strength, vomiting, restlessness, difficult breathing, or petechial spots announce much danger.

It generally rages from about the month of January, until the vernal equinox, and disappears in July.

It generally attacks children, and persons of weak and delicate habits.

only in adults = local bleeding in every case relieves much, mild purgative early diet. (if diarrhoea comes on must not be checked by opium but bleed) where liches have come no good then apply a large blister: when stomach full an emetic of ant. tart.

The disease is most successfully treated, first, by bleeding, which relieves the cough, and peripneumonic symptoms; a light vegetable diet, cooling and acidulated liquors.

In order to mitigate the cough, pectoral medicines and anodynes are to be employed. *Much in little opium*

Persons in the measles do not bear cold air, as in the small-pox: *a medium temperature*

Any tendency to hectic and consumptive disorders should be obviated by moderate exercise, country air, a milk and ascetic regimen; issues and open blisters frequently relieve the internal parts, and make a successful effort towards the external parts of the body.

In some cases, though rarely, the measles have assumed a malignant form, and required ~~back~~ and antiseptic medicines. *as acids.*

OF THE DYSENTERY. *Sir Geo. Baker*

This disease is accompanied with fever, tenesmus, and *Dr. Akenhead* frequent stools, with pain in the bowels; in general the stools are extremely putrid, and tinged with blood.

It may be distinguished into the sporadic or epidemic, into the more mild and malignant, into such as is attended with blood, or only the abraded mucus of the bowels.

The history of the disease is as follows :

The patient for some days complains of a loss of appetite; distension of the abdomen, with lassitude; a horripilation, which is succeeded by a quick pulse, great heat, restlessness, nausea, vomiting, pain in the stomach, anxiety of the præcordia, violent griping, frequent small stools, which are bloody, sanious, and mucous, often in a putrid state, and mixed with fleshy, skinny, fibrous matter; much *borborygmi*, and flatulency, tenesmus, strangury, and *prolapsus ani*; great debility, a sense of burning heat in the internal parts, with cold extremities, hiccup, and cold sweats; in the last stage the pain disappears, and the fæces are discharged involuntarily; the pulse sinks and intermits before death.

It appears from the dissection of morbid bodies, that the colon and rectum are chiefly the seat of the disease; they are preternaturally thickened, exulcerated, and the villous coat abraded, and there are ichorous pustules on the internal surface of the great intestines.

It is distinguished from diarrhoea by its being accompanied with more pain and tenesmus, as well as bloody stools; the fever, however, which is most generally of the putrid kind, is the chief distinction.

This disease is very uncertain in its event; it is most dangerous when it attacks weak and scorbutic habits, persons advanced in age, or gravid women.

Vomiting with hiccup are dangerous symptoms.

An universal and gentle moisture on the skin, together with a sediment in the urine, are favourable symptoms. Convulsions with delirium, a very quick and weak pulse, are bad symptoms. *Aphthæ* in the throat, with dry fauces and difficult deglutition, threaten immediate danger.

The dysentery attacks those who have been formerly subject to it, and such as have any constitutional debility of the stomach or intestines, who have been subject to bilious complaints, and who have suffered from improper and corrupted food. An improper exposure to cold and moisture, especially in hot countries, readily induce it.

The epidemic dysentery rages chiefly in the autumnal months, when the evenings are cold after very hot days.

It is a contagious disease, and generally arises from putrid matter introduced into the body.

It is greatly favoured by that state of atmosphere which promotes putrefaction.

The cure of dysentery is best conducted by evacuating the *primæ viæ* early.

For this purpose the combined action of emetics and purgatives proves the most successful.—Vide *Formul. Select.* No. 173.

It is chiefly after large evacuations, that ipecacuanha in small doses, or opiates to palliate tenesmus, do good.

The operation of rhubarb is too inconsiderable here, and the more active stimulating cathartics, as calomel and the resinous purgatives, frequently irritate and inflame.

*Opium cum
Calomel:
followed by
ol. Ricini
Diaphoret.*

The neutral salts answer best, nor are we to be discouraged from their use by the frequency of stools, which are generally little more than mucus evacuated from the rectum by tenesmus, while hardened fæces are often lodged in the colon.

*followed
by the
Diaphoret.*

In some cases where the patient is of a very plethoric habit, and symptoms threatening inflammation come on, bleeding may be proper.

The acrimony of the contents of the intestines should be diluted by mucilaginous and demulcent fluids, emollient clysters, and sometimes with opium, which takes off the irritation, and quiets the tenesmus.

The occasional use of opiates does good, mixed occasionally with ipecacuanha, as in Dover's powder.—*Pulv. Ipecac. comp.* (Ph. Lond.)

Astringents are only safe and proper after evacuations have been employed, and when the disease is kept up by the weakened and irritable state of the bowels.

In some cases it may be necessary to employ fomentations and even blisters to the abdomen.

Great care should be taken to avoid exposure to the effluvia of dysenteric stools, and the other occasional causes of this disease.

In cases of diarrhoea, astringents and opiates may be used with more freedom; rhubarb answers best in such cases; stomachic and tonic medicines, with bitters, are very proper, and necessary to prevent a relapse.—Vide *Formul. Select.* No. 95, 153, 154.

*in chronic
form*

*Calomel. Lement Glysters. in those of
long standing. Livers becomes affected
usually hinders the use of mercury to*

OF CHOLERA.

In this disease there is a constant and violent discharge of bile by vomiting and purging.

Occurs oftentimes in bilious habits and in people who are very irregular in state of bowels.
The disease is preceded by nidorous eructations, heart-burn, pain of the stomach and intestines; afterwards excessive vomiting and purging of a bilious matter of different colours; distention of the abdomen; quick, weak, and unequal pulse; pain, and spasm of the extremities; violent pain in the region of the umbilicus; retention of urine; cold sweats; hiccup; palpitation of the heart, and universal convulsions.

small beer, cyder; eating the stone fruits of the autumnal crops.
The remote causes are, food of difficult digestion, as rancid butter; the colder fruits, such as cucumber and melon, and perhaps most fruits used in excess; active and violent purgatives; poisons; violent passions of the mind, and very acrid bile.

This disease prevails in the autumnal months, from exposure to cold evenings, after very hot days.

A gradual diminution of symptoms, especially of the vomiting, succeeded by sleep and a gentle moisture on the skin, affords a favourable prognosis; while spasm of the extremities, with great debility and intermittent pulse, with foetid vomiting, is unfavourable.

Give a large opiate if well if repeated often till pain abates, at some time drink much liquid as chicken broth or hot tea with little sugar mixed in it.
The cure depends upon early dilution, and promoting the vomiting by chicken broth, warm water, and the like; frequent emollient clysters are likewise proper. In case of spasm and convulsions, opiates should be given with freedom.

When put cold warm bath; when vomiting and purging checked give him pills and medicine as in case of all acute morbid de haemo; opiate to be repeated once or twice a day as const. opiate. in Inf. Colic. and 2nd.
Anodyne and warm plaisters may be applied with advantage to the abdomen.

The diarrhœa should not be suddenly or totally checked.

The tonic plan by bark and chalybeates may be employed towards the last to remove the predisposition to a relapse: *keep body warm, and bowels regular by gentle aperients as St. Aseni. when followed by castor oil, mucilage, or diarrhœa asurgents and tonics.*

OF HÆMORRHAGY.

By hæmorrhagy we mean an ^{accidental and preternatural} effusion of blood from the vessels of a living body.

It may be distinguished into active or passive; by the former we mean hæmorrhagy depending on an increased action of the vessels, either of a particular part or of the whole body, generally preceded by a febrile paroxysm, and attended with inflamed blood; by the latter we mean such as either depends on some local injury, or on the diseased state of the animal fluids, and which is not necessarily accompanied with inflammation or fever.

It is more particularly the former, or active hæmorrhagy, which we shall treat of in this place.

Active hæmorrhagies generally occur in plethoric habits, and those of a sanguine temperament; they appear in the spring or beginning of summer. *and are generally arterial*

A sense of weight, oppression, tension, or heat, are generally felt in the region of the part, before the blood appears. There is frequently a cold and hot stage of fever, which precedes the hæmorrhagy.

The pulse is generally full, frequent, and hard, and becomes softer as the hæmorrhagy advances.

When hæmorrhagy depends on internal causes, it is very apt to recur, and sometimes at stated periods.

Hæmorrhagy, from an internal cause, is owing to an increased determination of blood to a particular part, producing a greater action of vessels in that part, by which the blood is poured into vessels whose capacities do not naturally receive it, so that their extremities are distended, and an effusion takes place.

As the growth of the human body does not proceed equally in every part of it, the causes of distension are unequally applied; some parts of the body are necessarily first evolved, therefore they acquire their utmost bulk sooner than others.

This appears to be particularly the case with regard to the head, the parts of which are first evolved, and therefore soonest acquire their full size.

Hæmorrhagy of the nose is that which occurs first, from any increased determination of blood to the head.

This hæmorrhagy takes place before the period of puberty.

An hæmoptoe is the hæmorrhagy which takes place after the age of puberty, from a defect in the balance between the system of the aorta and the pulmonary vessels, or from an inequality of growth, giving rise to a narrow chest, and a consequent impediment to the free action of the lungs.

From the period of puberty, to thirty-five years of age, hæmoptoe most generally takes place.

In the latter periods of life, hæmorrhagies occur chiefly from the venous system, as from the extremities of the hæmorrhoidal veins.

Venous blood effused on the internal surface of the bowels, produces hæmorrhagy of a black coloured blood.

Venous blood, effused into the cavity of the cranium, produces apoplexy.

So that the disposition to arterial hæmorrhagy is in the early periods of life; to venous hæmorrhagy in the more advanced periods of life.

The remote ^{causing cause of} causes of hæmorrhagy are,

1. External heat. *Phlebotomy*
2. The sudden diminution of the weight of the atmosphere.
3. Whatever encreases the force of the circulation, particularly violent efforts, and the violent action of such parts, as are more especially susceptible of hæmorrhagy at particular periods of growth; thus, violent speaking, or any other violent exercise of the respiratory organs, may produce hæmoptoe: *anger, interference.*
4. Particular postures of the body, and ligatures, producing great pressure, and therefore favouring local congestion.
5. External violence.

6. Cold externally applied, and thereby determining blood more forcibly on the internal parts? *it stops hæmorrhage*

Though hæmorrhagy may sometimes be supposed to produce its own cure, and that a necessity for it, from plethora, prevails in the body, so as to render it dangerous to check it, yet in general it ought to be avoided, and the recurrence of it always rendered unnecessary by means the most effectual for reducing plethora. *as it soon becomes habitual*

All hæmorrhagies but the menstrual are preternatural, and such as ought to be checked, and their return guarded against by every possible means: *when from large vessels must be*

The plethoric state of the system which favours active hæmorrhagy, may be moderated, *immediately checked*

sublimatione, 1. By avoiding animal food, by the use of a vegetable and astringent regimen: *milk, water,*

even clothing
cold bath, turn
for air 2. By moderate exercise, so that the *egesta* shall be in a due proportion to the *ingesta*. In the use of exercise, regard is to be had to the seat of the hæmorrhagy; perhaps riding on horseback is safer than walking.

before patient
must be made
change of place
May in Ventr
Inf. Roca. 3. By proper evacuations, such as blood letting, and purging, especially the latter, as the former frequently encourages the return of plethora: *leeches, cupping to fast.*

4. By acids and neutral salts, such as nitre.—Vide *Formul. Select. No. 3, 139.*

Nitric. acid Hæmorrhagy itself may be successfully moderated by avoiding any irritation; by the antiphlogistic regimen, and cool air; by the use of nitre, *in a debilitated state* and acids; by blood letting, especially when the loss of blood is attended with any considerable degree of fever, or been preceded by a cold fit: *in an acute posture and drawn quickly, leeches.*

Vomiting not
necessary,
unless only
P. Spec. of
very 1/2 hour
the nausea Emetics by some have been recommended in hæmorrhægies, especially in hæmoptoe; they have been found useful in uterine hæmorrhagy. *strongly* *opisthotic*

In some cases of very profuse hæmorrhagy, astringents may be safely applied; they always act with most power when they can be applied to the seat of the disease.

The vegetable astringents are very weak, except in hæmorrhagies of the primæ viæ.—Vide *Formul. Select. No. 57, 58, 59.*

The preparations of iron increase active hæmorrhagy by their stimulus on the heart and arterial system; they ought not to be employed in hæmorrhagy, but such as is of the primæ viæ, to which parts they are locally applicable.

The preparations of lead are more powerful, but we

In hæmorrh. in females always attend to the uterine system.

Digitalis. must used with success. P. ter die in Inf. Roca.

are restrained in the use of them, from their deleterious effects.

Alum is probably the best fossil astringent, and liable to the fewest objections.—Vide *Formul. Select.* No. 11, 12.

Cold water directed on the part, and even sometimes when applied to the surface of the body, acts as an astringent.

Opiates may be employed with advantage when the fullness of the habit has been reduced by bleeding, *when pain in part.*

Fainting or *deliquium animi* frequently check active hæmorrhagy: *& facilitate this let pat. keep erect.*

The general doctrine of hæmorrhagy being explained, the application of it to cases of particular hæmorrhagy is easily made. *In Pueris 76. 6 unsp. acet. ff. 5-10. 1/2 1/2 1/2 every two hours in hæmorrhagia, at same time, use of the urine: blisters to a neighbouring part.*

OF THE SCURVY.

It is difficult to define this disease, its symptoms being so various and anomalous; though differing essentially from all other diseases.

Its remote causes are, cold and moisture, accompanied with corrupted animal food, a deficiency of vegetable food, and bad water.

It is a disease which rages chiefly at sea, and in northern latitudes.

It more especially attacks those who have been exhausted by preceding disorders, who are of an indolent disposition, and who are less attentive to cleanliness.

The blood, and other animal fluids in this disease, point out a process of decomposition having begun in the body.

The symptoms are the following:

Proximate Cause
a peculiar weakness
of the vessels
of the body and a
luxury in the mass
of the blood.

Weakness, lassitude, unusual fatigue on motion; difficult respiration; redness, tumour, itching, and ulcers of the gums; carious teeth, and foetid breath; weak, hard pulse, easily quickened on motion; high coloured foetid urine; pains and tumours of the tibia; muscular and transitory pains through the cavities of the thorax and abdomen; salivation; watchfulness; palsy of the extremities; hæmorrhagies from different parts of the body of seemingly dissolved blood; dry scabs; livid spots becoming phagedenic ulcers, terminating in gangrene; a livid countenance; irregular and remitting fever; palpitation of the heart; stricture of the œsophagus; rigidity of the tendons and muscles; dejection of mind; the breaking out of old ulcers; obstructed viscera; gangrene; dropsy, and death.

The cure consists in correcting the seemingly diseased state of the fluids, and in restoring the strength of the patient.

Hope

These indications are chiefly answered,

1. By gentle laxatives of rhubarb, tamarinds, or cream of tartar.

2. By a diet of fresh vegetables, or vegetables preserved in such a manner as to be capable of undergoing a process of fermentation, as malt, four-crust, fruits preserved by drying, or sugar. *limes, lemons, oranges,*

3. By the use of wine, and other antiseptics. *Spum Beer*

*When costive give
warm salt in Molep.*

4. By fresh water, and frequent change of clothes, dryness and cleanliness.

When skin dry

5. By moderate exercise.

saline diaphoret.

6. By the use of bark and the fossil acids.

*rub surface of body
over with vinegar
and water: to
make an emulsion*

7. Particular symptoms may be palliated by opiates, spirituous and aromatic fomentations.

of limbs patient to be put in an ear of bath, it produces much perspiration.

Prescription.

Good sweet water, before drinking putrid water

always let in steam exposed to the air when smell goes off

and a fine taste takes place: warm cloathing, exercise

regular, cleanliness, fresh animal and vegetable food.

OF THE DROPSY.

This is an extravasation of a serous fluid, either into the cellular membrane or other cavities of the body.

It has been distinguished, according to its seat, into *Anasarca*, *Ascites*, *Hydrops Pectoris*, *Hydrops Uteri*, *Hydrocele*, *Hydrocephalus*, and other species.

The remote causes of dropsy are, a crude farinaceous diet; the abuse of spirituous and vinous liquors; cold water taken largely when the body is heated; a suppression of the menses; hæmorrhoids, and other evacuations; irregular gout determined on internal parts; violent hæmorrhages or other evacuations, which have reduced the strength of the patient; preceding asthma, diarrhoea, phthisis pulmonalis, jaundice, intermittent and other fevers, scirrhus viscera, polypi in the heart, and other causes which may impede the return of venous blood to the heart.

In all cases of dropsy, the powers of absorption are insufficient for resuming into the habit the fluid which is effused into the different cavities of the body.

From the enumeration of causes already given, it will be easy to apply them to particular cases, which may be necessary for the purpose of more successfully treating the disease.

In *anasarca* the body is pale, the animal fibres soft and yielding, the feet and legs become œdematous towards night, while the cellular membrane of the upper extremities appears distended with water in the morning.

In some, the accumulation and diffusion of water in the cellular membrane is universal; the urine is secreted

in small quantity, and there is in general a considerable degree of dyspnœa.

In *ascites*, there is a considerable tumour of the abdomen from the distension of water between the peritoneum and abdominal viscera. There is frequently a great difficulty of breathing from its pressure on the diaphragm; a sense of fluctuation may be perceived; the upper extremities are wasted; there is generally much thirst; the urine high coloured and in small quantities; a disposition to piles; a pale emaciated countenance. The anasarca and ascites are frequently complicated.

In a dropfy of the ovarium, ^{or in males} the progress of the tumour is very slow and gradual, there is less sense of fluctuation, there is little or no thirst, and the health of the patient is very little affected.

may be felt
placed to one side

Causes as above
and diseases of heart
asthma, inflam.
of lungs.

In *hydrops pectoris* the difficulty of breathing is most considerable; it often returns suddenly in the form of paroxysm, with a dry cough, fluttering irregular pulse, and very often anasarcaous appearances in other parts of the body: ^{in females very much} ^{these symptoms increased after eating, seldom} any thirst, purple color of face & neck.

Dropfy is sometimes removed by a diarrhœa, an increase in the secretion of urine, or a rupture of the skin.

Pregnancy have
good health, some
saturnuria on their
anale dark brown.

Ascites is distinguished from the tumour of pregnancy, by the countenance of the patient, the sense of fluctuation, thirst, and general debility: the distinction is more difficult in cases of encysted dropfy.

tall & bulky
more uncertain

The prognosis is very uncertain; if the appetite be preserved, if the urine be increased, and no appearance of diseased viscera, the patient may be restored.

If again on the other hand the viscera be obstructed and diseased, with much thirst, cough, weakness, and

wasting of the body, and more especially a fallow or jaundiced complexion, then the cure is more uncertain. *purple blotches, fetid breath, fever.*

The cure of dropfy chiefly depends on the proper use of evacuations.

The most effectual means of discharging water from the different cavities of the body, but more especially in the ascites are,

1. By purging and vomiting?—Vide *Formul. Select.* No. 78, 94, 115, 118. *when no ves. are diseased and as it keeps*
most useful in anasarca, then ascites and least
of all in hydrothorax, Salop. Brown Tert, or Gamboge and
former. Lemen. Taint with diluted 3j to 3i when latter
2. By diuretics—Vide *Formul. Select.* No. 120, 169, 170, 171. *3^d Diaphoretics*
diuretic effect takes place but not till then.

In dropfical patients there is generally much dryness of the skin, and therefore sudorific remedies should be sometimes employed. *and water diuresis; where much torpor exists, the more stimulant drop as canth. ether, &c.*

Does an abstinence from liquids contribute to the cure of dropfy?

After evacuations have been employed, the tone of the fibres should be restored by the use of bitters and chalybeate remedies.—*Formul. Select.* No. 87, 88, 89, 95.

By external applications, gentle support by bandages, friction, cold bathing, a dry and pure atmosphere, moderate exercise. In some cases mercury, as an alterative, has been found successful. In cases of suppressed evacuations, an attention should be directed in order to restore them.

In recent cases of ascites, the paracentesis has been most successfully employed; and in anasarcaous cases, where there is a great distension of the cellular membrane, puncture in the extremities, or blisters, will often relieve, while proper means are employed to obviate the gangrene of the parts.

Disseminated diseases to be M. 3^d first relieved, or each of them attended to at same time.

*Hydroc. Intern.
Acute & Chronic,
either curative.
The Acute Hydroc.
Calom. Ung. Merc.
Emp. Canth.*

The treatment of the hydrocele, and other cases of encysted dropfy, will be understood from what we have already observed; and the propriety of preferring the radical cure by inducing inflammation and consequent adhesion, when it can be done with safety, to the more palliative cure.

There are some symptoms very peculiar to the *Hydrocephalus*, which shall be taken notice of in another place.

OF THE ASTHMA.

Asthma is an impeded and difficult respiration, attended with a sense of suffocation.

Often hereditary

It is distinguished into the periodical or continued, into the humid or dry asthma, into the idiopathic or symptomatic.

It arises from various causes, among which may be reckoned the following:

Acid vapors.

A vitiated state of the atmosphere; violent passions of the mind; the repulsion of eruptions and cutaneous inflammation; the drying of old ulcers; the receding of gout; water in the cavity of the thorax or cells of the lungs; obstructions of the bronchial tube; and a certain irritable state of the organs of respiration, more especially the diaphragm.

In the periodical asthma, the following symptoms occur in the paroxysm:

Flatulency and distension of the stomach, with a sense of stricture, heat, fever, drowsiness, head-ach, nausea, and pale urine.

The lungs feel rigid; the breathing is disturbed; general torpor, especially of the extremities, and in the night-time all the symptoms are encreased; bilious vomiting frequently comes on; an involuntary flow of tears; a small, weak, intermitting pulse; palpitation of the heart; a livid countenance; with a sense of immediate suffocation. The difficulty of breathing gradually abates, some degree of expectoration comes on, the urine deposits a sediment, and the paroxysm ceases.

In the more violent attack of the disease, œdematous tumours of the hands and feet come on, and the patient becomes dropical or consumptive; sometimes the disease terminates in apoplexy and palsy.

The prognosis is more favourable in young than in old habits, and in cases from repressed evacuations, than from other causes; the more frequent and violent the paroxysm, the worse.

It generally proves fatal when it terminates in peripneumony. It is more especially dangerous when the pulse is irregular and intermittent, with syncope, palsy of the lungs, palpitation of the heart, and the urine secreted in small quantity.

Towards the end, the extremities become cold, the pulse is small and obscure, the breathing becomes more difficult, and the patient dies.

In the continued asthma, there are symptoms which resemble catarrh, the disease does not return by severe paroxysms, the dyspnœa is relieved by expectoration, and the patient becomes very sensible to the least variation in the state of the atmosphere.

In the periodical asthma, the stricture is removed by

in many cases, especially in the chronic form, in which warm water in form of steam, blisters & blisters. Attend particularly to the stomach & bowels.

during the fit

nauseating doses of emetics, by clysters, by the pediluvium, by the use of opiates and other antispasmodics. In cases of great severity, bleeding may afford a palliative relief.—Vide *Formul. Select.* No. 22, 130, 131, 141.

In the continued asthma, we are to have recourse to, attenuating remedies, diluent and tepid liquors, emetics; in some cases to gentle laxatives, issues, or open blisters, the occasional use of opiates, moderate exercise, and a warm climate.

OF INDIGESTION.

This is a disease to which studious and sedentary persons are extremely subject. *Exercise directly after taking hearty meal*

insufficient mastication

It is frequently induced, by grief and anxiety; by gluttony; by too flatulent and farinaceous a diet; by violent and excessive evacuations; the abuse of active emetics and purgatives; preceding disorders, especially of the liver, and is sometimes connected with hysteric and hypochondriacal complaints.

Tea, tobacco, spices, spirits, warm diluents & perfumery

it is often constitutional or acquired

The proximate cause may be a weakened and irregular peristaltic motion of the stomach, which may affect the power of the menstruum secreted by the stomach, on which the digestion and solution of our aliment depend.

acid or miltitious

The patient complains of anxiety and distension, with flatulent, eructations, a disagreeable sense of oppression after eating, heart-burn and acidity, especially when the stomach is empty; the body is either costive, or there is a diarrhoea; the appetite irregular, sometimes good; a weak, small pulse, generally slow, but easily quickened.

tongue foul, disagreeable taste in mouth

Anxiety of mind; vertigo; palpitation of the heart; great watchfulness; heat and flushing after eating; and

Irregularity or loathing and vomiting of food, eructations of acid, miltitious or viscid fluid depending perhaps on the quality of food and constitution:

The heart burn may be acid, or alkaline if formed with Magnesia if costive, or if purging Bismuth, if better by giving Vitr. Acid, Muriatic Acid. where heart burn very violent

many symptoms in common to hypochondriacal complaints. ^{& hysterical}

Such disorders of the stomach are frequently obstinate, and very liable to return on the least irregularity.

They are best obviated, ^{if any sickness}

1. By emptying the stomach, by a few grains of ipeca- ^{this should} cuanha, and assisting the operation of the vomit, by an ^{be avoided} infusion of camomile flowers, or other agreeable bitters. ^{if possible.}

2. By the use of tonic bitters in small doses, together with gentle chalybeats.—Vide *Formul. Select.* No. 60, 89,

95. 153. ^{bark, angustura. R. Ferr. common. in persons of flaccid fibres}

3. By gentle exercise on horseback. ^{cheerful company, warm clothing}

4. By light animal food, and by avoiding the more ^{Fish in acidity} indigestible and farinaceous vegetables, such as potatoes, ^{& other vegetables} peas, beans, &c. ^{allow patient to eat what used to agree with him previously}

5. The common drink should be toast and water; ^{the quantity} perhaps in some cases a little porter, sometimes a little ^{as well as the} brandy, or rum and water, without either sugar or lemon; ^{quality to be} but care should be taken to guard against the abuse of ^{particularly} these. ^{never allow them to drink} ^{never should eat little and often.} ^{3 or 4 times in a day}

Violent evacuations should be avoided, the body should ^{be kept soluble} be kept soluble by the gentlest laxatives. ^{Rhub. Natr, Colomb M. oil}

In cases of prevailing acidity, small doses of rhubarb, ^{Puls. elact} and the absorbent earths should be used. In many cases ^{in Quassia} great benefit may be derived from the use of lime-water. ^{or Vin Alus} ^{Alkalin.}

In some cases there is a great secretion in the stomach of a viscid pituitous mucus; the appetite is destroyed; the tongue foul; a distension after eating; vertigo; fainting; an irregular fever; nausea and vomiting. ^{an emetic}

These symptoms are best removed by emetics repeated occasionally, bitter and chalybeat remedies, lime-water, and sometimes the use of *Natr. Prep.* in small doses.

Pyrosis - passes pain at part of stomach with them and
 feels very cold as it trickles out of the mouth: clearing the fit
 give opium with Cammon: after wh. if it arose from any food
 (vegetable) give R. Juice. Puls Copius. Tar water
Schirrous Pylor. often mistaken for Dyspeps. pain always referred
 to the pylorus, costiveness, eject. food - occurs after 30 years incurable
Bicuta, Opacis: blisters
warm fomentations:
clysters when costive

OF THE PILES OR HÆMORRHOIDS.

In all disorders of the stomach, the clothing should be warm, especially of the feet and legs.

Divided into active & passive
generally latter.

OF THE PILES OR HÆMORRHOIDS.

They are distinguished into the ^{bleeding} open or blind, into the external or internal.

The proximate cause is, a distension of the hæmorrhoidal veins, or an effusion of venous blood into surrounding cellular membrane.

The remote causes are, an obstruction or resistance from pressure, from an enlargement of the abdominal viscera, to the returning venous blood; they frequently arise from the irritation and pressure of indurated faeces; they are generally the salutary effects of the habit in the advanced stages of life, when a venous plethora is liable to come on; they are therefore frequently rather to be promoted than suppressed.

They are particularly useful in relieving disorders of the head.

The inflammatory symptoms are to be moderated either by general or topical bleeding, and an attention to the antiphlogistic regimen.

Gentle and cooling laxatives are to be occasionally employed.

Much exercise must be avoided, and sometimes fomentations are proper.

They sometimes suppurate and degenerate into fistulous ulcers.—Vide *Formul. Select.* No. 138, 187, 199.

when painful someth. cold other times warm give milk
 horseradish pos. time, mild diet, keep bowels open as
 Elix. & Lin. O. comp. Castor Oil - does never to be given.
 Puls. Gall. Op. by Leth. Act. Casp. & the whole not much in the
 In chronic piles Puls. Cop. & Puls. XX-XXX. to be in Sugar
 never mixed or it miscible with any fluid. When acute prolapse

OF JAUNDICE.

This disease may be defined a yellow colour of the skin, and tunica albuginea of the eye, from the presence of bile in the blood vessels.

It is distinguished into the yellow and black jaundice, into the continued and periodical, into the idiopathic and symptomatic, into the critical or symptomatic, into that accompanied with or being without fever.

The remote causes are various. X

1. Hysterical or spasmodic cholic.
2. The active operation of some poisons, and sometimes of the more acrid purgatives.
3. Anger, grief, and other violent affections of the mind.
4. Pressure on the biliary ducts, from tumours, pregnancy, &c.

5. Diseases of the liver, inflammation, scirrhus, &c. *mercury* *(distens looks suff.)*

6. Biliary calculi. *purgative, warm bath, emetics*

The proximate cause is the regurgitation of bile, and the consequent absorption of it into the habit.

The symptoms are the following :

1. A great degree of torpor and lassitude ; a yellow colour on the eye and skin ; a costive habit ; an impaired appetite ; the fæces of a light clayey appearance ; the urine thick, and tinging linen of a yellow colour ; the other secretions likewise affected.

A sense of weight, fullness, and pain often in the right hypochondrium ; the breathing affected ; nausea and vomiting ; an itching of the skin, with small red eruptions on it ; pulse sometimes very slow, at other

times quick, with a dry heat on the skin, which terminates often in colliquative sweats; diarrhoea, and other symptoms of hectic fever.

The prognosis is more favourable in young persons than old, in strong than weak habits; the lighter the colour of the skin the better: it is always bad when complicated with other diseases. When the jaundice comes on in the later periods of fever, it is sometimes favourable, unless accompanied with symptoms of local pain and inflammation, in which case the danger is greater.

It is favourable when attended with a natural moisture on the skin, and a freedom of the other secretions.

It is very bad when attended with dropsy.

The cure must vary according to the cause producing the disease.

In cases of inflammation and fever, bleeding may be necessary.

The secretion of bile may be restored by vomits, especially by tartarised antimony given in small and divided doses.

*To correct the
acidity alkalies
with bitters.*

The body should be kept soluble by small doses of rhubarb, gum ammoniac, and soap.—Vide *Formul. Select.* No. 22, 74, 95, 155, 156.

In cases of acute pain without fever, opiates given largely, frequently promote the passage of biliary calculi, and remove spasm of the ducts.

Great advantage has been found from the use of orange and lemon juice, taken in the quantity of four or six ounces in the day.

Many specifics have been recommended in this disease, the operation of which must be very fallacious, from the nature of the disorder: *alter 3 or 4 times 2 parts given to 24 for dose? Yolk of one or two raw eggs every morning in milk and water.*

OF THE DIABETES.

It is distinguished by the great secretion of urine, which is manifestly sweet; there is likewise a considerable degree of thirst, and other symptoms of hectic fever; the saliva is extremely viscid; there is pain in the loins, costiveness, debility and marasmus, a dry skin, œdematous swellings of the lower extremities, colliquative evacuations, and death.

This disease seems originally seated in the *primæ viæ*, though the symptoms ultimately appear in the kidney.

The urine retains so much of vegetable and saccharine matter, as to be capable of undergoing the vinous fermentation.

The disease has been successfully treated by bitters, tonic and chalybeate remedies, and by the use of Bristol water.

Moderate exercise, cold bathing, and food of easy digestion, more especially animal food, are found to be of great importance.—Vide *Formul. Select.* No. 68, 132, 140, 153.

OF CALCULOUS CONCRETIONS IN THE KIDNEY AND BLADDER.

The symptoms of calculi in the kidney are, acute pain, or sense of weight and uneasiness in the region of the kidney; increased heat; nausea; vomiting; costiveness; an exacerbation of symptoms after eating; an appearance of sand in the urine; in some cases there

is bloody and purulent urine, and in others, ischuria, coma, inflammation and death.

The left kidney is more frequently affected than the right.

If the calculus descends into the ureter, it occasions very violent pain along its course towards the bladder; a numbness ^{on the inside} of the leg and thigh of the affected side; a retraction of the testicle, and sometimes a suppression of urine.

A calculus in the bladder is attended with difficulty and pain in making water; a constant *tenesmus urinae*; a painful irritation towards the extremity of the glans; the urine much loaded with mucus; the pain more violent in the discharge of the few last drops of urine which is frequently tinged with blood, especially after violent exercise.

The remote causes of this disease are,

1. An hereditary predisposition, probably connected with gouty diathesis.
2. A sedentary life.
3. The long retention of urine.

Is the production of calculi influenced by regimen, such as the use of particular liquids, supposed to contain more or less of earthy matter; or is it more probable that the irregularities productive of gout, may contribute to the formation of calculous matter?

The remedies employed either to dissolve calculous matter and promote its evacuation, or to lessen the disposition to its production, are called *Lithontriptics*, which act,

1. By dissolving the calculus in the urinary passages.

2. By removing the disposition in the body to its formation.

3. By dissolving the glutinous matter which keeps united the earthy part.

Chemical experiments prove, that the component or elementary parts of human calculi are not the same in all persons, therefore there can be no universal menstruum.

Before the use of any solvent, it would be proper to examine the patient's urine, and the matter which it is found to deposit.

The principal variety of solvents may be reduced to alkali or acid.

Of the first is the *Aq. Kal. pur. Ph. Lond.*

Of the second, *Carbonic Acid Gas.* or *Fixed Air*, introduced in a great variety of forms, as impregnating water, as escaping from effervescing draughts, or in the more agreeable form of brisk and fermented liquors.

To these may be added lime water, and the solutions of the fixed alkalis super-saturated with carbonic acid.

Alkaline solvents appear to act chiefly by dissolving the animal gluten, and destroying thereby the texture of the stone.

Painful symptoms from the irritation of calculi have abated on the use of the uva ursi, and sometimes on the use of other bitters and astringents.

On this subject much must be referred to our Chemical Lectures.

OF THE CHOLIC.

It may be defined an acute pain of the intestines, attended with costiveness.

It may be distinguished into the flatulent and spasmodic, into the acute and chronic, into that which is accompanied with fever, or in which there is no fever.

The remote causes of cholic are various :

1. A constitutional irritability of the bowels.
2. An increased secretion of acrid bile, with an obstruction to its free passage by the intestines.
3. Any thing extraneous in the bowels, whether arising from indigested aliment, insoluble concretions, or other causes.
4. A determination of gouty matter, or the translocation of any acrid fluids, from external cold or other causes.
5. The action of lead, to which artificers in that metal are subject, and likewise those who drink fermented liquors adulterated with it.
6. The action of other metallic and active poisons.
7. The imprudent use of astringents in diarrhoea and dysentery.

The danger in this disease arises from inflammation coming on, as appears from the dissection of morbid bodies.

The symptoms in general are the following :

*In spasmodic cholera
purpurea gives
case* An acute pain in the regimen of the abdomen ; heart-burn and bilious vomiting ; costiveness ; frequent eructations ; tension in the abdomen ; thirst ; hiccup ; syncope ; an irregular low pulse, with cold sweats and other symp-

ptoms which occur in the sphacelated state of the intestines.

The cholic sometimes, but more especially that arising from lead, terminates in palsy, and is attended with rheumatic pains in different parts of the body.

The prognosis is more particularly favourable when the pain remits and changes its position, and when it is diffused, from being fixed to a point, over a large surface. *increasing on touch, and small hard pulses and vomiting bad.* Watchfulness, hiccup, delirium, a dry tongue, syncope, and cold sweats, are to be considered as the most fatal symptoms.

In the cure the indications are, *and below this the*

1. To relax the spasm: *large dose opium & sed. if over. for tile pain easy &*
2. To procure evacuations: *back to the abd. blisters and glysters, neutral salts.*

The spasm and tension is best removed by bleeding, fomentations, the external applications of warm plaisters, and in some cases even of blisters, clysters, and opiates joined to purgatives.

Evacuations are best procured by the use of salts in peppermint-water, *Ol. Ricini*, and in some cases, *Extract. Colocynth. comp.* and purgative clysters of the neutral salts, *Tobacco*, and the like.—Vide *Formul. Select.* No. 36, 74, 122, 159.

In cases of metallic poisons, oil with the neutral salts, given in a bulky form, answer best: *clysters of oil: large quantity of milk drinking*

It frequently happens, that the cholic, in hysterical *after it some thing to coagulate it by* cases, depends so much on spasm and simple irritation, *wh. means the organic becomes involved.* that opiates alone, or united with warmer aromatics, as *the Confect. Opiat.* do best.

OF APOPLEXY.

*pulse slow, & soft
stertor; often takes
place suddenly*

Apoplexy is the abolition of all sensation, both internal and external, in which, however, the motion of the heart and lungs are preserved.

It is distinguished from its degree of violence, and likewise into the sanguineous or serous apoplexy.

There have been many instances of sudden death, supposed to arise from apoplexy, which dissection has proved to depend on polypus, and frequently a rupture of the cavities of the heart.

anxiety of mind

Apoplexy more especially seizes the sedentary and plethoric; those who have short necks; who have been addicted to the luxuries of the table; and are from fifty to sixty years of age.

*staring, staring
tongue at once
numb, numb,
pupils, violent
regression of vision,
spasm, breathing
fixed air*

The remote causes are, whatever tends to determine too large a quantity of blood to the head; the suppression of former evacuations; excesses in eating and drinking; violent injuries of the head from external means; tumours compressing the brain; the extravasation or effusion of blood in the substance of the brain.

*flatulency
numbness of the
fingers, double
vision, flashes of
light: occurs
oftenest after
dinner corresponding
the aorta*

The fit is generally preceded by a *torpor* of the senses, an impediment of speech, vertigo, head-ach, a tremor and numbness of the extremities, *stridor dentium*, a noise in the ears, hysterical and hypochondriacal affections, a sense of fulness and distension of the abdominal region, the breathing remarkably slow and difficult.

It sometimes happens that the patient is seized suddenly with the loss of all the animal functions, difficult respiration, cold extremities, redness of the countenance, great pulsation of the arteries, drowsiness, noisy respiration,

*stupor profound with loss of motion to one side, involuntary discharges
of feces and urine unattended; as are the extremities and irregular
of pulse or becomes weaker and quicker*

saliva foaming from the mouth, a resolution of the sphincters of the *anus* and *bladder*, the patient is seized with vomiting, and recovers after a profuse sweat.

A palsy, or *hemiplegia*, is frequently the consequence of an apoplectic fit.

The prognosis is more especially favourable when the senses have been little impaired, and the function of respiration not much affected.

The sanguineous apoplexy is most dangerous, but of more easy cure than the serous apoplexy.

An impeded deglutition and respiration, with cold sweats, terminate fatally: apoplexy from external injury, unless remedied by the surgeon, proves immediately fatal.

The serous apoplexy is often removed by a fever and hæmorrhagy, especially from the hæmorrhoidal vessels.

In the sanguineous apoplexy the indications of cure are,

1. To bleed freely, either by the lancet, or cupping-glasses. *in full habit only*
shaving head apply Unguent. and water.

2. To apply blisters to the head, between the shoulders,

or, in case of palsy, to the extremities. *opposite to that side of the head in the serous kind*

3. To stimulate by purgatives, & clyster. *with Sal. bom. & Symplic. & Sarsaparilla*

In general, the error of practice is in the too free and early use of volatile and heating remedies. *Diaphoretics as Antiseptics in small quant. of Opium*

If the apoplexy is of the serous kind, bleeding should be used with more caution. *in effusions of serum only*

An active vomit is frequently of use; purgatives may be employed freely; blisters, and even volatile remedies, may be afterwards used with more advantage.

In both kinds of apoplexy, an erect posture, and moderate heat, are best; *food light, spirit and beer to be avoided*

When patient got tolerably well, shower bath moderate exercise sitons in open air

The most effectual means of obviating the return of apoplexy is by moderate evacuations, diet of easy solubility, and setons or issues, which produce a discharge of pus from the neighbourhood of the head.—Vide *Formul. Select.* No. 33, 74, 75, 119.

OF PALSY.

Palsy is the abolition or diminution of motion or sensation, or both, in one or more parts of the body.

It may be distinguished into that in which the feeling of the part is only affected, or where the power of motion, either with or without sensation, is destroyed.

It is likewise distinguished into *paraplegia*, *hemiplegia*, or more local affections, as of the tongue, eye-lids, sphincters of the anus or bladder, and the like.

The remote causes of palsy are,

1. Excess of eating or drinking; a scorbutic habit of body; the *colica pictonum*; a cold moist air; water or pus effused on the brain; wounds of the brain, or *medulla spinalis*; external pressure; suppression of former evacuations; apoplexy; convulsions; sudden fear, and other causes operating on the nerves; in children, depending on acrimony and irritation of the bowels.

The proximate cause is, the interruption to the influx of nervous fluid into the parts, from the brain, *medulla oblongata*, and *spinalis*, or from the nerves themselves.

Before the attack of palsy, there is frequently a degree of *torpor* of the senses, paleness, a sense of weight and uneasiness in the head, with occasional vertigo;

Try to open the head of all paralytic after death
it will prove or disprove Gall's system.

there is a sense of pricking or *sensatio formicationis* in the affected parts; the diseased parts become cold and soft, they waste, and are frequently œdematous; the pulse is generally small, soft, and slow, though sometimes quick and unequal; sometimes the memory and other faculties of the mind are impaired. *Fits of heat, pain and swelling in the part*

A palsy preceded by apoplexy, frequently terminates in apoplexy.

It is seldom cured when depending on any external injury of the head, pressure or luxation of the spine, especially if the parts waste, *and of some continuance*.

A pain in the affected parts, returning sensation, heat, *swelling and* *sensatio formicationis*, or tremor in the parts, prognosticate a recovery: a fever or diarrhœa often cures a palsy.

Paralytic affections of parts near the head, and of the upper extremities, are more difficultly removed than of the lower extremities.

The cure is best effected by the following means:

1. By bleeding in plethoric and inflammatory habits, in cases where the attack has been sudden, and where the head is much affected; in other cases it is to be avoided, *leeches, cupping should be used*

2. By ~~active~~ purgatives and ~~stimulating~~ clysters, except in very old habits. *A slow and regular discharge. Aloetics. Diaphoretics.*

3. By the use of volatile and diffusive stimulants taken internally, or applied externally.—Vide Formul. Select.

No. 14, 75, 165, 179. *friction, warmth: ammonia: blisters*

4. In some cases, where the head has not been much affected, vomits have been useful, *when occurring after over eating.*

5. External warmth, but more particularly bathing in *hot light* the hot bath, or Bath water.

Colic Pilon: a local complaint - stimulants to the part of nerve where the palsy is seated and gradually proceeding downwards. Electricity - blisters - electric friction in first instance: warm bath: Douche: remedy to produce slight ptyalism: or bala ferus. for long time.

6. The external applications are various; blisters, warm plaisters, volatile and acrid liniments, friction, and electricity, a diet of a light and nourishing kind.

The patient should avoid venery.

OF EPILEPSY.

Epilepsy is the privation of external and internal sensation, accompanied with violent convulsive motions of the whole body. *followed by a profound sleep*

It may distinguished into idiopathic and symptomatic.

The most frequent subjects of it are, delicate children, and such as have been accustomed to ferous defluxions on the head, and other parts of the body.

The remote causes are various; external injuries on the head, the obstruction of usual evacuations, too great repletion or inanition, violent passions of the mind, especially sudden fear; it sometimes seems to be hereditary.

A knowledge of its proximate cause is obscure and difficult, being involved in the general investigation of the principles of irritability and muscular motion.

hysteria and epilepsy often so combined as to be difficult to ascertain which prevails The paroxysm is frequently preceded by lassitude, *probably a misapprehension from the brain* stupor, giddiness, pain of the head, *tinnitus aurium*, frightful dreams, palpitation of the heart, difficult breathing, distension of the abdomen, the urine pale and in large quantity, a trembling of the tongue, and coldness of the extremities.

The longer the interval the more violent the fit. In the paroxysm the patient is greatly convulsed, there is a contortion of the eyes and countenance, contraction of the fingers, and foaming at the mouth; all sensation,

and the faculties of the mind, are asleep; *semen*, *urine*, and *feces* are discharged involuntarily; on the remission of symptoms the senses are gradually restored, but there generally remain head-ach, lassitude, and torpor of the whole body.

The paroxysm is frequently produced by intemperance, intense study, or disagreeable and violent impressions on the mind.

The disease frequently disappears spontaneously at the age of puberty. *if you pass this period never cured; or function of the brain impaired*

Intermittent fevers, and eruptions on the skin, sometimes remove it. It is in general very obstinate, especially if it attacks the adult, and has arisen from a fright, or if it be hereditary; it is always unfavourable, in cases where the memory and judgment have been impaired.

In some instances it terminates in apoplexy. *mania, fatuity*

In the paroxysm we should endeavour to moderate the violence of the convulsive symptoms, *Woolen wig or handkerch.*

1. By bleeding from the jugular vein, or temporal artery, provided there are symptoms of plethora *or* local congestion in the head.

2. By applying stimuli to the lower extremities, such as blisters, or warm cataplasms: *muck*

3. By anodyne and antispasmodic clysters, or by liniments of the same kind rubbed along the spine.

The effects of external injuries, such as depressions, fractures, or extraneous bodies, should be removed.

In the interval of the paroxysm, our attention should be directed to obviate its return;

1. By proper evacuations.

2. By setons or open blisters. *to muck*

3. By remedies which may remove the morbid irri-

tability, such as bark, preparations of steel and copper, and other tonics. *Zinc to produce nausea. large hits 61 4 3/4 doz 78*
as die - not to be depended on.

4. By the occasional use of antispasmodics.

5. In cases of symptomatic epilepsy, vomits may be used with advantage.

6. The morbid debility is frequently removed by cold bathing.—Vide *Formul. Select.* 31, 65, 79, 194, 196, 197, 198.

7. An attention is to be paid to regimen; in some cases a milk diet has proved the only means of removing the disorder:

OF CHOREA SANCTI VITI, OR ST. VITUS'S DANCE.

Hammering and clattering This is a convulsive disease, attended with a ludicrous motion of the arms and legs; there is a great disposition to palsy in this disorder.

It is frequently a symptomatic disease, originating from irritation of the *primæ viæ*. *terror.*

Women and children are more particularly subject to it. *Often ceases at puberty.*

It is seldom dangerous, though frequently very obstinate.

Pay attention to the liver In some cases of plethora, it may be necessary to bleed; in almost all cases a brisk ^{or slow} purgative or two ought to precede the tonic and antispasmodic remedies to be afterwards employed; of this kind are bark and steel, valerian, preparations of zinc and copper, and in some cases the *Oleum Succini*.—Vide *Formul. Select.* No. 31, 69, 70, 79, 194, 196, 197, 198.

Cold bath, electric sparks, blisters, friction.

OF TETANUS, OPISTHOTONOS, AND EMPROSTHOTONOS.

Every person liable to it

The tetanus is a fixed or involuntary contraction or spasm of almost every muscle of the body. In some cases the body is drawn forwards, called *emprosthotonos*, in others it is bent backwards, called *opisthotonos*; and when besides the general spasmodic affection there is an abolition of all the senses, it has received the name of *catalepsy*; they do not differ essentially from one another. *Catalepsy is a form of Hysteria.*

*commenced with
irritability and
skeletal -
See Blane.
No symptoms
of fever!*

These diseases particularly prevail in the warmest climates, and in rainy seasons: *great alternations of temperature*

The disease, when particularly affecting the muscles of the neck, and those subservient to the motion of the jaw, is called *trismus* or locked-jaw. *In infants in some countries from breathing the smoke of wood penetrating on brain and frame the nose keeps open - give alkalis to correct acidity*

They are very dangerous diseases, and frequently carry off the patient in three days. *1/3 only recover under whatever treatment.*

The cure is to be attempted in plethoric habits, by bleeding and other evacuations. *seldom successful*

In other cases the cure is chiefly promoted by the liberal use of opium and warm bathing. *cold bathing curative*

In spasmodic diseases from external causes, an attention is to be directed to moderating the irritation by removing the cause. *early and freely*

Blisters, applied to the neck and throat, have been found useful.

Some successful trials have lately been made of the use of mercurial friction, so as speedily to bring on a salivation. *see Dr. Donald Monro. All other medicines fail: combine*

*the mercury with opium and antimony: tinct fer. mur. 3
of Animal.*

Tonic remedies and the cold bath may be afterwards employed for the recovery of the patient.

We have authority for the use of the cold bath, even in the first attack of the disorder.

OF HYSTERIA AND HYPOCHONDRIASIS.

Hysteria chiefly affects females, the unmarried or widows; in some cases the more delicate and irritable of the male sex, and those who have led a studious and sedentary life.

The remote causes are various; among the principal are the following:

1. Excessive evacuations, either by hæmorrhagies or otherwise.
2. Suppression of the menses or lochia, or the neglect of usual evacuations. *ad V.S.*
3. Great proclivity to venery.
4. Violent commotions of the mind.
5. Flatulent and ascenscent regimen.
6. Former diseases which have greatly weakened the tone of the *primæ viæ*.
7. In some cases an hereditary irritability of the *primæ viæ*.

The symptoms are the following:

Pain in the forehead, an oppression on the organs of sense, the patient feels the *globus hystericus*, with a sensation of suffocation, palpitation of the heart, unequal pulse, frequent vomiting, either of a sharp acid matter, or green bile, difficult respiration, *clavus hystericus*, pain

*Said to be sometimes
feigned.*

most violent about the middle of the forehead

in the loins, coldness of the extremities, in some a pyralism, flatulency and distension of the abdominal region; the patient is sometimes suddenly deprived of all sense and recollection; the urine is very limpid and watery, and secreted in large quantities; the mind is extremely irritable, involuntary laughing and crying comes on, with violent convulsions, especially of the abdominal muscles.

This disease is seldom accompanied with danger; it is frequently in the power of the patient either to obviate or invite the accession of the paroxysm, though the symptoms after such accession become involuntary.

In the paroxysm we should attempt to quiet the spasms and convulsions.

1. In cases of plethora, where the head is much affected, by bleeding.

2. By the use of antispasmodics. *Irish emetic if you can get it: if cannot get them to swallow plunge hands and arms in cold water - give an opiate and then clear the prime via*

3. By the friction of the lower extremities.

4. By the pediluvium.

5. By antispasmodic and anodyne clysters.

In the interval of the paroxysm,

By strengthening the nervous system, and thereby removing the morbid irritability of it.

1. By gentle evacuations from the *prime via*.

2. By bitter and tonic remedies. *when dyspeptic*

3. By exercise, especially riding on horseback. *if sedentary*

4. By chalybeates. *when red blood deficient*

5. By a milk diet in some cases, where other remedies

are found ineffectual: suppressed evacuations are to be restored.

In cases of great uterine irritation, matrimony, and the antiphlogistic regimen, answer best.

often depends on torpor of the hepatic system. In *Hypochondriasis* the more remarkable symptoms are, *dyspepsia*, with languor and dejection of spirits, head-ach, drowsiness, a languid pulse, cold extremities, ^{generally} costiveness, fallowness of the countenance, and often high-coloured urine: *when constitutional seldom cured.*

Melancholic habits difficult to cure This disease belongs to the more advanced periods of life, and is for the most part connected with sedentary habits, and depressing affections of the mind.

Slowly operate on the hepatic system by mercurial till slight salivation also tonic bitters Its cure consists in a steady attention to regimen, exercise, and clothing; in obviating costiveness, by the more warm and stimulating cathartics; in the use of bitters and chalybeates, assisted by the cold bath.

OF INSANITY.

Means of cure like last. It is distinguished into melancholia and mania; the first is insanity with sadness, the mind generally resting on one object: the second accompanied with ungovernable fury; in some insanity is continued, in others it is periodical.

Melancholia is most frequent in the dull and studious, and those who have suffered by repeated misfortunes and disappointments. *and one of the melancholic temperament*

Mania is more frequent with those who are irascible, cheerful, young, sanguineous, plethoric, and in some who have a dry tense animal fibre.

The remote causes may be referred to the following:

1. The mind too intensely directed to one object, passions of the mind, such as grief, sadness, fear, joy, hope, and more especially love, false terrors of the deity,

immoderate venery, preceding febrile disorders, violent evacuations, or the suppression of natural ones.

A sedentary life, and frequently an hereditary conformation of parts. *hard drinking*

In cases of melancholia the alimentary canal is chiefly affected, and the predisposing causes are frequently the same with those taken notice of in the subjects of *hysteria hypochondriasis*.

In melancholia the patient is timid, watchful, dejected, addicted without a cause to anger, variable in his temper, solicitous about trifles, sometimes avaricious, at other times profuse; the body is costive, urine pale, and in small quantity, oppression on the præcordia, with flatulency, frequent vomiting of acrid bile, pale countenance, slow pulse, a keen appetite, a credulous and perverted imagination, anticipating evils, followed by suicide.

In *mania* there is a wildness of the countenance, with redness of the eyes, the habits and manners much changed, pride and hatred, watchfulness day and night, head-ach, *tinnitus aurium*, immoderate laughing, violent anger, producing the most ungovernable rage either directed against another or himself, an immoderate appetite for venery, an exposure with impany to the extremes of cold and hunger; the paroxysm terminates in stupor and melancholy.

In the paroxysm the animal and vital functions are remarkably vigorous.

The prognosis is more favourable when the disease arises from suppressed evacuations, than from long habits of intemperance; or from any indisposition of the body, than in cases where the health is good, while the mind

*Attend to the whole
prima via. see
Dr. Ferriar -
Cox -*

*Often hereditary.
Is not? mania
alternates with
melancholia.*

is only affected. It is better to have the excess of joy than sadness.

In many cases the disease is moderated, and in some removed by hæmorrhagy, diarrhœa, scabby eruptions, hæmorrhoidal evacuations, and the menstrual discharge.

There is no confidence to be placed in remissions, especially of hereditary mania.

The intention of the physician is to diminish the impetus, and quantity of fluids sent to the head, and to keep up the other secretions.

The following are the rules of cure ;

*If any pyrexia (periodical)
break the chain: bright
purgatives - Digitalis.*

1. In cases of mania with plethora, especially to bleed freely.

2. To empty the *primæ viæ* by the united operation of emetics and purgatives.

3. To relieve the head by a seton on the neck.

4. To restore obstructed evacuations, or to substitute artificial ones: as bile, hæmorrhoids, menses.

5. In many cases to use the sea bath, and in some, cold bathing: or cold applied to the head.

*melancholia a
stimulating diet.*

The diet should be diluting, vegetable, and ascetic, especially in mania ; but in this a reference must be had to the former habits of the patient: *warm cloathing*

Vertical motion

The mind should be kept serene and cheerful, and moderate exercise ; perhaps a change of climate will be found adviseable.

*hyosciamus better
than opium.*

In some cases sleep should be procured by anodynes, such as ~~opium~~, camphor, Hoffman's anodyne liquor, and the like.

The *Stramonium* has been much recommended by Dr. Stork. *not to be depended on*

The mind is to be governed according to the state of it: *never promise them what performing it*

In some cases, especially after acute diseases, a degree of idiotism comes on, which is removed by means which strengthen the habit.

OF THE VENEREAL DISEASE.

This disease arises from the immediate contact of a poison of a peculiar nature, especially with the mucous membranes, or an ulcerated surface.

It generally first acts on the part to which it is applied; it is sometimes, however, absorbed into the habit, and deposited by secretion on parts of the body which were not primarily or originally exposed to the infection, as the throat, the nose, the periosteum, the skin, &c.

The symptoms which arise from the action of this poison are various.

They differ frequently in their degree of violence, depending probably on the quantity or quality of the *virus*, the length of time which the parts have remained in contact with it, and the constitution of the patient.

There is no peculiar prophylactic which can be altogether depended on; the washing the parts immediately after coition with a little soap and water, or a diluted solution of the caustic alkali, by brandy or other stimulating fluid, will encrease the secretion of mucus from the parts, and thereby prevent the disease.

It may be distinguished into two heads,

1. As a local disease not yet absorbed into the system.

2. As a confirmed *lues*, in consequence of being absorbed by the lymphatic vessels, and conveyed to different parts of the body.

Gonorrhœa may be considered and treated successfully as a local disease; while the slightest ulcer, or symptoms of the disease occurring in remote parts of the body, should be treated as a confirmed *sypphilis*.

In the gonorrhœa, a gentle, pleasing titillation is felt at the extremity of the *glans penis*, generally about the fourth day after coition with an infected person, a transparent lymph or mucus is discharged from the orifice of the urethra; there is a degree of redness surrounding the orifice, with fulness and tension of the *glans penis*; there is pain with a sense of heat in making urine, more especially felt about half an inch from the orifice of the urethra.

In a day or two there is a purulent fluid discharged and secreted from the inflamed surface of the *lacunæ* of the urethra, the inflammatory symptoms sometimes extend along the whole surface of this membrane, even to the neck of the bladder; there is sometimes blood discharged with *pus*; there is frequently a chordé, or an involuntary and painful erection, with an incurvature of the penis.

These symptoms become milder; there is less pain in evacuating the urine; the purulent discharge, which was yellow and thin in the inflammatory stage, becomes whiter and thicker; the erections are not so frequent or painful; there is less tumor of the parts; the urethra becomes soft and flexible, and at last the discharge disappears, and the disease is removed.

The same symptoms occur in women, with some little variation, arising from the diversity in the structure of their organs.

It begins with an unusual increase of secretion, and a sense of irritation in the vagina; there are appearances of tumour and redness in the parts, which render coition painful; there is less difficulty in making water; the discharge appears equally purulent as in men, and it gradually disappears by an abatement of the discharge, and a diminution of the inflammatory symptoms.

The venereal *virus* acts by inflaming parts to which it is applied, and likewise possesses a power of assimilating with the animal *mucus*, and converting it into its own kind, as by a fermentable process.

The pus is secreted from an inflamed surface, very seldom ulcerated.

The inflammatory symptoms are generally proportioned to the degree of virulence and infection; symptoms similar to a gonorrhœa may be induced by other means which inflame the urethra, but the purulent discharge is not infectious.

The disease is milder in women, but often of more difficult cure than in men; the sooner the disease appears after infection, the more violent the symptoms of inflammation are; the more extensive it is, the more difficult is the cure.

The disease admits of a natural cure, favoured by dilution, an antiphlogistic regimen, and rest; this is, however, tedious and uncertain, therefore it may be equally and effectually cured by art.

The cure consists in diminishing the inflammatory symptoms, and sometimes exciting a greater action in the diseased parts.

The body should be kept soluble by cooling and laxative medicines, as sulphur, crystals of cream of tartar, the neutral salts, and the like.

The urine should be diluted by drinking plentifully of watery fluids, with gum arabic or other vegetable mucilages.

The irritation on the inflamed surface should be moderated by the use of injections, so mild as to produce little or no pain in the urethra; their first operation is often followed by an increase in the discharge, which afterwards abates and becomes thicker.

All the injections in common use are either of lead, copper, zinc, or mercury. The following formulæ are well adapted to the purpose.—Vide *Formul. Select.* No. 80, 81, 104, 105, &c. 199.

The prejudices against the use of injections, diluted to the degree of giving no pain, are ill founded, nor do they ever tend to convert a gonorrhœa into a confirmed *Lues*.

It frequently happens that after the virulent and inflammatory symptoms are gone, a considerable discharge takes place from the relaxation and debility of the parts; this is generally called a gleet; it gives way to the internal use of heating balsams; the use of bark, tonics and cold bathing, either topical or general. Many instances have occurred of its being removed by inducing inflammation in the parts, by bougies, cantharides, and some of the former injections less diluted, so as to excite much pain and symptoms of strangury.

The inflammation of the urethra, from its violence extending along the course of the *vasa deferentia*, from too much exercise, the use of stimulating injections, and other means increasing inflammation, induce an inflammation of the testicle, accompanied with much pain and tumour. This is to be removed by bleeding, purging, fomentations, and the antiphlogistic regimen; it is to be considered only as a case of local disease.

As the inflammation abates in the testicle, the running appears again from the urethra.

Vitriolated quicksilver, and other active emetics, frequently do much good in this disease. The venereal *virus*, either by irritating the extremity of the lymphatics going to the groin, or being conveyed to the glands, inflames and produces suppuration.

In this case, every possible means in the beginning should be employed to prevent suppuration, by promoting the resolution of the tumour, and when *pus* is formed it should be evacuated either by the caustic or the knife; this may sometimes be a local complaint, but it is always safer to treat it as a confirmed disease.

It is to be treated like any other inflammation which threatens suppuration.

The venereal *virus* is sometimes so acrid as to erode the tender vessels, and produce ulceration; such ulcers when occurring, more especially in the penis, or female parts of generation, are called *chancres*.

There first appears a red spot, somewhat elevated, like a miliary pustule, which is attended with a sense of heat and itching; it has a white head, and becomes a deep ulcer with a white callous edge, frequently spreading over a large surface, and becoming phagedenic.

This, in the slightest degree, should be considered as a confirmed lues, so that while we endeavour to heal it by topical applications, internal remedies should be employed.

A more favourable suppuration is frequently induced by the application of a solution of *Formul. Select.* No. 80, 110, 113.

Tumours of the præpuce and glans, distinguished into the *phymosis* and *paraphymosis*, are to be treated as inflammatory, still having in view the propriety of considering them as possibly complicated with the absorption of venereal *virus*, and therefore treating them as a confirmed disease.

In considering the *lues venerea*, we are to have a view to the seat of it, and the means of distinguishing it from other diseases.

It arises from the absorption of the poisonous matter into the circulating system, infecting the animal fluids, more especially attaching itself to the mucous and glandular parts of the body.

Its source is chiefly from a chancre or ulcerated surface.

Does the matter of *gonorrhœa* and *lues* essentially differ from each other?

The symptoms of *lues venerea* are so various, that it is difficult to describe them.

It attacks the palate, fauces, Schneiderian membrane, with inflammation, and ulcers spreading, and deeply seated, with white callous edges; deglutition is painful, the bones become carious, and the matter discharged is foetid and offensive.

The patient complains of universal pain in the bones, especially about the middle of the tibia, increased by the heat of the bed; they abate towards the morning.— Sometimes tumour and suppuration take place on the affected parts.

The skin is frequently covered with broad round dry spots, of a brown or copper colour, easily distinguishable from other eruptions; they are frequently diffused over the whole surface of the body, but more especially in the forehead, and about the roots of the hair. There are fissures in the palms of the hands, or soles of the feet, separating an acrid and ichorous fluid.

Sometimes the skin is inflamed, and ulcers arise, which spread quickly over all the body. The glands of the body are indurated and obstructed, painful exostosis arise, which sometimes suppurate, and present underneath a carious bone. The bones are in some brittle, in others soft and flexible.

The eye-lids are inflamed and ulcerate, and a chronic ophthalmia comes on; the organ of hearing is sometimes affected, and the bones of the ear have been rendered carious.

The animal and vital functions have been much impaired.

It should be distinguished from other diseases.

The cure of this disease can only be effected by the use of mercury, other means only proving useful by favouring its operation.

It may be employed either as an alterative, or as an evacuant.

It may be used in different forms,

1. By fumigation.

2. By triture externally, in the form of unctiō, or internally, as divided by mucilaginous or powdery bodies.

3. As calcined by fire, in the form of *Hydrarg. calcinat.*

4. As united with acids, as in the form of *Hydrarg. muriat. calomel, &c.*

The most effectual practice is that by which the greatest quantity of mercury can be introduced into the habit, and kept in circulation for the longest time; this is best done by having recourse to unctiō, so graduated in its quantity and mode of application, as to prove an alterative remedy.

Other preparations have their particular advantages, as calculated to act forcibly on particular parts of the body, and remove particular and urgent symptoms.

Salivation is not necessary to cure venereal complaints; it more frequently impedes than promotes the cure.

The practical rules for managing and conducting that process are to be explained.

A moderate degree of external warmth, the occasional use of the warm bath, and a mucilaginous, diluent, and antiphlogistic regimen should accompany salivation.

Mercury sometimes produces high symptoms of inflammation in the system, which are to be properly moderated.

The action of mercury may be promoted by the resinous woods, of guaiacum and sassafras; sarsaparilla and China root are likewise employed for the same purpose.

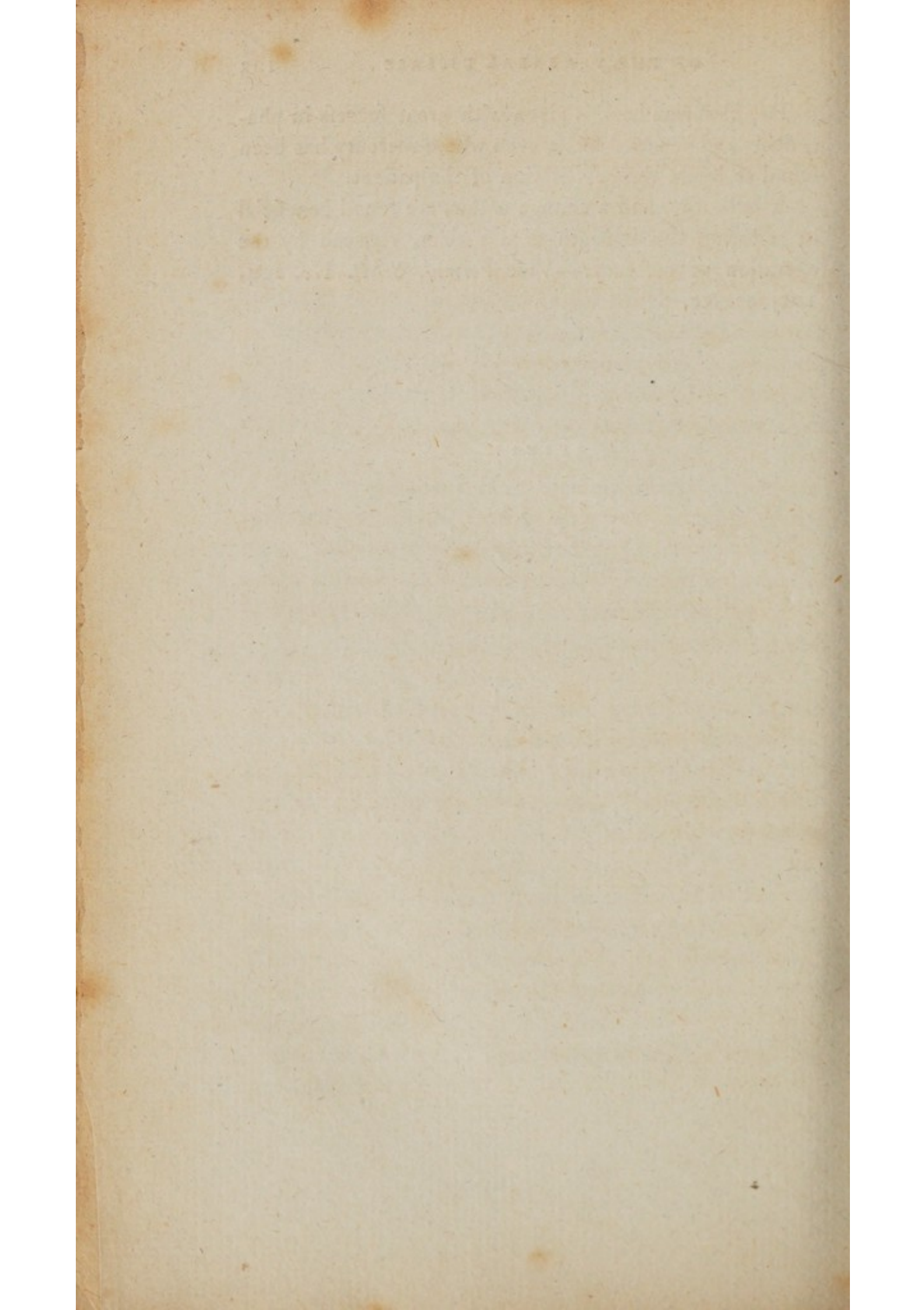
They are always found most serviceable when mercury has preceded their use.

The mezereon has been found to assist in removing exostosis.

The Peruvian bark is given with great success in phagedenic and venereal sores, even where mercury has been found to injure the constitution of the patient.

A milk diet, and a change of air, are found beneficial in restoring the strength of a patient, reduced by the operation of mercury.—Vide *Formul. Select.* No. 104, 105, &c. &c.

FINIS.



FORMULÆ MEDICAMENTORUM SELECTÆ.

ACIDUM MURIATICUM.

No. 1.

Rx Acid. muriat. gutt. xxx.
Mell. Rosæ, unc. ii.
Decoct. Hord. unc. vi.
Fiat Gargarisma.

ACIDUM NITROSUM.

No. 2.

Rx Acid. nitros. m. dr. i.
Aq. distillat. lib. ii. M.
Bibat æger quotidie, ope tubuli vitrei, a libra una ad
libras duas usque.

ACIDUM VITRIOLICUM.

No. 3.

Rx Infus. Rosæ, unc. vii.
Natr. vitriolat. unc. fs.
Solve et adde,
Spir. Piment. unc. fs.
Capiat cochlearia quatuor, sexta quaque hora.

No. 4.

Rx Acid. vitriol. dilut. dr. ii.

Tinct. Cinchon. comp. unc. ii. M.

Capiat cochlearium unum vel alterum minimum, bis
indies, ex aquæ fontis cyatho.

ACONITUM.

No. 5.

Rx Succ. spissat. Aconit. gr. i.

Glycyrrh. Pulv. gr. ii.

Conserv. Cynosb. q. s.

Fiat Pilula, bis terve indies fumenda.

ALOËS.

No. 6.

Rx Aloës Socotor. in pulv. trit. dr. fs.

Sapon. dr. ifs.

Ol. essent. Caryoph. arom. gutt. iii.

Syr. simpl. q. s. ut fiat massa.

Sint Pilulæ triginta, quarum fumantur quatuor, singulis
noctibus.

No. 7.

Rx Pulv. aloët. cum Ferr. dr. i.

Syr. Zingib. q. s. ut fiant Pil. xvi.

Sumantur quatuor singulis noctibus.

No. 8.

Rx Pulv. aloët. cum Guaiac. scrup. ii.

—— antimonial. scrup. i.

Syr. simpl. q. s.

Fiant Pilulæ fedecim, quarum capiat æger duas omni
nocte, hora somni.

No. 9.

Rx Vin. Aloës, unc. iifs.

Spir. Ammon. comp. unc. fs. M.

Capiat cochleare unum pro re nata, ex vehiculo quovis idoneo.

No. 10.

Rx Aloës Socotor. dr. ii.

Lact. nov. vaccin. unc. viii.

Tere simul ut fiat Enema, tepidum injiciendum.

ALUMEN.

No. 11.

Rx Alumin. in pulv. trit. gr. x.

Conf. Rosæ rubr. scrup. i.

Fiat Bolus, bis terve indies sumendus.

No. 12.

Rx Alumin. in pulv. trit. scrup. ii.

Infus. Rosæ, unc. vi.

Mell. Rosæ, unc. i. M. ut fiat Gargarism.

Utatur sæpius in die.

No. 13.

Rx Alumin. ust. in pulv. trit. dr. iii.

Colcoth. vitriol. (Pharm. Edin.) dr. i.

Fiat Pulvis, pauxillo cujus partes affectæ quotidie aspergantur.

AMMONIA.

No. 14.

Rx Ammon. præp. gr. vi.

Tinct. Cardam. comp. dr. i.

Aq. Puleg. dr. xi.
Syr. Cort. Aurant. dr. i.
Fiat Haustus, sexta quavis hora capiendus.

No. 15.

Rx Spir. Ammon. fuccin. gutt. xx.
Mist. camphorat. dr. xi.
Spir. Lavend. comp. dr. i. M.
Fiat Haustus, bis terve quotidie fumendus.

No. 16.

Rx Spir. Ammon. comp.
—— Lavend. comp.
Tinct. Castor. singul. unc. i. M.
Capiat cochleare parvulum, ex pauxillo Aquæ fontanæ,
sub languore.

No. 17.

Rx Liq. volat. Corn. Cerv. gutt. xx.
Tinct. Colomb. dr. i.
Aq. Cinnam.
Aq. distillat. singul. dr. vi. M.
Fiat Haustus, hora prima pomeridiana et sexta vespertina, quotidie fumendus.

No. 18.

Rx Aq. Ammon. acetat. unc. vi.
Spir. vinos. rect. unc. ii. M.
Fiat Embrocatio.

No. 19.

Rx Aq. Ammon. acet. unc. ii.
Vin. Antim. Tart. dr. i.
Mist. camphorat. unc. iv. M.
Sumat cochlearia tria, sexta quaque hora.

No. 20.

℞ Sal. ammon. in pulv. trit. scrup. ii.
Aq. distillat. unc. ivfs.
Spir. Piment. unc. i.
Syr. Succ. Limon. unc. fs. M.
Capiat cochlearia tria, ter indies.

No. 21.

℞ Sal. ammon. in pulv. trit. dr i.
Aceti, unc. iv.
Spir. vinos. ten. unc. ii.
Spir. camph. dr. i.
Fiat Epithema liquidum.

AMMONIACUM.

No. 22.

℞ Ammoniac. Gum. in pulv. trit.
Scill. recent. singul. dr. fs.
Simul contunde, ut fiant Pilulæ duodecim.—Sumat
tres, bis terve quotidie.

No. 23.

℞ Lact. Ammoniac. unc. v.
Oxymell. Scill.
Tinct. Opii camph. singul. unc. fs. M.
Capiat cochlearia duo, sexta quaque hora.

ANGUSTURÆ CORTEX.

No. 24.

℞ Cort. Angust. contus. dr. ii.
—— Aurant. Hisp. dr. i.
Aq. fervent. lib. i.

Macera et cola.

Infus. colat. dr. xi. adde,

Tinct. Cardam. comp. dr. i. M.

Sit Haustus, ter quotidie fumendus.

ANTIMONIUM.

No. 25.

Rx Antimon. præp.

Hydr. cum Sulphur. singul. scrup. i.

Syr. Aurant. Cort. q. s.

Fiat Bolus, bis die fumendus.

No. 26.

Rx Pulv. antimonial. gr. iii.

Camphor. (ope pauxill. spir. vinos.
rect. in pulv. trit.) gr. vii.

Conserv. Cynosb. q. s.

Fiat Bolus, sexta quaque hora fumendus.

No. 27.

Rx Kali præp. dr. ii.

Succ. Limon. q. s. ut ritè saturetur alkali.

Vin. Antim. tart. dr. ii.

Aq. distillat.

— Cinnam. singul. unc. ii.

Syr. simpl. dr. ii. M.

Sit Julepum, cujus æger capiat cochlearia tria, quarta
quavis horâ.

No. 28.

Rx Vitri Antimon. cerat. (Ph. Ed.) dr. fs.

Confect. opiat. q. s.

Sint Pilulæ decem, quarumumat unam bis quotidie,

No. 29.

℞ Antimon. tart.
Opī purificat.
Calomel. singul. in pulv. trit. gr. v.
Conserv. Rosæ rubr. q. s.
Fiant Pilulæ decem, unam quarum capiat omni nocte.

No. 30.

℞ Vin. Antimon. gutt. xxx.
Tinct. Opī camphorat. dr. iſs.
Aq. distillat. dr. x.
Syr. Papav. alb. dr. ſs. M.
Sit pro Haustu hora somni.

ARGENTUM.

No. 31.

℞ Argent. nitrat. gr. iii.
Solve terendo in Aquæ distillatæ guttis aliquot, et
adde Micæ Panis q. s. ut fiat massa, in Pilulas viginti
dividenda. Sumat duas vel tres bis die.

ARSENICUM.

No. 32.

℞ Arsen. alb. præp.
Kali præp. singul. gr. v.
Aq. distillat. unc. ii.
Solve coquendo in vase vitreo, et liquorem frige factum
cola. Sit dosis a guttis duabus ad guttas viginti usque,
ex Aquæ fontanæ cyatho, bis terve quotidie.

ARUM.

No. 33.

℞ Ari Rad. recent.
Arab. Gum. Pulv. singul. scrup. iv.

Sperm. Ceti, scrup. ii.

Aq. Puleg. unc. viifs.

Syr. simpl. dr. iii.

Terendo in mortario marmoreo fiat Emulsio, cujus
capiat cochlearia duo vel tria, bis terve indies.

ASA FŒTIDA.

No. 34.

Pilul. Galban. comp.

Dosis a granis decem ad scrupulum unum, bis quotidie.

No. 35.

℞ Lact. Asæ fœtid. unc. vfs.

Spir. Lavend. comp. unc. fs.

—— Ammon. comp. dr. ii. M.

Sumat ter quotidie cochlearia tria.

No. 36.

℞ Lact. Asæ fœtid. unc. viii.

Tinct. Opii, dr. i. M.

Pro Enemate hora somni injiciatur.

ASARUM.

No. 37.

℞ Pulv. Asar. comp. quantum vis.

Hauriatur tantillum naribus, ut sternutatio excitetur.

BALSAMUM CANADENSE.

No. 38.

℞ Balf. Canad. dr. iii.

Vitell. Ovi. q. s.

Probé subactis, admisce sensim,

Mell. despumat. dr. iii.

Aq. Cinnam. unc. iii.

Sumat æger, quolibet quadrihorio, cochleare unum;
semper autem ante usum concutiaturn lagena.

BALSAMUM COPAIVA.

No. 39.

Rx Balf. Copaiv.

Oliban. in pulv. trit. singul. dr. ii.

Conf. Cynosb. unc. fs. M.

Fiat Electuarium, de quo, bis terve in die, ad nucis
moschatæ magnitudinem capiatur.

No. 40.

Rx Balf. Copaiv.

Spir. vinos. rectif. singul. part. æqual. M.

Capiat guttas quadraginta, ter de die, ex Lactis novi
cyatho.

BALSAMUM PERUVIANUM.

No. 41.

Rx Ol. Amygdal. unc. i.

Balf. Peruv. dr. ii.

Syr. Alth. unc. fs.

Vitell. Ovi unius.

Bene terantur simul, dein sensim admisceantur,

Aq. Font. unc. vi.

Capiat bis die unciam unam.

BELLADONNA.

No. 42.

Rx Belladon. Folior. exsiccat. dr. fs.

Aq. fervent. unc. xii.

Macera in vase operto, et liquorem cola; infusi colati unciis septem addens,

Tinct. Cardam. comp. unc. i.

Capiat cochlearia duo, ter de die, et sensum dosis augeatur.

B O R A X.

No. 43.

R Borac. in pulv. trit. dr. i.

Mell. despumat. unc. i. M.

Fiat Ecligma, quocum fauces et lingua sæpius obliniantur.

C A L X.

No. 44.

R Aq. Calc.

Lact. nov. vaccin. singulor. lib. i. M.

Bibatur partitis vicibus, et quotidie repetatur.

No. 45.

R Aq. Calc.

Ol. Oliv. singulor. unc. iifs.

Spir. vinos. rectific. unc. fs.

Fiat Linimentum.

CAMPHORA.

No. 46.

R Camphor. (guttis aliquot Spir. vinos. rect. in pulverem redactæ) gr. viii.

Pulv. antimonial. gr. iii.

Conserv. Aurant. Cortic. q. s.

Fiat Bolus, ex Seri Lactis poculo, sexta quaque hora capiendus.

No. 47.

Rx Camphor.

Castor. Ruffic.

Mosch. singul. in pulv. tritor. gr. v.

Syr. Papav. alb. q. s.

Fiat Bolus, ter de die fumendus.

No. 48.

Rx Kali præp. scrup. i.

Succi Limon. unc. fs.

Mist. camphorat. dr. xii. M. ut fiat Haustus
quarta quavis hora fumendus.

Haustui nocturno addantur, Tinct. opii, guttæ viginti,
vel Mithridat. drachma dimidia.

No. 49.

Rx Mist. camphorat. unc. vi.

Aq. Ammon. acetat. unc. ii. M.

Sumat cochlearia quatuor, sexta quaque hora.

No. 50.

Rx Liniment. Sapon. compos. unc. iifs.

Tinct. Opii, unc. fs M.

Hujus tantillo, bis in die, pars affecta obliniatur.

CANTHARIS.

No. 51.

Rx Cantharid. in pulver. subtil. trit. gr. fs.

Micæ Panis quant. sat. fit ut fiat Pilula mane nocteque
fumenda, et prout symptomata se habeant, cautè augeatur
dosis ad grana duo vel tria quotidie.

No. 52.

℞ Tinct. Cantharid. dr. vi.

Tinct. Opii camphorat. dr. ii. M.

Sumantur a guttis viginti ad octoginta, vel centum usque, ex Decocto Hordei, bis terve indies.

No. 53.

℞ Linim. Sapon. comp. unc. ifs.

Tinct. Cantharid. unc. fs. M.

Fiat Linimentum, quo pars dolens fricetur.

CASCARILLA.

No. 54.

℞ Cascarill. Cortic. contus. unc. fs.

Aq. fervent. unc. xii.

Macera per horas sex, liquorem frige factum cola, et colati unciis septem adde,

Tinct. Cortic. ejusdem, unc. i.

Capiat, ter quaterve indies, cochlearia quatuor.

CASTOREUM.

No. 55.

℞ Castor. Russic. in pulv. trit.

Mithridat. singulor. scrup. i.

Syr. simpl. q. s.

Fiat Bolus, quem capiat æger bis die; superbibens Misturæ camphoratæ cochlearia tria.

No. 56.

℞ Mistur. camphorat. dr. x.

Tinct. Castor. dr. i.

Spir. Lavendul. comp. dr. fs.

Sit Haustus, quamprimùm fumendus, et, urgente pa-
xyfmo, post horas duas repetendus.

CATECHU.

No. 57.

R̄ Catech. in pulv. trit. scrup. i.

Confect. opiat. gr. x.

—— aromat. quant. sat. fit.

Fiat Bolus, bis terve in die fumendus.

No. 58.

R̄ Mist. cretac. unc. vi.

Tinct. Catech. unc. i. vel

—— Kino unc. fs.

Confect. opiat. dr. i. M.

Capiat, post singulas dejectiones liquidas, cochlearia
o vel tria, concusso prius vitro.

No. 59.

Electuarium Catechu (Pharm. Edin.)

Dosis a scrupulis duobus ad scrupulos quinque.

CHAMÆMELUM.

No. 60.

R̄ Chamæm. Flor. in pulv. trit. scrup. i.

Myrrh. Pulv. gr. v.

Rhabarb. Pulv. gr. iii.

Fiat Pulvis, vel Syrupo simplice Bolus, bis de die
piendus.

No. 61.

℞ Chamæm. Flor. unc. iv.
Lavend. Flor. unc. i
Ror. marin. Cacumin. unc. ii.

Conscissa, tusa, mista, sindoneque infusa, et in aqua fervida calefacta, epigastrio applicentur.

CICUTA.

No. 62.

℞ Succ. Cicut. spissat. gr. iii.
Pulv. Trag. comp. dr. i.

Simul terantur, et in portiones sex æquales dividantur, quarum sumat unam bis in die. Cicutæ dosin paulatim augeri licet, pro re nata.

No. 63.

℞ Succ. Cicut. spissat. dr. i.

Herb. Cicut. exsiccat. in pulv. trit. quant. fiat ad massam pilularem fingendam: Fiant Pilulæ triginta, quarum unam primò, dein plures, aucto illarum pro re nata numero, singulis diebus sumat.

No. 64.

℞ Cicut. Herb. exsiccat.
Chamæm, Flor. singul. unc. i,
Aq. fervent. lib. i.

Coque per sextam horæ partem, et liquori expresso addidit
Farin. Lin. Semin. quant. fat. sit ut fiat Cataplasma.

Parti dolenti calidum, et pauxillo olei olivæ illinitum applicetur, ac renovetur bis die.

CINCHONA.

No. 65.

Rx Cinchon. flav. in pulv. trit. dr. iii.

Divide in partes duodecim æquales, quarum capiat unam in horas ex Lactis vaccini cyatho, absente paroxysmo.

No. 66.

Rx Cinchon. flav. in pulv. trit. scrup. i.

Serpentar. Virginian. Pulv. gr. x. vel

Cascarill. Cortic. Pulv. gr. x.

Aq. distillat. dr. xi.

Syr. Zingib. dr. i. M.

Sit Haustus, quarta quaque horâ capiendus.

No. 67.

Rx Decoct. Cinchon. unc. vi.

Tinct. ejusdem comp. unc. i.

Acid. vitriolic. dilut. dr. i.

Syr. Aurant. Cortic. unc. fs. M.

Hujus Misturæ cochlearia quatuor, horis duabus interpositis, capienda.

No. 68.

Rx Cinchon. flav. in pulv. crass. contus. unc. fs.

Rosar. rubr. exsiccat. dr. ii.

Aq. fervent. unc. xii.

Macera in vase idoneo, et liquorem frigesactum cola.

Infus. colat. unc. vii. adde,

Acid. vitriolic. dilut. dr. i. et

Syr. simpl. unc. fs. ut fiat Mistura, cujus cathum bibat quarta quaque horâ.

No. 69.

Rx Cinchon. rubr. in pulv. trit. unc. i.
Chamæm. Flor. Pulv. unc. fs.
Ferr. Rubigin. dr. ifs.
Syr. Aurant. Cort. q. s.

Fiat Electuarium, de quo sumat nuclei fructûs myristicæ
instar, ter quotidie.

No. 70.

Rx Extract. Cinchon. moll. dr. ifs.
Ferr. vitriolat. in pulv. trit. scrup. i.
Syr. simpl. si opus fuerit ad massam fingendam.

Fiant Pilulæ triginta, quarum tres mane meridie vesper
que sumantur.

No. 71.

Rx Decoct. Cinchon. unc. vi.
Acid. vitriolic. dilut. dr. i.
Mell. Rosæ, unc. i. M.

Fiat Gargarisma, quocum os et fauces sæpè de d
colluantur.

No. 72.

Rx Cinchon. in pulv. trit. dr. ii.
Lact. nov. vaccin. unc. viii. M.

Pro Enemate injiciatur, et, horis tribus interpositis,
tertiam vicem repetatur.

COLCHICUM.

No. 73.

℞ Oxymell. Colchic. unc. fs.

Sal. ammoniac. dr. i.

Aq. Menth. piperit. unc. vss.

Secundum artem fiat Mistura, cujus sumat cochlearia tria ter in die.

COLOCYNTHIS.

No. 74.

℞ Extract. Colocynthid. comp. gr. xv.

Calomelan. gr. iii.

Ol. essential. Piment. gutt. ii.

Sint Pilulæ quatuor, primo mane sumendæ.

No. 75.

℞ Colocynthid. dr. i.

Aq. fervent. unc. x.

Coque per sextam horæ partem, et liquori colato adhuc tepido admisce,

Syr. Spin. cervin. unc. i. ut fiat Enema statim adhibendum.

COLOMBA.

No. 76.

℞ Colomb. in pulv. trit. gr. x.

Rhabarb. Pulv.

Ferr. Rubigin. singul. gr. v. M.

Fiat Pulvis, vel Syrupo Zingiberis Bolus, bis quotidie sumendus.

CORNU CERVI.

No. 77.

Rx. Sal. Corn. Cerv. gr. x.
Aq. Puleg. dr. xi.
Tinct. Cardam. comp. dr. i. M.
Sit Haustus. Sub languorem fumatur.

CUCUMIS AGRESTIS.

No. 78.

Rx Elater. gr. iii.
Cryſtallor. Tartar. ſcrup. i.
Simul in pulverem tenuem terantur, et addatur Con-
ſervæ Aurantii Corticis quantum ſatis ſit ut fiat Bolus,
mane primo, bis in hebdomadâ, fumendus.

CUPRUM.

No. 79.

Rx Pilul. Cupr. (Ph. Ed.) dr. i.
Divide in Pilulas viginti, quarum capiat in die duas
vel tres.

No. 80.

Rx Cupr. ammoniac. (Ph. Ed.) gr. v.
Aq. Roſæ, unc. v. Solve.
Utatur, more ſolito, pro Injectione.

No. 81.

Rx Oxymell. Ærugin. unc. ſs.
Mell. Roſæ, unc. ii.
Decoct. Hord. unc. iiifs. M.
Utatur pro Gargarifmate.

DIGITALIS.

No. 82.

- ℞ Digital. Herb. exsiccat. in pulv. trit. gr. i.
Cryſtallor. Tart. Pulv. dr. ſs.
Pulv. aromatic. gr. iii. M.

Fiant Pulveres ſex hujusmodi, quorum ſumatur unus
bis terve de die.

No. 83.

- ℞ Digital. Herb. exsiccat. in pulv. trit. gr. x.
Confection. opiat. q. ſ. ut fiant Pilulæ decem.
Sumat unam vel alteram bis in die.

No. 84.

- ℞ Digital. Herb. exsiccat. dr. i.
Aq. fervent. unc. viii.

Macera per horæ ſextam partem, et liquori cum ex-
preſſione colato adde,

Tinctur. Cardam. comp. unc. i.

Capiat unciam unam bis die.

DOLICHOS.

No. 85.

- ℞ Dolich. Pub. rigid. (Ph. Ed.) dr. i.
Syr. ſimpl. q. ſ. ut fiat Electuarium.

Capiat cochlearium minimum, ſingulis auroris, ad ter-
tiam uſque vicem.

EUPHORBIIUM.

No. 86.

- ℞ Emplaſt. Pic. Burgund. comp. unc. ii.
Euphorb. in pulv. trit. dr. ſs.

Secundum artem fiat Emplaſtrum, quod parti dolenti
admoveatur.

FERRUM.

No. 87.

R Ferr. ammoniac. gr. v. vel
Ferr. vitriolat. gr. iii.
Pulv. Myrrh. comp. gr. xv.

Bene simul terantur, et Syrupo Zingiberis fiat Bolus,
bis in die fumendus.

No. 88.

R Tinct. Ferr. muriat. unc. fs.
Spirit. Cinnam. unc. ifs. M.

Capiat cochleare parvulum unum vel alterum, bis de
die, ex Aquæ puræ tepidæ cyatho.

No. 89.

R Ferr. vitriolat. in pulv. trit. gr. xii.
Extract. Gentian. dr. ii.
Ol. essential. Menth. pip. gutt. ii.

Simul contunde, et massam in Pilulas triginta divide;
quarum tres vel quatuor bis de die fumantur, ex poculo
Infusi Florum Chamæmeli.

No. 90.

R Ferr. Rubigin. vel
—— tartarifat. dr. ii.
Conserv. Absinth. maritim. vel.
—— Aurant. Cortic. unc. ifs.
Syr. ejusdem. dr. ii. ut fiat Electuarium.

Capiat minutum cochleare, ex tantillo Vini rubri
Lusitanici.

GALBANUM.

No. 91.

℞ Pil. Galban. comp. dr. ii.

Ferr. Rubigin. scrup. iv.

Syr. Zingib. q. s. ut fiat massa pilularis.

Fingatur in Pilulas quadraginta, de quibus fumantur
quatuor bis in die, ex cyatho Aquæ Pulegii.

No. 92.

Tinct. Galban.

Dosis drachma una vel altera, ex quovis vehiculo.

GALLA.

No. 93.

℞ Gall. in pulv. trit. dr. i.

Adip. suill. præp. unc. i.

Tere simul ut fiat Unguentum, quo partes affectæ nocte
maneque illinantur.

GAMBOGIA.

No. 94.

℞ Gambog. in pulv. trit. gr. v.

Crystallor. Tart. Pulv. scrup. i.

Conf. Aurant. Cort. q. s.

Fiat Bolus, diluculo fumendus.

GENTIANA.

No. 95.

℞ Infus. Gentian. comp. dr. x.

Kali præp. gr. x.

Spir. Piment. dr. ii. M. ut fiat Haustus.

Sumatur talis, vacuo stomacho, mane, iterumque hora
ante prandium.

GRANATUM.

No. 96.

℞ Balauft. vel
Tormentill. contuf. dr. i.
Rhabarb. incif.
Zingiber. incif. fingul. dr. fs.
Aq. fervent. unc. xii.

Macera per horæ fpatium, et cola. Dofis uncia una cum femiffe bis de die.

GUAIA CUM.

No. 97.

℞ Guaiac. Gum-refin. in pulv. trit.
Mithridat. utriufq. gr. xv.

Terantur fimul, et Syrupo aliquo fiat Bolus, omni nocte capiendus.

No. 98.

Tinct. Guaiac. ammoniat.

Dofis a drachma una ad unciam dimidiam ufque bis indies ex Decocto Hordei.

HÆMATOXYLUM

No. 99.

℞ Hæmatoxyl. raf. unc. i.
Aq. diffillat. lib. ifs.

Decoque ad libram unam, et cola. Liqueur colati unciis feptem addatur,

Tinct. Cinnamon. unc. i. ut fiat Miftura aftringens; cujus capiat cochlearia tria poft fingulas fedes liquidas.

No. 100.

℞ Extract. Hæmatoxyl. gr. x.

Pulv. Rad. Rhabarb. gr. v.

Confect. opiat. gr. xv.

Simul terantur, ut fiat Bolus, bis de die capiendus.

HELLEBORUS ALBUS.

No. 101.

℞ Unguent Helleb. alb.

—— Sulphur. singul. unc. fs.

Misce ut fiat Unguentum pforicum. Utatur singulis
noctibus per hebdomadam, more solito.

HELLEBORUS NIGER.

No. 102.

Tinctur. Hellebor. nigr.

Dosis a guttis viginti ad sexaginta usque, bis in die.

No. 103.

℞ Extract. Hellebor. nigr. scrup. i.

Ol. essential. Menth. piperit. gutt. i.

Sint Pilulæ numero quatuor. Capiatur una, nocte
maneque.

HYDRARGYRUS.

No. 104.

Pilul. Hydrargyr.

Dosis a granis decem ad scrupulum unum vel drachmam
dimidiam usque.

No. 105.

Rx Pilul. Hydrargyr.

Succ. Cicut. spissat. singul. dr. i.

Simul contunde, et massam divide in Pilulas quatuor et viginti; quarum dentur duæ mane nocteque.

No. 106.

Rx Pilul. Hydrargyr. gr. x.

Conserv. Scill. scrup. i.

Contunde simul, ut pro Bolo hora somni detur.

No. 107.

Rx Unguent. Hydrarg. fort. unc. fs.

Camphor. scrup. i.

Ol. Oliv. gutt. xx.

Camphoræ terendo in oleo solutæ immisce Unguentum. Divide in partes quatuor æquales, una quarum leniter inungatur locus adfectus omni nocte.

No. 108.

Rx Hydrargyr. calcinat. in pulv. ten. trit. gr. x.

Confect. opiat. dr. i.

Pulv. Radic. Glycyrrh. q. s. ut fiat massa in Pilulas viginti fingenda. Detur una mane et vespere, ac superbibat æger Decocti Sarsaparillæ compositi libram dimidiam.

No. 109.

Rx Hydrargyr. muriat. gr. iv.

Sal. ammoniac. gr. viii.

Spir. vinos. tenuior. unc. ii.

Solve, et solutionis detur cochleare minimum bis de die ex Decocti Hordei cyatho.

No. 110.

- ℞ Hydrargyr. muriat. gr. ii.
Sal. ammoniac. gr. i.
Aq. Rosæ, unc. viii. solve.

Liquoris hujus tepesacti pauxillum, ope siphunculi
eburni, in virgam bis terve indies injiciatur.

No. 111.

- ℞ Calomelan. scrup. i.
Sulph. Antimon. præcipit. dr. fs.
Guaiaac. Pulv. dr. i.
Bals. Copaiv. quant. sat. sit ut fiant Pilulæ
triginta, quarum fumantur tres vel quatuor singulis noc-
tibus.

No. 112.

- ℞ Hydrargyr. muriat. mit. gr. x.
Opii. purificat. gr. v.
Conserv. Aurant. Cortic. q. s. ad mass. pilul.
frangend.

Sint Pilulæ decem, quarum detur una omni nocte.

No. 113.

- ℞ Unguent. Hydrargyr. nitrat. unc. fs.
—— Adip. suill. unc. i.

Conterantur ut fiat Unguentum, quo partes affectæ
subindè inungantur.

No. 114.

- ℞ Hydrarg. vitriolat. gr. vii.
Conserv. Aurant. Cortic. q. s. ut fiat Bolus
emeticus, vesperi fumendus.

IPECACUANHA.

No. 115.

℞ Ipecac. in pulv. trit. gr. xv.

Antimon. tartarifat. gr. i. M. ut fiat Pulvis
emeticus.Ex pauxillo liquoris alicujus idonei vespere hauriatur,
et, vomitu moto, superbibantur cyathi aliquot Infusi tepidi
Florum Chamæmeli.

No. 116.

℞ Ipecac. in pulv. trit. gr. ii.

Rhabarb. pulv.

Pulv. Cret. composit. cum Opio, sing. gr. x.

Syr. Aurant. Cortic. quant. suff.

Sit Bolus, omni nocte sumendus, dum æger dejectioni-
bus laborat.

No. 117.

Vin. Ipecac.

Dosis ad vomitum ciendum, ab uncia dimidia usque
ad fescunciam.

JALAPIUM.

No. 118.

℞ Jalapii,

Cryſtallor. Tart. ſingul. in pulv. tritor. dr. ſs.

Pulv. aromat. gr. v. M.

Sit Pulvis catharticus, mane ex ſero lactis a jejuno
excipiendus.

No. 119.

- R Infus. Senn. tartarifat. unc. ii.
Tinct. Jalap.
Syr. Spin. cervin. singul. dr. ii. M.

Hauriatur mane pro dosi.

K A L I.

No. 120.

- R Kali acetat. dr. ii.
Aq. Menth. piperit. unc. ifs.
Spir. Lavendul. comp. gutt. xxx.

Fiat Haustus, ter in die capiendus.

No. 121.

- R Aq. Kali pur. unc. fs.
Aq. Calc. unc. vifs. M.

Sumat cochleare unum plenum bis in die, ex poculo
Musculi bovini.

No. 122.

- R Kali tartarifat.
Natr. tartarifat.
—— vitriolat.
Sod. phosphorat. (Ph. Ed.)
Magnes. vitriolat. horum cujus volueris, unc. ii.
Aq. Menth. piperit. unc. vi. Solve.

Capiat cochlearia tria alternis horis, donec rite sol-
vatur alvus.

No. 123.

R Kali vitriolat.
Rhabarb. singul. in pulv. trit. gr. xv.
Pulver. aromatic. gr. v.

Conterantur, ut fiat Pulvis purgans. Detur manè.

No. 124.

K I N O.

R Kino in pulv. trit. gr. v.
Pulv. Cret. comp. cum Opio, gr. xv. M.

Fiat Pulvis, vel, syrupum zingiberis addendo, Bolus,
ad alvum contrahendum mane fumendus.

MAGNESIA.

No. 125.

R Magnes. ustæ, scrup. i.
Rhabarb. in pulv. trit. gr. x. M.

Sit Pulvis, ex Aqua Menthæ piperitidis mane fumen-
dus, et, urgente cardialgia, pro re nata repetendus.

M A N N A.

No. 126.

R Mann. optim. unc. i.
Mucilagin. Arabic. Gum.
Ol. Amygdal.
Syr. Limon. Succ. singul. dr. ii. M.

Fiat Linctus, cujus capiat minutum cochlearium pro
necessitate.

No. 127.

- ℞ Mann. optim.
Ol. Amygdal. utriusq. unc. i.
Kali præp. gr. xii.
Aq. Cinnamom.
— Font. utriusq. unc. iii.

Manna Oleo et Kali ritè terendo subactis, admisce paulatim Aquas ut fiat Emulsio, cujus sumantur unciaë duæ bis quotidie.

No. 128.

- ℞ Mann. optim. unc. ii.
Fruet. Tamarindor. unc. i.
Seri Lact. unc. viii.

Coque Tamarindos ex fero per sextam horæ partem et cola; dein adde Mannam ut fiat Mistura, cujus capiat vasculum secunda quaque hora, donec responderit alvus.

MEZEREUM.

No. 129.

- ℞ Mezer. Radic. Cortic. dr. ii.
Aq. Font. libr. ii.

Decoque ad libram unam. Sub finem coctionis adde,
Glycyrrhiz. Radic. incis. unc. i. et cola.

Bibat æger ab unciis duabus usque ad uncias quatuor, ter quaterve indies.

MOSCHUS.

No. 130.

℞ Mosch.

Castor. Russic. utriusq. in pulv. trit. scrup. i.

Conserv. Cynosbat. dr. i.

Fiant Boli numero duo, quorum alter mane, alter
vesperi sumatur, ex Misturæ camphoratæ unciis duabus.

No. 131.

Mistur. moschat.

Dosis cochlearia tria, sexta quaque hora.

MYRRHA.

No. 132.

℞ Myrrh. in pulv. trit. dr. i.

Kali præp. dr. fs.

Ferr. vitriolat. gr. xii.

Mucil. Arabic. Gum. dr. ii.

Decoct. Glycyrrh. Radic. recent. unc. vifs.

Spir. Piment. unc. i.

Tere Myrrham et Ferrum vitriolatum cum Kali et
Mucilagine, donec perfecte commisceantur, dein adde
reliqua. Dosis uncia una, bis terve de die.

No. 133.

℞. Myrrh. in pulv. trit. scrup. ii.

Ferr. vitriolat. gr. xii.

Bene conterantur, et gradatim adde,

Aq. Kali præp. gutt. xxv. ut fiat massa in Pilulas
duodecim æquales dividenda: harum sumantur duæ, ter
quotidie.

No. 134.

℞ Myrrh. in pulv. trit. scrup. viii.
Conserv. Rosæ rubr. unc. i.
Acid. vitriolic. dilut. dr. ii.
Syr. Aurant. Cortic. quant. sat. sit ut fiat Electu-
arium molle ; cujus ter indies detur, quod nuclei fructûs
myristicæ magnitudinem habeat.

NATRON.

No. 135.

℞ Natr. præp. in leni igne calcinat. dr. ifs.
Rhabarb. in pulv. trit. dr. fs.
Conserv. Rosæ rubr. q. s.

Fiant Pilulæ mediocres, quarum fumantur tres bis
terve indies ex cyatho Aquæ, vulgò mephiticæ alkalinae
dictæ.

NICOTIANA.

No. 136.

℞ Nicotian. Virginian. dr. i.
Aq. fervent. unc. iv.

Macera per femihoram, et infusi cum expressione
colati unciis tribus adde,

Spir. Piment. unc. i.

Dosis a guttis triginta, usque ad sexaginta, bis terve
indies.

Infuso, omisso Spiritu Pimento, uti liceat pro enemate,

NITRUM.

No. 137.

℞ Nitr. purificat. gr. x.
Pulver. Tragacanth. compos. scrup. i.
Conterantur, ut fiat Pulvis, ter quotidie fumendus.

No. 138.

℞ Nitr. purificat. dr. i.
Lact. Amygdal. unc. viii.
Solve conterendo, ut fiat Mistura. Sumantur cochlearia
tria, singulis quadrihoriis.

No. 139.

℞ Nitr. purificat. in pulv. trit. gr. x.
Aq. distillat.
Mell. acetat. utriusq. dr. v.
Tinct. Cardamom. comp. dr. i. M.
Sit pro Haustu, sexta quaque hora fumendo.

OLIBANUM.

No. 140.

℞ Oliban. in pulv. trit. dr. fs.
Decoct. Cinchon. dr. xii.
Syr. tolutan. dr. i. M.
Sit Haustus, ter quaterve in die capiendus.

OPIUM.

No. 141.

- ℞ Tinct. Opii gutt. xx.
Aq. Cinnam. unc. i.
Syr. Papav. errat. dr. fs. M.

Sit Haustus, noctu dormituro dandus.

No. 142.

- ℞ Opii purif. gr. i.
Calomelan. gr. iii.
Cons. Aurant. Cort. q. s. ut fiat

Pilula, hora somni sumenda.

No. 143.

- ℞ Confect. opiat. dr. i.
—— aromat. dr. ii.
Aq. Menth. fativ. unc. vii.
Spirit. Lavend. comp. unc. fs. M.

Phiala concussa, dentur cochlearia tria ampla, ter quaterve indies.

No. 144.

- ℞ Tinct. Opii, dr. i.
Mucil. arabic. Gum. unc. fs.
Lact. vaccin. nov. unc. iiifs. M. ut fiat Enema
statim injiciendum.

No. 145.

- ℞ Opii purif. scrup. i.
Empl. Litharg. unc. i.
Secund. art. misce ut fiat Emplastrum.
Super alutam inductum, parti dolenti admoveatur.

PAPAV. ALBUS.

No. 146.

℞ Syr. Papav. alb.
Conserv. Cynosbat.
Ol. Amygdal. utriusq. unc. i.
Acid. vitriolic. dilut. dr. i. M.

Sit Linctus; cujus cochleare minimum sæpius in die paulatim delingatur.

No. 147.

℞ Extract. Papav. alb. gr. iii.
Pulver. antimonial. gr. ii.
Fiat Pilula, nocte capienda.

No. 148.

℞ Papav. alb. exsiccat. unc. ii.
Aq. fervent. libr. ifs.

Coque ad mollitiam, exprime et cola. Liquori colato adde Farinæ Lini quantum satis sit, ut fiat Cataplasma; vel, omissa Farina, pro fomento adhibeatur.

PAREIRA BRAVA.

No. 149.

℞ Pareir. brav. incis.
Glycyrrh. Radic. incis. utriusq. unc. i.
Aq. fervent. libr. iii.

Decoque ad libram unam et cola.

Hauriatur cyathum amplum, quarta quaque hora.

PIX LIQUIDA.

No. 150.

℞ Pic. liquid. unc. iv.

Calcis, unc. vi.

Aq. fervent, libr. iii.

Decoque ad dimidiam, et, post subsidentiam, liquorem
supernatantem cola. Sit pro Lotione capiti.

PLUMBUM.

No. 151.

℞ Cerufs. acetat. in pulv. trit. gr. xviii.

Pulver. Tragacanth. comp. dr. ii.

Conterantur, et in portiones sex pares dividantur.

Detur una, hora sexta matutina, et nona vespertina, ex
Seri Lactis cyatho.

No. 152.

℞ Aq. Litharg. acetat.

Tinct. Opii, singul. dr. i.

Aq. Rosæ, unc. viii. M.

Sit Lotio, tepida adhibenda.

QUASSIA.

No. 153.

℞ Quafs. ras. dr. fs.

Aurant. Hispal. Cort. dr. i.

Aq. fervent. lib. i.

Stent, in vase operto, per horæ spatium et cola.

Infusi colati fumantur cochlearia tria vel quatuor, bis
quotidie.

RAPHANUS RUSTICANUS.

VIDE SINAPI.

RHABARBARUM.

No. 154.

℞ Rhabarb. in pulv. trit.
Magnes. ust. utriusq. dr. ii.
Cinnamon. Cortic. contus. dr. i.
Aq. fervent. unc. x.

Magnesia et Rhabarbaro prius ritè contritis, in vase idoneo macera et liquorem cola; dein adde,

Tinct. Aurant. Cortic. unc. i.

Sumantur cochlearia tria, hora ante prandium, quotidie.

No. 155.

℞ Rhabarb. Pulv. gr. viii.
Colomb. Pulv. gr. x.
Pulver. aromatic. gr. iii. M.

Sit Pulvis, vel, Syrupo Aurantii Corticis addito, Bolus, mane nocteque fumendus, ex poculo Aquæ Selteranæ.

No. 156.

℞ Rhabarb. in pulver. trit. dr. fs.
Sapon, dr. i.

Syr. Zingiber. q. f. ut fiat massa pilularis. Dividatur in Pilulas viginti; quarum fumantur tres vel quatuor, bis de die.

No. 157.

℞ Rhabarb. in pulv. trit. gr. xv.
 Ipecac. Pulv. gr. ii.
 Conf. opiat. scrup. i.
 Fiat Bolus, singulis noctibus sumendus.

No. 158.

℞ Tinct. Rhabarb.
 — Aurant. Cort. singul. unc. i.
 Vin. Ferri, unc. ii. M.
 Capiat cochleare unum amplum bis quotidie.

R I C I N U S.

No. 159.

℞ Ol. e Semin. Ricin.
 Vitell. Ovi. recent. singul. unc. fs.
 His rite terendo subactis, adde paulatim,
 Aq. Cinnam. vel
 Menth. Piperit. unc. ifs. ut fiat Haustus quam-
 primum sumendus.

R O S A R U B R A.

No. 160.

℞ Conf. Rosæ rub. unc. ii.
 Acid. vitriol. dilut. dr. ii.
 Conterantur ut fiat Electuarium; cujus cochleare
 minimum unum detur ter indies.

S A B I N A.

No. 161.

℞ Sabin. exsicc. in pulv. trit.
 Ærug. præp. singul. unc. fs.
 Misce ut fiat Pulvis escharoticus.

SAGAPENUM.

No. 162.

Rx Lact. Sagapen. dr. x.
 Spir. Ammon. comp.
 — Lavend. comp. ana gutt. xxx. M.
 Sit Haustus, ter quotidie fumendus.

SAL AMMONIACUS.

Vide AMMONIA.

SANGUIS DRACONIS.

No. 163.

Rx Sang. Dracon. in pulv. trit. gr. x.
 Pulv. Cretæ comp. cum Opio, scrup. i.
 Syr. Zingib. q. s. ut fiat Bolus.
 Sumatur ter indies ex Decocto Cornu Cervi.

S A P O.

No. 164.

Rx Sapon. dr. ii.
 Ol. essent. Caryoph. arom. gutt. ii.
 Fiant Pilulæ viginti, quarum fumantur quatuor bis in
 die.

No. 165.

Rx Linim. Sapon. unc. ifs.
 Tinct. Canth. unc. fs. M.
 Sit Linimentum, quo partes adfectæ perfricandæ sunt.

No. 166.

Rx Sapon. dr. ifs.
 Seri Lact. recent. unc. ii.
 Mellis, dr. ii.
 Conterantur ut fiat Clyfma intestinale, pro infanti.

SCAMMONIUM.

No. 167.

Rx Pulv. Scammon. cum Calomel. gr. xii.
—— Tragacanth. comp. gr. x. M.
Sit Pulvis, pro puero qui decem annos habet.

No. 168.

Rx Scammon. in pulv. trit. scrup. i.
Tartar. Crystal. Pulv. dr. fs.
Ol. essent. Cinnam. gutt. i.
Sacch. purif. Pulv. unc. fs.
Aq. Rosæ, q. s. ut fiant Trochisci, singul. scrup. i.
Unum vel alterum pro necessitate deglutiat.

SCILLA.

No. 169.

Rx Scill. recens exsiccat. Pulv. gr. iv.
Tartar. Crystal. Pulv. scrup. i. M.
Sit Pulvis, nocte maneque fumendus ex Seri Lactis
poculo.

No. 170.

Rx Conserv. Scillæ, dr. fs.
Calomelan. gr. ii.
Opii purif. gr. fs.
Fiat Bolus, omni nocte per hebdomadam fumendus.

No. 171.

Tinct. Scillæ.
Dosis a guttis viginti usque ad sexaginta.
Vide No. 22. 23.

S E N E K A.

No. 172.

R Senek. Rad. contus. unc. i.
Aq. fervent. lib. i.

Decoque ad dimidiam et cola; dein adde,
Spir. Piment. unc. i. et
Syr. simpl. unc. fs.

Dentur cochlearia tria ter quotidie.

S E N N A.

No. 173.

R Infus. Sennæ simpl. unc. v.
Kali tartar. unc. i.
Antim. tartar. Pulv. gr. ii.
Solve ut fiat Mist. cathart.

Sumantur cochlearia quatuor, quolibet trihorio, donec
venter rite solutus fuerit.

No. 174.

R Infus. Tamarind. cum Senna, (Ph. Ed.) unc. ifs.
Tinct. Sennæ, unc. fs M. ut fiat
Haustus purgans pro dosi.

No. 175.

Elect. Sennæ.

Dosis cochleare minimum unum vel alterum pro re nata.

No. 176.

Tinct. Sennæ.

Dosis ab uncia dimidia ad uncias duas usque.

SERPENTARIA.

No. 177.

- ℞ Serpent. Virgin. contus.
Contrayerv. contus. ana dr. iii.
Aq. fervent. unc. xiv. Macera et liquorem cola,
cui adde,
Tinct. Serpent. unc. i. et
Syr. Simpl. unc. fs.
Dentur cochlearia tria, sexta quaque hora.
Vide No. 66.

SIMAROUBA.

No. 178.

- ℞ Simaroub. contus. dr. ii.
Aq. distill. lib. ii.
Decoque ad dimidiam et cola; tum adde,
Tinct. Cinnam. unc. i. ut fiat Mist. astringens.
Capiat cochlearia quatuor ter indies.

S I N A P I.

No. 179.

- ℞ Sinap. Semin. contus.
Raphan. rust. incis. ana dr. vi.
Aq. fervent. lib. i.
Macera in vase operto et liquorem cola, cui addantur,
Spir. Pimento, unc. ii.
Sumantur uncix duæ bis terve indies.

No. 180.

- ℞ Cataplas. Sinap. quant. fat. fit.
Admoveatur plantis pedum, donec rubeant.

SPERMA CETI.

No. 181.

℞ Sperm. Ceti, dr. iii.

Vitell. Ovi unius.

Bene terantur simul; tum paulatim addantur,

Aq. Cinnam.

— distill. singul. unc. iii.

Syr. tolutan. unc. fs, ut fiat

Emulsio, cujus cochlearia quatuor ter quaterve indies
adhibeantur.

SPIGELIA.

No. 182.

℞ Spigel. Radic. unc. fs.

Aq. fervent. lib. i.

Macera et liquori colato adde,

Tinct. Rhabarb. unc. ii.

Hauriantur cochlearia quatuor, bis quotidie.

SPONGIA.

No. 183.

℞ Spong. ust. scrup. i.

Rhabarb. in pulv. trit. gr. v.

Tere simul ut fiat Pulvis, vel Syrupum Zingiberis ad-
dendo fit Bolus, bis de die sumendus.

STANNUM.

No. 184.

℞ Stann. Pulv. dr. i.

Calomelan. gr. i. M. ut fiat Pulvis.

Exceptus Melle bis quotidie sumatur.

SUCCINUM.

No. 185.

- ℞ Spir. Ammon. fuccin. gutt. xx.
Mist. camph. dr. x.
Spir. Lavend. comp. gutt. xxx. M.

Sit Haustus, pro re nata adhibendus.

No. 186.

- ℞ Sal. Succin. purif. gr. v.
Castor. Rufs. in pulv. trit.
Asæ foetid. singul. gr. x.
Syr. simpl. q. s. ut fiat Bolus.
Nebula obvolutus detur, ter indies.

SULPHUR.

No. 187.

- ℞ Sulph. Flor. dr. i.
Kali vitriolat. in pulv. trit. dr. ii.
Elect. Sennæ, unc. i.
Syr. simpl. q. s. ut fiat Electuarium molle, de
quo, singulis noctibus, minutum cochleare sumat.

TARTARUM.

No. 188.

- ℞ Tartar. Crystal. in pulv. trit.
Conf. Cynosb. ana, unc. i.
Syr. Succ. Limon. q. s. ad Electuarium molle
figendum, quod sumatur, partitis portionibus, quotidie
ex Sero Lactis recentis.

TEREBINTHINA.

No. 189.

℞ Rhabarb. in pulv. trit. dr. i.

Terebinth. Chiæ, quant. sat. fit ad Pilulas medi-
ocres fingendas, quarum capiantur quatuor mane et
vesperi.

No. 190.

℞ Ol. Terebinth. rect. gutt. xx.

Farin. Tritici,

Mell. despum. singul. scrup. i.

Conterantur ut fiat Bolus, bis quotidie sumendus, ex
Decocto Hordei.

No. 191.

℞ Terebinth. vulg. unc. fs.

Vitell. Ovi unius,

Decoct. pro Enemat. unc. viii.

Commisceantur secundum artem ut fiat Enema.

U L M U S.

No. 192.

Decoct. Ulmi.

Dosis cyathus bis terve indies.

U V A U R S I.

No. 193.

℞ Uvæ Urfi, dr. iii.

Aq. fervent. lib. i. Macera et cola.

Infusi colati sumantur unciaæ duæ vel tres, ter quotidie.

VALERIANA.

No. 194.

Rx Valerian. fylvest. in pulv. trit. unc. i.

Syr. Aurant. Cort. q. s. ut fiat

Electuarium, cujus detur cochlearium minimum unum
vel alterum, ter indies, ex aliquot unciis Aquæ Pulegii.

No. 195.

Tinct. Valerian. ammon.

Dosis a drachma una ad unciam dimidiam ter quoti-
die, ex quovis vehiculo idoneo.

ZINCUM.

No. 196.

Rx Zinc. calcinat. gr. viii.

Cons. Rosæ rub. q. s.

Fiat Bolus, bis in die sumendus.

No. 197.

Rx Zinc. vitriol. scrup. i.

Aq. tepid. unc. iv. Solve ut sit Haustus emeti-
cus, pro adulto.

No. 198.

Rx Zinc. vitriol. scrup. i.

Cons. Rosæ rub. q. s. ad Pilulas viginti fin-
gendas.

Sumatur una vel altera bis indies.

No. 199.

R Zinc. vitriol. gr. x.
Aq. Rosæ, unc. v. Solve ut fiat Injunctio.
Utatur tepida.

No. 200.

Aq. Zinc. vitriol. cum Camphor.
Sit pro Lotione astringente.

FINIS.