

Practical medicine; illustrated by cases of the most important diseases.

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Presented by
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PITTSBURGH ACADEMY OF MEDICINE
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Immission

PRACTICAL MEDICINE:

ILLUSTRATED BY CASES

OF

THE MOST IMPORTANT DISEASES.

EDITED BY

JOHN M. GALT, M.D.

PITTSBURGH ACADEMY OF MEDICINE

322 North Craig St.,

PITTSBURGH, PA.

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1843.

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CONTENTS.

PART I.

CHAPTER I. —

	PAGE
INTERMITTENT AND REMITTENT FEVER	9

CHAPTER II.

INFLAMMATIONS OF THE PLEURA AND LUNGS	158
---	-----

CHAPTER III.

INFLAMMATION OF THE BRONCHIA	180
--	-----

CHAPTER IV.

COLIC	221
-----------------	-----

CHAPTER V.

DYSENTERY	247
---------------------	-----

CHAPTER VI.

RHEUMATISM	258
----------------------	-----

PART II.

MISCELLANEOUS CASES	263
-------------------------------	-----

17884

P R E F A C E .

THE cases included in the following work were selected from papers left by my father, Alexander D. Galt. Of some of the cases which he attended he was in the habit of taking, at the time of attendance, a detailed account; and this work consists of a selection of these descriptions, together with occasional remarks, either interwoven with these cases or made separately. After studying for several years in Virginia in the office of his father, John M. Galt, a well-known and highly esteemed practitioner in this section of country, he then studied medicine in London four years; whilst there he was a pupil of Sir Astley Cooper. He had an extensive practice in Williamsburg, Virginia, and the neighbouring counties, for about forty years: in this district of country he was as much distinguished for his exalted moral worth as for his great medical skill. He was Surgeon to the State Lunatic Hospital in Williamsburg for many years. Throughout his life, as a physician, his few leisure moments were devoted principally to medical reading.

Descriptions such as these, written amidst the hurry of pressing and continual engagements, and not at all altered from the original draught, should not be considered, as regards the manner of expression, in the same light in which we would consider an ordinary work on Practice; and therefore less accuracy of style is necessarily to be expected. I was doubtful even as to the justice done to the Author, in presenting sketches to the public about which comparatively little mental labour was taken; and from which his mental abilities could not be accurately judged. Indeed, before undertaking this publication many objections which might be urged

occurred to me ; and I had also scruples as to many points. The plan of the work, brought on merely by attendant circumstances, is, as it were, a new experiment ; and from this cause, perhaps, more likely to fail than if it had been written in the usual manner. Another objection, which I am aware may be urged against the papers, is the comparatively long time which some of them have been written, and the progress of science since that period : and I am conscious of their being open in some other points to similar objections. But whatever be the objections capable of being brought forward, and whatever arising from my own feelings, there is one fact which determined me to publish this work, apart from other recommendations which I deem it to possess : this is, that on account of the small number of medical writers in this section of country its diseases have never been particularly described ; as a faithful picture of these diseases, I thought the following papers would be an addition to medical science. Moreover, whatever be its other qualities, a mode of treatment is given which with him was eminently successful.

In the selection of the cases individually, we were guided by their completeness ; for some were nothing more than short notes. As to the diseases, we chose those of which there was the largest number of cases ; for besides getting, thus, a more minute description, the most common diseases have been selected by this mode of choice. Any case not belonging to one of these diseases, if it possessed anything uncommon, we also copied ; original remarks, too, we have included ; so that the work consists of these three classes of subjects. We have made as few changes as possible from the original sketches : for, since this plan has been adopted, we have endeavoured to adhere as nearly as possible to so unpretending a form. Indeed, no alteration of any consequence has been made. Those which were made, are the following : we have arranged what was before loose and scattered, under distinct heads ; we have adopted a form applied to each case, and we have made, in so doing, some change of position in dates and the names of diseases ; and in some cases we have used a different denomination from that given originally ; but even when this was done we have given the original name at the end of the case : we have also sometimes substituted later terms for some of the old medical abbreviations, and the old names of some of the medicines. Although persons of various occupations were attended, yet, for the sake of uniformity, we have applied the

simple term Mr. to all cases falling naturally under it ; though the individual might happen to be of some occupation possessing a peculiar title, and so found in the original. All these are, of course, trifling changes.

The Doctor Smith mentioned in some of the cases is Dr. John Augustine Smith, President of the College of Physicians and Surgeons of the City of New York ; and formerly President of William and Mary College, Virginia.

JOHN M. GALT.

Williamsburg, Va. }
August, 1843. }

PRACTICAL MEDICINE,

ETC., ETC.

CHAPTER I.

INTERMITTENT AND REMITTENT FEVER.

1812. NOVEMBER. The fevers of this summer and fall were as usual of the tertian type; they generally yielded to puking, purging, and the bark. Sinapisms to the wrists and pit of the stomach were found necessary in the excessive puking which attended the commencement of the fever. The lancet was seldom necessary, unless the head was particularly affected in adults. The convulsions of children were generally relieved by a dose of calomel. I saw no instance of them in the delirium of the fever. I do not recollect that I gave any opium in these cases.

Of nineteen persons of which Mr. ——'s family was composed, not one escaped. Mrs. —— preserved the whole of her family from the attack of the prevailing epidemic, by giving them daily cremor tartar and magnesia. Both of these families came from Norfolk, to avoid the ravages of the British. The latter affords a convincing proof that, by keeping an open state of bowels, the contagious matter is discharged with the alvine excretions. The lodgement of the magnesia in the stomach produces costiveness like some poisons, as opium. The last of Mr. ——'s family that was taken, was a child about six years old. It assumed a typhous form in a few days. She was in a state of stupor, and would frequently scream out. Her face was somewhat flushed. I gave her but little medicine. Six grains of calomel and a blister relieved the head. There were several maculæ on different parts of the body; one on each of the nates, which was of so deep a colour as to alarm the mother. I ordered a diet of fruit. The discharge from the blister continued some days, and seemed to keep down the fever.

CASE. Mrs. —, October 12th, after having three or four fits of a tertian, was cured by taking forty grains of P. cath. com. — Jal. Rhei. and Kali vitr. (Sulphate of potash). The next day, on which the ague should have appeared, she broke out all over with the urticaria. This eruption coming on after the primæ viæ had been so well cleansed by the purge, which operated very violently and copiously, seemed somewhat mysterious, as the cause of this rash has been previously supposed to reside in those passages. It appeared evidently critical. 1818.

CASE. Mrs. —, Oct. 16th, in the last month of pregnancy, was cured, after taking the bark, of a tertian ague, by wearing cataplasms of mustard and cayenne pepper on each wrist, for two hours and three-quarters before the expected ague. 1818.

CASE. Mrs. —, May 7th. She has laboured under fever of the remittent type for seven days, attended with headache and sick stomach; pains in the limbs. The fever rises every other evening, and continues all night with vigilance, nausea, pains in the limbs, headache; and continues with slight remissions till the next evening. It then remits considerably, and almost intermits the next morning; but comes on by breakfast-time moderately, and exacerbates in the evening. She sleeps well on the nights of the remission, and loses her headache, muscular pains, and sick stomach. I saw her first on the fifth day of the fever. Dr. Smith gave her some calomel in the morning, and jalap and cremor tartar some hours after. On the sixth day the same medicines were repeated, and cremor tartar drink after their operation; she was well purged by them. Yesterday, the seventh day, Sod. phos. ζ i. in a pint of water, divided into four draughts, was taken every two hours, with a little purgative effect — operating four times, after the third dose: being the first night, that is, the night for the remission of fever, she slept well, and lost her pains in the morning. By-the-by, the only remaining pain was over the right eye; of whose bilious origin Dr. Smith was very doubtful, supposing, perhaps, it might be nervous. However, I was satisfied it was from some affection of stomach, and he gave the phosphate of soda.

8th. To-day, the ninth of the fever, it appeared, about 8 o'clock, to be rising slightly; and I recommended the repetition of the phosphate of soda. By 10 o'clock the face was much flushed. She complained of giddiness; her spirits were depressed; she wept; pulse rather small, feeble, and not very frequent.

Evening. The whole of the phosphate of soda has been taken; it has operated much better than yesterday, and brought away more bile than anything that she has taken. The fever was quite low when Dr. Smith saw her, perhaps about half-past four; it had risen by 7 o'clock — perhaps it began to rise at five; I should have supposed earlier, but Mr. —, who is very attentive to her feelings, supposed not. She has no very disagreeable feelings yet;

the pulse is soft and somewhat frequent; no nausea or the other accompaniments.

9th. Rested well, without sick stomach or other complaint. Pulse but very little quickened this morning, soft; drank two cups of tea — the first time since her indisposition; her countenance somewhat suffused with bile. Dr. Smith gave her calomel gr. ij. at half-past ten. Directed, if it did not operate well in five hours, to give the solution of salts every two hours.

Evening. The calomel had not operated at 4 o'clock: we gave the solution. In a very short time she had a very copious, dark-brown, bilious discharge. She was excessively weak, when she took the last dose of phosphate of soda. After the evacuation she was better, and wished for a cup of tea. The fever rose this morning at 5 o'clock. She was at seven so weak that Dr. S. and Mr. — seemed alarmed. However, Dr. S. gave another dose of the phosphate, and directed it to be repeated till passages were procured. The Dr. observed, if he could stop the fever, he should not mind the debility — wine would cure that. Directed, if she should sink in the night, to give her some, and approved of the application of sinapisms to the wrist and ankles; she appears so depressed, that she can scarcely speak; she has taken no bread since she was sick — has lived chiefly on oranges; she has taken them freely to-day, and strawberries likewise. Toast and water is her usual drink, she has drunk gruel yesterday and the day before, merely to assist the purgative medicine: other than this, except her tea, she has taken no nourishment since her confinement. The fever is becoming irregular: she ought this evening to have been better. The exacerbations are now morning and evening.

10th. Looks more cheerful this morning; skin still yellow; she had two passages in the night, and one this morning; fever declined shortly after I left her (just at seven), and came on about one or two in the night. Pulse more active — rather fuller in the left than right wrist, though the left arm was taken from the bed-covering, the other had been a little exposed; she wears a blanket over her bed-quilt; she complains of no pain this morning, nor did she yesterday; tongue cleaner than I have ever seen it. Dr. S. and myself agreed that she could not take tonics. I proposed cremor tartar and magnesia: he thought, as the calomel had produced such decided good effects yesterday afternoon, from the highly coloured bilious discharges, that it would be better to repeat it this morning. He therefore made her a pill of two grains, and gave it immediately in a tea-spoonful of preserved raspberries: it was given at 7 o'clock. The Dr. visited her earlier than usual: he seemed somewhat alarmed last evening, and asked if I saw anything alarming. I observed that debility might kill her. It seems that her debility must have arisen from suffocated excitement; or excitement, if I may be allowed the expression, in a latent form, which was made sensible by evacuations. The passage which she had this morning was natural, and Mr. —

thinks it was not excited by any medicine ; she began to mend from it.

2 o'clock, P.M. She took a dose of the solution at twelve, which did not operate, and was repeated at two. Dr. Smith supposed the calomel would have a better effect, by lying long in the stomach. There was five hours' interval between taking the calomel and the first dose of the salts. Skin softer ; pulse soft and very little quickened ; face less yellow and more cheerful ; she can speak louder.

Evening, 8 o'clock. Fever risen ; much stronger ; speaks with a much stronger voice ; pulse continues soft ; no appetite yet, and eats oranges ; has had two evacuations, first very copious ; both like the first discharge yesterday from the calomel ; pulse rose probably from evacuations. Took the fourth dose of salts at 8 o'clock ; \mathfrak{z} ij. in each as usual.

11th. Rested pretty well ; had a most disagreeable taste in the mouth all night ; medicine operated in the night, and just now, 7 o'clock — bilious discharges all ; skin a few shades lighter ; still, stronger ; no perspiration yet ; tongue very foul ; pulse very quick. Gave two grains of calomel in preserves, without forming a pill with bread as before ; and directed, if it did not operate by twelve, to give salts.

Evening, at 7 o'clock. Has taken three doses of salts ; only two evacuations. Directed another dose, if the last should not effect discharges. Cheerful ; has experienced some moisture on different parts of the body to-day, and feels her gums touched with mercury very slightly ; fever this evening low ; pulse a little quick, but soft and somewhat full. Her face appears to have lost its redness, which it had this morning ; has no appetite yet ; supposes in the morning that she may eat a little dry toast with tea.

12th. The fourth dose of the S. phos. operated in the night ; she rested ; skin of agreeable temperature during the night ; she has experienced no thirst for the two last nights ; no appetite yet ; eats strawberries and oranges ; countenance still clearer, and not even her habitual redness ; pulse temperate ; mouth now sore ; feels a ridge in the roof of the mouth, and a little sore throat. I directed her to take the salts without promising her usual dose of calomel ; tongue very foul ; covered with a brownish deposit or sordes. Perhaps her fever may now be mercurial : should it show less disposition to remit, or, in other words, become uniform, we may conclude that it is so. Dr. Smith says that he smelt the mercurial fetor of the breath ; and that the bilious fever returns sometimes, after the mercurial fever ceases. Does not think it necessary to give anything further.

Evening. Mercurial fetor I very distinctly smelt, as soon as I approached her ; pulse much the same as this morning. Mr. — said the fever had risen this morning, and this evening likewise. She ate some biscuit this evening, without feeling much soreness about the teeth ; no thirst ; has had two highly bilious discharges ; as

much so as when she took the calomel ; has taken three doses of the salts ; wished to drink coffee in the morning. Advised weak tea, and bread or biscuit.

13th. No evacuation in the night ; fever continued, but she rested pretty well ; complains of her mouth ; pulse quick. She only took $\bar{3}$ ss. of the salts in three cups of gruel yesterday, which gave two evacuations, the last small. Directed $\bar{3}$ ss. in two cups to day ; one every two hours till their full operation.

Evening. After taking three doses of the salts, she had three very high-coloured, bilious discharges : she then took another dose, and had five more, which appeared to be merely the washing of the bowels ; they diminished in quantity as the number increased ; the last that I saw was scarcely tinged with bile ; it was composed of water, a precipitate of intestinal mucus, and strawberry-seed ; indeed the last three were of this description. She was seized with puking before the last two, after drinking water, and her face became flushed from the retching, and continued so for one hour ; pulse good ; fever has not abated to-day. Dr. Smith thought it was a return of the remittent ; I differed from him. Mr. — applied a mustard poultice to the epigastrium, and relieved the nausea ; she has not relished the strawberries as usual all day, though she continued to eat them. The poultice was removed, after it had remained on one hour, and a blister was applied from the right to the left hypochondrium, across the pit of the stomach. She took for drink toast and water ; complained this evening still of sore throat ; she has been excessively thirsty ; spirits much depressed.

14th. Blister drew ; fever continued ; pain in the abdomen below the umbilicus in the left side, with great flatulence of bowels. Three glysters ; two doses of Sod. phos. in Theæ cham. et zingib. Three evacuations by 11 o'clock ; first two without bile, but tinged evidently with fresh bile. Mustard poultice applied to the pain ; got easy. Left her asleep, after taking one drop of oil of peppermint in sugar and water. The sinapism remained on one hour ; mercurial fetor still strong.

Evening. Fever rose just after dinner, as Mrs. — observed from her secretions. Just after 4 o'clock I found the pulse much elevated, full, round ; she had had three or four highly bilious passages since 11 o'clock ; she had one evacuation an hour after I visited her, which was lighter and smaller. Mr. — said *she felt too well*. After this passage, and just before it, I found the fever begin to decline, by a diminution in the size of the pulse. The skin has never been unusually warm throughout the fever ; the blister has given her no pains during the drawing, nor since ; she feels not the smallest pain anywhere this evening ; breath still mercurial, though not so strong. The old fever, from the evident exacerbation this evening, has returned. She has relinquished fruit, and eaten rice milk to-day, and drank balm tea for her thirst. Directed, if the colic pain should return, to apply the sinapism. There was so much wind in the bowels, that the last glyster could

with difficulty be taken this morning. The first dose of S. phos. was given at 7, and the last perhaps at 9 o'clock. Calomel in this case has not discovered its febrifuge virtues; at least anything like permanent efficiency.

Her voice was infinitely more loud and distinct, when she had her eighth evacuation, and the pulse had softened down; that is, when I saw her about two hours since. Whether was it from the evacuations, or the natural remission of the fever? Must not the system have been oppressed during the exacerbation?

15th. Slept well, as she invariably has, through this fever: her countenance more cheerful; skin clear; no evacuation in the night; her pulse is active; tongue very foul; could discover no mercurial fetor this morning — though the gums are still sore; they are naturally tender and scorbutic; no soreness of throat; had taken a cup of tea, and ate a very small biscuit before I saw her. At 8 o'clock, took a teaspoonful of Cheltenham salts, and one of common salt in a cup of ginger and chamomile tea. Directed it to be repeated at 1 o'clock.

Evening. Three doses only operated three times very weakly, producing a few lumps in the first evacuation; the latter passages were not highly coloured: her skin is remarkably clear; her spirits good; no appetite yet; has eaten a little rice milk; fever the same all day; not a very distinct exacerbation as yesterday evening. Dr. Smith directed two grains of calomel to-night, and the infusion of phosphate of soda in chamomile tea to-morrow morning. He sent a pint from home, which he had prepared himself. The blister has produced no inconvenience; has not been dressed to-day: Dr. Smith had it dressed yesterday evening with wax and lard, and a little turpentine, which he supposed would be better than colewort leaves. Mrs. — said that there was some moisture about the feet and neck to-day. Her third passage was not increased by the addition of the common salt to the Cheltenham salts.

16th. The calomel induced much spitting during the night from the slight nausea; did not operate; pulse *flirting* and quick; drank a cup of tea, with a view to promote the operation of the calomel, but without effect. She then took the solution of Sod. phos. in the Cham. She has had no good passage since the day before yesterday. Mr. — thought the fever nearly off in the night.

Evening. Her discharges to-day have been very bilious; her appetite better. There was a rise of fever about 3 o'clock, Mr. — supposes. At half-past 7, or at 8 o'clock this evening, the fever appeared to be low, and it is probable that it will be off to-night. I directed that she should eat some rice and milk in the night, if that should be the case. From Mrs. —'s account, I am mistaken, in the beginning of this report, in saying that the fever commenced on the 1st of May. On the 1st, she felt unwell from taking off flannel, which Dr. Smith attributed to cold, and recommended a dose of calomel. On the second, she felt quite well, though she kept her room; on the third, she was taken down with

the fever, and has not risen since. The blister has healed ; it drew badly.

17th. The tongue this morning has a more healthy appearance than usual ; it is covered with a slight white film, from the middle to the root ; and the end of the tongue looks as if the film had separated from its surface ; it has no denuded appearance : did not sleep so well last night ; felt more "oppressed by her weakness ; she could hardly have power to reach out for her food in the night." Pulse this morning quicker and rather tense. Directed phosphate of soda to be repeated in the usual way. Countenance more healthy than when in health ; she has lost her carbuncles : this morning appears much stronger ; she sat up in bed and spoke with a louder voice than usual, although she complained of being so weak in the night ; she says she felt in the first of the fever unusually strong, more so than in health ; or at least as much so.

Evening. Exacerbation as usual at 2 or 3 o'clock. About 4 o'clock she had a thin, watery, crude, bilious passage, after taking three doses of the phosphate of soda in chamomile tea ; she complained before the passage, of pain in the knees ; it was diminished by the passage, but she had some pain in the outer part of the thighs. There was probably some coldness of feet about 2 o'clock ; tongue the same as this morning ; no thirst to-day ; skin dry.

18th. Menses came down last night : perhaps those pains about the thighs and knees were precursors ; they are so generally : fever subsided in the night and must have arisen again. This morning after breakfast pulse discovers considerable activity, with some fulness and tension ; no flushing of face as yesterday. Eat breakfast before I saw her this morning, with more natural appetite ; had two small passages after I saw her yesterday evening ; tongue rather drier to-day ; the appearance otherwise the same ; sitting up in bed as yesterday. Phosphate of soda being out, directed two drachms of Cheltenham salts in ginger and chamomile tea every two hours till it operated. The menses ought not to have appeared till Monday, — this is Thursday ; feels no pain this morning.

Evening. The fever was considerably increased, after I came from Mr. —'s this morning. Three doses of the medicine were given ; they operated three times, the first evacuation was highly bilious, the other less so. The fever this evening, at five, perhaps not quite so low as yesterday or the day before. Dr. Smith thinks this fever is probably connected with difficult menstruation. Face smooth, and still free from *gutta rosacea*, with which she has been long affected when in her usual health. Whether the purgative plan has removed it for the present by unloading the liver, with whose derangement this disease has been generally supposed to be associated, or whether the blood, by having been more equally distributed during the fever, may have produced its evanescence, cannot be easily determined.

Calomel has frequently been considered to increase the bilious

secretion, more than any other medicinal agent ; but the purgatives which have been given in the case before us, seem to have operated in this respect with equal activity.

19th. She had a rise of fever in the night, with sick stomach, which was troublesome, although it did not amount to retching. At seven this morning pulse rather more weak than usual, and with less quickness ; right cheek flushed ; giddiness of head. She had breakfasted by 6 o'clock, but did not eat with appetite. Tongue looks cleaner than it has been before, though not moist ; the film has nearly separated ; it is white, perhaps furred. Cap. statim calomel. gr. ij. The blister has dried.

Evening. The calomel has not operated ; giddiness from sitting up in bed ; as strong as she has been since her confinement ; has eaten nothing to-day but a small bit of bread for breakfast ; no thirst ; thinks she feels some fulness of stomach. Received phosphate of soda from Richmond : recommended a dose at bed-time. Dr. Smith observed it would not be amiss to repeat it, as there would be a rise of fever in the night : but we agreed to give her a larger dose than usual, and to repeat it in the morning if necessary. The fever this evening is low in course ; the pulse, though, is stronger, not quick ; her voice is much stronger ; no moisture on the surface ; her countenance has assumed in some measure its habitual glow, with a very slight tint of yellow on the tunica conjunctiva. She had a small evacuation this morning before she took the calomel.

20th. Had to take another dose of phosphate of soda this morning very early ; produced three passages, less bilious than what might have been expected from the calomel. Rosy drop more apparent ; pulse softer than yesterday morning ; tongue much the same ; should not be surprised, if the surface of the skin should be moist in the course of the day ; eat some toast and tea for breakfast.

Evening. She had a passage just after dinner, of a lighter colour ; the rise of fever has been slight to-day. At half-past seven this evening, although the skin was rather warm, the pulse was slower than I had felt it before. Dr. Smith saw her this morning, and prescribed salts for her as long as the fever lasted, as there was a probability of the fever rising, and getting to its height late in the night. I recommended a dose of salts between that time and the morning. She has eaten rice and milk to-day more than formerly ; for several days, she has only eaten a little bread, and drunk a little tea ; she has had no fruit of any kind : oranges, of which she has been fond, she has not been able to procure for a week. She is, notwithstanding, much stronger, and for the first time has sat up in her chair this evening. The rosy drop was very vivid, by the faint light of the late hour at which I visited her.

21st. She had scarcely any fever during the night ; took her salts early, and they did not operate ; Mr. — was to repeat them every two hours as usual ; her face shows still more her

habitual eruption; she had no thirst during the night; no perspiration yet; the fever rose this morning; skin hot and dry at 9 o'clock.

Evening. Face less pimpled and red; some slight oppression of stomach; thought I was sensible of some mercurial fetor; fever higher to-day than usual; but at seven declined as much as yesterday evening; salts operated two or three times; not bilious; sat up this morning; less appetite than yesterday. From the fever's declining, suppose I was deceived about the mercurial action. Probably the change of the weather might have produced rather more excitement; wind south-west to-day; northerly, for some days past and very cold. Tongue, from the faint light in which I saw it, looked more foul; appeared to be covered with a yellowish sordes. Dr. S. proposed she should take a dose of calomel to-night. I recommended postponement till the morning, if the fever should be unusually high. I wished to get rid of the calomel, and all medicines as soon as I could, and let the constitution act a little. Mr. — was impressed with the idea that the fever rose from the want of more calomel; that the last dose had exhausted itself.

22d. Thinks this morning that her teeth are sore; slept well; pulse quiet; tongue foul; had eaten breakfast. Gave two grains of calomel. Oppression went off in the night.

Evening. The fever to-day has been low; two doses of the P. soda carried the calomel through twice; she has felt some appetite; the pulse to-night, nearly natural; some slight mercurial fetor of breath; face, by a very faint light, did not appear to have as many pimples, or as much redness. What could have given rise to the fever of yesterday, and the oppressed state of the stomach? Could it be the first action of the mercury, induced by the action of the saline aperients, like antimony and venesection; reducing the tone at first of the bloodvessels, and, after absorption, increasing it for a short time? The skin is still dry, and the temperature increased; she looks, I think, more reduced than usual.

23d. Did not rest quite as well as the night before the last, owing to the disagreeable taste of the mouth; tongue foul; ate with great appetite this morning, and drank two cups of tea. No mercurial smell this morning; pulse less excited than for several mornings; some moisture about the neck, hands, and feet. Took a dose of Inf. cham. and P. soda at 9 o'clock; I observed the face was reddened after it. *Should the fever come on to-morrow or next day with the mercurial fetor, we may suppose that it must arise from the impression of the dose of calomel, taken yesterday morning.*

Evening. Took two doses of the P. soda; had one passage; scarcely any fever to-day; skin has been moist, not so now; pulse nearly as slow as natural, but rather full; has eaten bread and milk; feels a good appetite; face now covered with red pimples; cheerful.

24th. No fever last night; appetite not quite so good this

morning ; face pale ; pimples without redness of face ; pulse nearly natural, perhaps full ; tongue foul, yellow ; very bad taste ; teeth a little sore ; this day the mercurial impression was looked for. Sod. phos., Inf. cham. Complained of some little pain in thighs and knees ; she supposed from sitting up this morning ; they subside on going to bed.

25th. The fever rose about ten yesterday morning, and declined about four ; was pretty clear in the evening, and had a good night, except being somewhat incommoded by ill taste. There is a small crop of the habitual eruption this morning on the chin, and three or four pimples on each side of the face, very distinct, but not accompanied with efflorescence ; tongue still foul ; not so much so, but more moist than for some time ; she ate her breakfast with some appetite. Directed the milk to be diluted, with one-third water, and boiled, and kept cool. Eyes scarcely perceptibly yellow ; skin soft ; moisture about the back of the neck ; yesterday morning, skin dry. Took three doses of the salts yesterday, before they operated ; they gave two or three passages. Omitted the salts and chamomile this morning, as the fever was very low ; sitting up. The first appearance of this habitual rosaceous eruption ensued after a fever some years since.

Evening. Pulse still more natural, with less quickness, and less fulness. Dr. Smith supposes, that the fever may have assumed somewhat of a quartan type, and that it has not supervened from any mercurial impression. I was anxious to omit the bitters and laxative altogether, to-day and even to-morrow morning, being desirous to await the operation of the natural efforts of the stomach and intestines ; but the Dr. advised the repetition of the Sod. p. and Inf. cham. to-night ; and as I supposed, that it might probably obviate the disagreeable taste in the mouth, and the increase of the fever to-morrow, I did not object to it.

26th. But for the dreadful taste, she would have rested well ; it would awake her frequently from a doze. The fever last night was very slight. Took the salts at bedtime, and another dose after breakfast this morning ; she was to repeat the dose if necessary ; those salts are extremely slow ; tongue much as yesterday morning ; pulse a little quickened ; ate with good appetite this morning ; her tea is always agreeable ; she takes no tea in the evening. *If she has no fever to-morrow morning, Dr. Smith's notion will not hold good.* She had it on the 21st and the 24th in the morning.

Evening. She took three doses of the salts which operated well ; had some little fever this afternoon, perhaps from eating. I left her at half-past 8 o'clock. The pulse was full, slow, distinct ; she was cheerful ; felt her gums much sorer this evening, though she did not complain of any soreness to me, when I paid my morning visit.

27th. Rested well. No fever this morning ; tongue foul ; had still bad taste in the night ; appetite good ; *gutta rosacea* more

vivid than I have seen it; feels no oppression or fulness of stomach. I objected to the use of any medicine to-day. If she escapes 10 o'clock, the doctrine of its being quartan falls to the ground; and the idea that it might heretofore arise from mercurial impression on the system may not be unfounded.

Evening. No rise of fever to-day; appetite unusually good; was not up as much as yesterday; so cold to-day as to render a fire during the whole day very comfortable. Last night two blankets were scarcely enough. Takes a dose of P. soda in Cham. tea at bedtime, and repeats the dose in the morning.

28th. Saw Dr. Smith, who had just visited Mrs. —: says that her fever has not disappeared, and he ordered the salts to be continued. There is, he observes, still some spring about the pulse.

Mrs. — took her S. phos. in Inf. cham. *before breakfast*: this with the last night's dose operated well. Her appetite for breakfast was not so good as usual, but since she has eaten heartily of milk and strawberries; fever very low, if any; pulse more natural than before observed, infinitely less full.

29th. From eating too many strawberries not ripened from the coldness of the season, she felt so much oppressed about the heart, and sickness of the stomach in the night, that she was compelled to take a dose of the P. soda: it has operated this morning, and she feels better. Face with a sufficient quantity of the eruption. Directed, unless she felt perfectly easy about the stomach and bowels, to take at noon another dose of the salts. Rather more feverish this morning; tongue has never been natural; it is rather dry and foul.

Evening. Fever to-day; some remains this evening; stomach not right. Rep. Sul. phos.

30th. Accession of fever this morning at 7 o'clock; missed it on Saturday the 27th, when she should have had it at 10 o'clock: so it has been anticipated. Slept well; and the salts operated well, which she took late in the night. This is the most distinct fever which she has had; the sick stomach ushering it in was more distinct. Dr. Smith proposes the arsenic as being the best remedy — it exerting its febrifuge virtues without much stimulation.

Evening. The fever declined rapidly this morning; I saw her late this evening. She had been very moist; her hands were then soft; she had eaten little; her medicine gave her one bilious passage early in the morning: as it acted in so limited a way, directed it to be repeated in the night.

31st. Her salts only operated slightly. Began with the arsenic; has taken three doses; thought she felt a slight griping; will take another before bed-time; she had taken two doses before I saw her; she had but little fever; has eaten heartily to-day of her light food.

June 1st. She had pain of colic in the left flank last night ; took a dose of salts ; I saw her at seven ; they had not operated ; her fever is considerable this morning ; advised another dose. The regular fever should have been postponed till to-morrow morning. She attributes this colic to some clammy bread, which she ate with tea at 2 o'clock yesterday as her dinner.

Evening. She felt very little appetite to-day, and complains of headache ; fever very much subsided ; eruption still out on the face ; sleep very much broken last night ; such unpleasant dreams and visions, she thinks from the tea. Her face has a livid appearance ; has slept two hours this evening ; took three doses of the P. sod. before it operated ; passage very bilious ; wished to take more salts by Mr. — to-night ; did not approve of it altogether. Begged she would wait till the middle of the night : if she felt any derangement of stomach, to take it.

2d. She rested well. Fever this morning at 11 o'clock gone ; skin soft ; had been perspiring ; took the salts in the night ; had one passage from them this morning ; felt no pain ; no uneasiness anywhere, but a slight weakness of stomach. As the stomach had been in so irritable a state from the bad bread or the arsenic, thought it most prudent to desist from the prescription of Dr. Smith. Directed Inf. marrubium ; ζ iss. 2da quâque horâ.

3d. Some headache last night ; took only three doses of the horehound ; slight colic in the night. Took very early a dose of salts ; repeated them at 11 o'clock. Rise of fever this morning.

Evening. Mr. —, supposing the fever had sufficiently abated this evening, gave a dose of the Inf. horehound. At 6 o'clock I saw her, and thought she still had fever ; the skin was constricted ; the pimples on the face red, and there was considerable effusion on the face ; she had eaten nothing but a piece of bread. Dr. Smith proposed the resumption of the calomel to-night.

4th. Rested well after taking the calomel. Took only one dose of salts, and by 10 o'clock they had operated four times ; she felt sick stomach from the operation of the medicine ; three passages bilious, the fourth paler. Increased action of the pulse continues ; tongue more moist and cleaner. Has taken a cup of tea, and eaten some bread.

Evening. Head feels clearer this evening ; has eaten with more appetite. Mr. — thinks that there has been a rise of fever this evening ; the perspiration is very evident about the neck, and the pulse is not so active as in the morning, but there is still a quickness in the stroke.

5th. Fever still ; tongue very foul ; perspiration about the neck ; pain over the right eye ; did not see her this evening ; she was clearer of fever than usual.

6th. Took the calomel last night, a cup of tea at 4 o'clock this morning, and afterwards salts, which operated well. She is much better, and continues but little feverish ; tongue still foul, and pulse

very slightly quickened. The evacuations this morning, although they were produced by the calomel, were very little bilious. Eats dry bread with an appetite.

7th. On the tongue there is a little, thin, yellowish deposit, through which you may see the red tongue; pulse a little quick; slept well; had a natural passage this morning. There was, she thinks, a little fever yesterday evening.

Evening. Appetite very good; eats bread; for dinner, milk and water and sugar with bread. Pulse still discovers some increased action. Calomel noctè.

8th. The calomel operated once this morning, before the salts were given; the passage was natural; they operated three times afterwards; only slight bilious appearance; pulse soft this evening; skin cool; appetite as good as yesterday.

9th. Appetite very good; febrile action very trifling this morning. She had a little fever in the night.

Evening. Dr. Smith called on me, and said that he had directed the repetition of the calomel.

11th. Did not see her yesterday. Fever this morning at 8 o'clock; skin hot; tongue bilious; appetite good; gums sore; probably the last doses of calomel have induced this fever.

12th. Considerable fever this morning. Directed salts.

13th. Took a dose yesterday, which had no effect. Repeated the Phos. soda in the night; operated well this morning; no appearance of bile; appetite unabated; very little fever to day. Recommended riding out. Eat oranges, bread and molasses, &c.

14th. Fever this morning.

17th. Saw her this evening. Fever; pulse somewhat active; adheres to her moderate diet, bread, milk and water, tea, &c.; no meat. Rode out this morning; felt fatigued. Has had no occasion for salts for several days: advised not to return to the calomel. 1818. Bilious Fever.

CASE. Mr. —, Sept. 11th, has for three days felt pain in his limbs. Yesterday evening he was chilly for several hours, and was obliged to confine himself to bed, and cover with a blanket. During the night, he experienced much headache. His pulse was but slightly accelerated during the evening.

I called on him this morning, and found his tongue covered with thick, yellowish fluid, like bile; he had risen from his bed and walked about. I gave him Jalap, ℥j. and Calomel, gr. vj.; et Theriacæ, ℥ss. This operated well during the day, four times, and completely relieved him from all his pains. No return of chill this evening at 6 o'clock.

12th. Chill this morning about 6 or 7 o'clock, and last evening, which came on after I left him, perhaps about 8 o'clock in the evening. This morning, he has complained of pain in scrob. cordis; nausea, which induces perspiration. At 10 o'clock, P.M., gave Ol. ricini, ℥ss., in chicken-water. Having some inclination to evacuate

during the morning, he drank chicken-water without effect, and I gave him the *Ol. ricini*, to clear out the alimentary canal; pulse more active, than I have felt it; head confused, and somewhat painful. Discharges mucus from the fauces.

Evening. The oil has operated well; complains of great weakness; total loss of appetite; pulse but little accelerated; skin dry, and a little increased in temperature; thinks he has no fever; the heat of the weather increased, though he has borne the heat of his chamber without complaining; all the windows being down, except one; has worn yarn stockings, and flannel next the skin, without being at all too warm. Advised to drink porter and water.

13th. Has taken this morning two doses of bark; the castor oil has operated to-day, he supposes; more probably it has been the effects of the bark. Has drunk a little porter and water; slight return of the fever late this afternoon.

14th. Return of fever this morning at 6 o'clock; puking of bile at seven; great pain in the bowels, inducing the sensation of obstruction, or partition between the upper and lower bowels; and as if the lower bowels were disposed to work downwards, and the upper upwards. Directed, at 9 o'clock, a sinapism, mixed with *Tr. op. camph.* ζ ss. He has experienced no sleep since he was taken; his bowels are open; had a good passage early this morning, in which he discovered the bark taken yesterday; about twelve he got easy, since which he had a passage naturally.

Evening. Has been much relieved this evening, and an universal perspiration. His head is perfectly clear, and his bowels easy; a drink of cold water gives him a passage directly; has eaten nothing to-day, but half-a-dozen spoonfuls of soup; pulse rather full and frequent; tongue moist, with sordes or bilious deposit, but somewhat white. If there be a rise of fever this evening, it will completely constitute a double tertian, and we may expect a remission or intermission to-morrow.

15th. Rested very well last night, for the first time since his attack, being free from fever. This morning ordered the following:—
R. Cort. flav. ζ i.; *Serpentar., F. cham.* ãã . ζ ij.; *Aq. f̄bj.* *Ft. infus. cap.* ζ ij. *2da quâque horâ.* No return of fever, at 7 o'clock this evening.

16th. Had a slight chill at 12 P.M., after having taken two doses of infusion of bark this morning. The infusion purges him. He had escaped a paroxysm forty-eight hours.

17th. Is up, and at his business this morning. *Cort. repetend.*

18th. Up, and feels better than before his attack.

19th. Continues pretty well. Bark continued.

29th. He relapsed; has experienced three or four paroxysms; he looks pale; the ague has assumed a tertian form; he had it this morning. Advised the decoction to be repeated, and to commence with it to-night, as soon as the sweating stage was evident, and to combine with it the *P. cort.*: this to be continued through the night. When the ague has stopped, it would be well to go on

with it in the same concentrated state, giving a dose between breakfast and dinner, two between dinner and tea, and tea and bedtime, to obviate a torpid or quiescent state of the stomach, foregoing a return of the ague.

Oct. 2d. Had a chill yesterday — was scarcely perceptible; the return of fever was indicated more by a little headache. Remittent Fever. 1818.

CASE. A boy, æt. 3. September 15th. His son, a child, took the same medicine (mentioned Sept. 15th of last case), four doses to-day, and stopped the paroxysm of an intermittent, which he has laboured under for twelve days; he had been evacuated by taking two doses of calomel, and three of castor oil.

16th. His chill came on at nine, last night; his fever continued till this evening, with pain in the right hypochondrium and epigastrium; had been costive for two days. Directed a glyster in the morning, which operated moderately, and brought away a healthy-coloured passage; the fever was not off at five this evening. Directed Cal. gr. ij. h. s. An ague came on about 8 o'clock, before the fever left him. The calomel could not be given.

17th. Took his calomel at 6 o'clock this morning. Directed, if it did not work, to give Ol. ricini, ʒij. Mr. — writes to me this afternoon, 3 o'clock, the calomel has operated three times. He has no fever, and the oil has not been given. I prescribed Sandford's bark, ʒss., every two hours, to obviate the return of the paroxysm, and if he could not take it without much begging, to give him sangaree, toddy, or other strong drink. Eat heartily, and had an ague at 12 o'clock at night. Would not take the bark, or strong drink.

18th. This morning the fever was not very high; he had a bilious passage in the night.

Evening. An ague at 8 o'clock this evening; the original form of the fever has returned — double tertian.

19th. Has rode out to-day; bowels costive for two days. Gave him five grains of Vit. kali; had a passage shortly after. He then went on with the Vit. kali and bark united, five and ten grains; five doses before bedtime. His skin cool, but without moisture. Has been playful, and has eaten sufficiently. Has had two or three evacuations.

20th. The ague returned last night at 10 o'clock — one hour later. Fever more moderate, than day before yesterday; rode out at 12 o'clock to-day; eats sweet potatoes and toast pretty heartily; no bark to-day; rested well till the chill came on last night.

Evening. His fever was not off this evening at 3 o'clock; had no return of chill then; pulse full and somewhat quick; skin moderate; head of the same temperature as the rest of the body; no passage since yesterday; had an appetite to-day for gross food; bacon and sop.

21st. No ague last night; the fever, his mother thinks, did not

go fairly off; ate heartily this morning. Directed six grains of Vit. tart. to be given with a dose of bark, \mathfrak{S} ss., every two hours: if it produced evacuations, to omit it, and give the bark plain; there was but little preternatural heat of skin. The pulsations of the carotids were somewhat active; face still pale; rode out at twelve, after a dose of bark.

22d. Missed his fever last night; a passage last evening and one this morning; appeared to be excited by the Kali vitriolat.; only took three doses of bark yesterday; he revolts so much at the bark that we are compelled to discontinue it.

23d. Was taken last night with a puking, from eating too much yesterday; fever this morning.

24th. No return of chill last night; quite cool this morning; went into the country.

25th. He remained two or three days in the country, and returned home recruited.

Oct. 2d. Had an evident chill last night, and, his mother thinks, one also this morning; skin getting moist about the head at 12 o'clock. Direct calomel, gr. iij., to-night; bowels regular; appetite greedy.

3d. The calomel operated copiously once this morning early, and he rode out immediately after breakfast.

4th. He had an ague yesterday about noon: the fever continued all night, and another chill came on this morning, which lasted several hours. At 11 o'clock he was hungry and eat heartily; no passage since the purge, except a very small one yesterday evening. Directed two doses of bark to be given by bedtime, beginning this evening; and one every two hours, beginning early tomorrow morning. To take Kali vitr. gr. v. in each dose, till the bowels are opened. Itching of the skin has been always troublesome; no eruption.

6th. He had his chill last night — none this morning; bowels open; took a dose of bark this evening.

7th. Convalescent.

Nov. 11th. He lingered on till the first week in November. His belly became swelled, and he looked exsanguine; his ears were transparent; his skin sallow. On the 3d of November, he took two grains of calomel noctê; it puked him twice before 1 o'clock, and purged him three times afterwards. The fever came on as usual the next morning, but by drinking toddy of good old rum he is rapidly recovering. Intermittent Fever. 1818.

CASE. Mr. —, Oct. 5th. Pain of hip, knee, foot, without redness, swelling, or inflammation; cold surface; spasms. Cath.: operated once only. Gave cal. gr. v. noctê.

6th. Ol. ric. \mathfrak{z} iss.: two evacuations, once in the morning, once in the evening. Pain got to the foot.

7th. Heat of the affected side returned; pain altogether in the foot; the eyes and tongue, which had been bilious, scarcely tinged

to-day. Calc. magnes., Cr. tart. āā. ℥j. o. 2da quâque horâ. Still some fever; lower in the morning, generally. Produced no passage, till he had an injection at night, which promoted the cathartic operation of the powders three times.

8th. Fever during the night; very much subsided this morning; Ol. ricini. ℥j. Was able to sit up a little yesterday evening.

9th. Had a chilly fit last evening; sweated much in the night; pulse slow this morning, with some force. Solve Cr. tart. ℥j. in Aq. ꝑij. — ad libitum. The castor oil operated twice only; tongue foul, and whitish.

10th. Cremor tartar had no purgative effect; slight fever last night, succeeded by perspiration; tongue still foul. R. Jal. gr. xv.; Cr. tart. ℥ss. Cap. statim.

11th. Chill at 3 o'clock yesterday evening; did not sweat as much last night; the whole limbs again painful; tongue very foul; pulse temperate, and perhaps natural. Cap. Pulv. cort. o. 2da hor.

12th. His limb feels warm; walked across the room yesterday; no ague; took four doses of Sandford's bark; costive this morning. Directed five grains of jalap in each dose, till it operated; little headache; face somewhat flushed, though he had just taken a cup of coffee.

13th. Ague left him; no fever; appetite returned; begins to walk about the room. Convalescent.

14th. Discovered some nodosity about the upper end of the fibula and the outer condyle of the tibia. Directed freer mode of living, and to drink some wine. 1819. Bilious Remittent in disguise.

CASE. Mr. —, Oct. 2d, two months from Ireland; seized with fever.

3d. All night Pil. cal.

4th. In the morning, Ol. ricini. The calomel operated well; also the oil; sick stomach; headache.

5th. Early, fever had declined, and felt an appetite at 2 o'clock. Sick stomach, headache, cough, ineffectual puking, and red eyes came on. R. P. aper. ch. iv. cap. o. 2da hora i ½ gr. Ant. tart.

6th. Powders did not move him; puked the first; complains of his head; oppression about the præcordia; redness of eyes not observable; pulse moderate, not hard; sick stomach still, and cough troublesome. R. Calomel. gr. ix.; Micæ panis, q. s. Ft. pil. iij. cap. omni o. 2da hora donec alveus responderit, et Ol. ricini, ℥i.; post Pil. cal. si non purgat circa hor. 4 P.M.

7th. Intermission this morning; the calomel operated very slightly; did not take the oil; sore throat troublesome this morning; eyes scarcely red; cough still. Cap. Ol. ricini statim coch. 1½.

8th. Oil operated but slightly; had this morning one or two small evacuations; cream of tartar drink to-day; the eyes still

red ; face flushed ; stomach not so sick ; headache still ; intolerance of light.

9th. Rested pretty well ; very little fever this morning ; eyes less red ; cough troublesome, with oppressive feeling about the chest ; pulse very little accelerated ; no sick stomach ; head easier. Cap. Vin. ant. gtt. xxx. 2da quâque horâ, et si vomuerit gtt. xx. Tongue covered with a bilious sordes. Found him this morning before breakfast drinking warm wine-whey, with nutmeg over it ; advised him to desist from its use.

10th. Took two doses of thirty drops, which puked him each time, and operated on the bowels ; had a very restless night from the incessant cough. This morning, skin hot and dry ; pulse not much quicker than natural ; great oppression about the sternum ; no expectoration ; drank three cups of breakfast tea with an appetite ; head free from pain ; eye not the least red. Cremor tartar drink during the day. Emp. vesic. applic. ad pector.

11th. Slight delirium ; cough better ; slept well last night. Disposed to doze this morning ; face flushed this morning ; yesterday pale ; pulse weak ; blister drew well ; tongue blackish ; ordered no medicine this morning ; complains of pains in his feet ; they are cold about the toes, and have been all day. At two P.M. R. Cr. tart., Magnes. aa. ʒij. M. et div. in ch. vi. His face was flushed, and he retched to puke ; bowels have been costive two days.

12th. The powders, after the whole was taken, produced several evacuations, with very great relief ; he took a dose every hour, instead of every two hours. This morning, as usual, there is a remission of fever ; head clear ; skin dry ; pulse weak, and rather indistinct or irregular ; perhaps not quicker than natural ; no desire for acid drinks this morning, although the tongue is still black ; still hoarse ; cough but little troublesome ; the purgative medicine, except the first doses, which were given by his brother, have never been attended with free evacuations, nor have they afforded the relief experienced by the powders. The pains about the feet were chiefly confined to the ankle-joints ; he could not bear them to rest on each other ; the cough seems somewhat looser ; head distinct ; fever rose at 12 o'clock ; drink, still cremor tartar water, sweetened with brown sugar. Directed roasted apples for his food.

13th. Fever continues ; costive again ; expectoration more free ; blister seems running.

14th. Powders operated well ; delirium during the night ; this morning, had his blister dressed, and fell into a pleasant sleep, and awoke in a gentle sweat, which I have not observed for several days ; since, perhaps, the nausea and puking left him ; no oppression about the sternum ; coughs little ; expectoration free ; pains in the legs still ; drink, lemonade ; pulse soft ; no medicine to-day ; tongue black.

15th. Fever this morning; suppose it rose last night; slept to-day; cough less; blister nearly dried; face flushed; hoarseness still; intellect not perfectly distinct; no passage since night before last. P. aper. gr. vi. Cap. ut antea.

16th. He was quite delirious last night, and the family supposed that he had the rattles; he would take no drink; he took only four doses of the powders, and had no passage; very late, he got to sleep, and perspired profusely. This morning he awoke, and asked for the chicken soup, which he wished in his fever of yesterday evening; they gave him wine-whey; he is now asleep; breathes very easy; he has expectorated very freely; and part of the blistered surface has again begun to run freely: appears to have little fever; no evacuation since the 13th in the night.

Evening. Saw him about 4 o'clock this evening; skin was then moist. He has eaten chicken-soup, which he relished much. Directed it to be given every hour or two. Has appeared nearly free from fever to-day; anxious to recover; mind has been much depressed during the whole of his confinement; has expressed great desire to return to his native country. If the fever should rise to-night, directed a laxative glyster: feels at present no abdominal uneasiness.

17th. Rested well; fever this morning, as usual; not so high, though, at 11 o'clock, as it is generally every other day before breakfast. Had an injection this morning, which procured a full alvine discharge; face but very slightly flushed. Drink lemonade; no medicine ordered. It is probable the fever will now spontaneously wear itself out; no appetite to-day; to-morrow he will be clear of fever, and perhaps good nourishment may be taken, and obviate the necessity of medicine, tonics, bark, &c.; cough still, but slight.

20th. He had yesterday but the shade of a fever, unattended with the usual thirst; to-day, convalescent; appetite of animal food.

23d. Fever to-day.

24th. Sitting up; enjoys good appetite. 1819. Bilious Fever.

CASE. Mr. —, Aug. 9th: seized this morning with an ague, succeeded by fever; which terminated in the evening with general perspiration; during the fever in violent pain, but less since its subsidence; complained of acute pain over the right eye; burning in the stomach; pain in the back so great, that he was easy in no posture; he supposed that it was in the region of the kidneys. He has had three or four passages during the day; the last, small, loose and watery. Calomel. gr. v.; Micæ panis, q. s. Ft. pil. Cap. noctê.

10th. This morning, at 8 o'clock, free from pain; pulse weak; skin moist and cool; calomel has not operated at all. Cap. Jalap. ℞ss.; Cremor tartar, ℞ss. At 10 o'clock, had three black passages, which were small, but they afforded great relief; he had acquired

great additional strength from them. The purging powder he supposed would not operate again; and about half-after ten, gave him Jalap, gr. v., and Cremor tartar, gr. x., and repeated the dose at 12 o'clock. This gave him a few small passages still black; did not then repeat the medicine. His fever appeared about this time to be rising.

Evening. This evening his fever appears to decline; the skin is moist; the face flushed; he has, during the fever, felt some headache; is relieved. The pulse weak, although he has taken wine and water. This has, perhaps, induced flushing of the face. His mouth, which was very sore before the cathartic was given, is now much better; the lips had broken out when he came from Gloucester a few days since; where he had a fever, attended with intestinal discharges at first, perhaps, and afterwards diarrhœa. This ague is, perhaps, the commencement of a relapse. He was very feeble when he arrived, and we were on the point of administering the bark. The stools altered in the course of this evening, and became of a bilious, watery appearance.

11th. No sleep last night; fever rose this morning; skin moist; took a little chamomile; takes nourishment; stewed peaches, gruel, &c. Ate a roasted apple at night, and took a dose of bark, of fifteen grains. At 8 o'clock Th. cham. Fever much subsided; pulse somewhat frequent; no thirst since 12 o'clock; skin moist and cool; pain in the back is violent; as much so as the evening before the last; has a sweetish taste in the mouth, and complains of great irritability.

Evening. Three passages this evening; very weak; unable to sit up. Cort. rep. semel nocté.

12th. This morning extremely weak; pulse low, rather frequent; skin moist. Cort. \mathfrak{D} i. o. 2 h. The pain in the back has not been felt to-day. It was last night relieved, he thinks, by rubbing the feet with Sp. camphorat. Has taken four doses of the bark this day, and will take it during the night; it has passed off by stools, but not freely; he has enjoyed more appetite than before; determined to take it to-night, to obviate the return of fever to-morrow. Pulse frequent; skin moist; face red while lying down; pale when he raises himself in bed; ordered coffee, which he means to drink during the night; has been using the strongest toast and water, or rather a quantity of burnt corn-bread steeped in water; the infusion a deep brown.

13th. Continued bark all day, and took two doses last night, \mathfrak{D} i. in each, with chamomile tea, or strong toast and water; appetite for animal food; skin moist always; pulse more active.

14th and 15th. Cort. continued o. 2 hor. with some frequency of pulse, but moist skin.

16th. No fever this morning; cort. cont. o. 3 hor. Well. 1819.

CASE. Master —, æt. 15, Sept. 28th, complaining.

29th. Ipecac. \mathfrak{D} ss.

30th. Cathartic — Rhei, Kali vitr. (sulphate of potash), Jalap, āā. ℞ss.

Oct. 2d. Ague, at 12 o'clock. Took one dose of cort. about two hours before it came on. Desisted from the use of it.

3d. Last night perspiration at 6 o'clock; fever rose again. Jal. ℞ss., Cal. gr. iij. at seven this morning; operated by ten; had three passages; second black and full; first and last small and very bilious; has passed a large quantity of urine; sweated this evening at 8 o'clock; eat heartily of bread; went to sleep. Puking in the night of green bile, and a large, thick, bilious passage. Puking continued till breakfast on the fourth.

4th. Applied mint to the stomach; pretty clear of fever all night. The last puke yellow, just before the application of the mint: did not relieve. Applied a sinapism at 9 o'clock; kept it on till fifteen minutes before ten; got easy; no nausea or pain of stomach afterwards. He complained of pain before it was applied; very little pulse; might have taken the bark, but for the state of the stomach; disposition to sleep removed.

5th. Fever went off with perspiration. Took two doses of bark.

6th. Objected to the bark, and gave porter, ℥ij. or ℥iij. o. 2da quâque horâ. Entirely without fever; return of appetite.

6th and 7th. Quite clear of fever; convalescent; up and about; good appetite.

21st. Relapsed with double tertian.

23d. Spontaneous diarrhœa.

24th. Without promising evacuation, gave two doses of bark in the morning, one before, and the other after breakfast, and then porter freely. No ague to-day; it should have come on at noon. 1819.

CASE. A youth, æt. 17. Oct. 10th. Ague, from exposure to rain yesterday.

11th. Ipecac. ℞i.

12th. Jal. gr. xi.; Cal. gr. v. Cap. manê. Some fever this morning; last night clear; eyes yellow to-day. The ague came on at noon before the purge had operated; purge did not begin to operate till late in the evening; the first evacuation enormous and black; operated all night and operating to-day.

13th, at 12 o'clock. All the passages black; eyes yellow; some little fever; skin open.

14th. Ague by 8 o'clock this morning; cough; running of the eyes and nose; passage this morning, and in the evening also.

15th. Fever slight all night; eyes less yellow; mouth broken out; passage this morning; craving acids — ate limes; fever this morning. Fever rose last evening, declined this morning, and rose again before 12 o'clock. Still in bed; ate oysters, half-a-dozen with vinegar; first meal, to-day, about 10 o'clock.

16th. Chill as usual at 8 o'clock this morning; fever all day; pain shooting through the shoulder and back, from the pit of the stomach; no fever to-night; cough frequent and dry; has been

up often to pass water both last night and to-day — a very frequent occurrence when well. Cap. h. s. Magnes. \mathfrak{z} ij. No passage to-day.

17th. Magnesia procured two passages; one in the night, and one this morning; skin still yellow; lips much broken out; eat his breakfast with appetite; up to-day; no fever; had a little pain in the stomach after breakfast.

18th. No chill last night. This morning, porter, wine, and water; chicken broiled for dinner, though he laid in bed.

19th. Convalescent. Yellow tint nearly faded; appetite great still. 1819.

CASE. Grace, a servant. July 22d. Her fever commenced yesterday, with chilly sensations during the day. The fever was high in the evening, with great headache; perspiration ensued about bed-time. Costive for three days. Cap. statim. ipecac. \mathfrak{z} i. Only operated once, when she threw up bile; it did not act upon the bowels at all. Fever with chill recommenced at 12 o'clock, attended till this evening with thumping headache; declined in the evening with general perspiration and diminution of headache. R. Calomel. gr. v.; Micæ panis, q. s. Ft. pil. h. s. sumend.

23d. Pulse a little quickened this morning; tongue white; head quite easy. Calomel operated once very early this morning. At breakfast time, gave Jalap, \mathfrak{z} i. She had three passages. No chill to-day.

24th. No appetite this morning; great desire yesterday evening for acids, which she used; giddiness this morning; tongue foul, whitish-yellow sordes upon it; no passage since the operation of the cathartic. She feels a straining or desire for a passage, without being able to effect it. Pulse somewhat quickened. Cap. statim Ol. ricini, \mathfrak{z} ij.

26th. The oil operated four times; she had free passages; complains not of the straining, but has pain in the hypogastrium; tongue still yellowish; pulse somewhat quick but weaker. Cap. poc. Theæ chamom. She has taken two cups of the tea. At 4 o'clock, the skin was warmer and dryer than natural; the pulse but little affected. Has eaten nothing to-day; has no desire for drink or food; no nausea; the pain in the lower belly continues. I applied the chamomile bag steeped in hot whiskey. After making two applications of the bag, which was not sufficiently frequent, the pain shifted to the umbilical region, and was extreme: this was about half-past seven. I directed the repetition of them. By persisting a short time with them, she got relieved and went to sleep.

27th. Rested the better part of the night well, and sweated towards the morning. She is quite free from pain everywhere, and complains of soreness; skin cool; pulse moderate; rather fuller than yesterday, and slower. Feels no appetite yet.

28th. Convalescent. 1820.

CASE. Mr. —, Sept. 5th. Bilious remittent catarrh, with an excessively jaundiced skin; great heat about the præcordia; pain in the hypogastric regions; soreness in the bowels, and constant, and violent pain in the lumbar region. Cal. gr. v. noctê. P. j. c. ʒi.

6th. Cap. Cal. gr. x.; Jal. gr. x.

7th. R. Epsom salts, ʒi.; Cremor tartar, ʒij.; Aq. fontan. ℥i.; Cap. ʒij. 2da quâque horâ. He has complained of very little headache; but pain at first over the eyes; scarcely any nausea. The pulse has never been active. Last evening it was small, and sank, perhaps from the purging produced by the calomel and jalap taken in the morning. He has been frequently purged to-day by the salts and cremor tartar, with great relief to the lumbar pain; his skin has been moist; the pulse this evening stronger than last evening, though by no means full, but rather small. His delirium, which was considerable last night, has disappeared. The tongue is still furred very thick, and there is a brown line in the middle; the fever at 5 o'clock this evening less than since I have seen him; he begged last evening to be more purged, but his pulse was too much sunk. I feel happy that the saline solution has been attended with so favourable a result this evening. He has shown generally much alarm at his situation. The *cough* by this medicine, as well as the pains, have been most essentially benefited.

8th. He rested badly; much jactitation; cremor tartar and salts worked through the night; he was delirious; as soon as he would shut his eyes, the imagination would unfold a variety of whimsical visions; his skin is less yellow; tongue clammy, lost the brown tint, furred now whitish; pulse more active, still rather depressed; he was surprised that he should feel strengthened by the evacuations. Directed barley-water, made pleasant by the syrup of lemons; no lemon-juice to be had; fever perhaps rising; pains in the back relieved; cough a little troublesome and dry last night; he expectorates a little this morning.

9th. Fever low till 3 o'clock this evening, when the pulse became somewhat elevated; skin deeper; cough still without expectoration; skin hot and dry; tongue not so much furred, nor thirst so great to-day. Yesterday he drank three quarts of barley water; to-day only one pint, in which was dissolved cremor tartar, ʒij., and tamarinds, ʒj., which had no effect upon the bowels. Complains this evening of pains along the anus and thighs, and fulness of stomach. Cap. calomel. gr. v. Mind more collected. Reported all over town this morning that he was dead.

10th. He rested badly; calomel did not operate; skin not much suffused with bile. R. Epsom salts, ʒi.; Aq. ʒvi. Solve. Cap. ʒij. 2da quâque horâ donec purg.

Evening. Skin hot; somewhat disposed to perspiration; thirst still excessive; tongue dry and white; cough less. *Never has experienced headache and sick stomach*; medicine operated ten or twelve times; pulse very quick; sleepless, always has been; somewhat disposed to-night to doze, but is afraid he shall not sleep.

I thought his hands had become somewhat moist before I left him. Pediluvium.

11th. Slept a little last night; to-day has slept two hours; at 2 o'clock felt chilly about his feet, though they were not cold to the touch, and expressed a wish that the window should be shut. At four I saw him, and found the skin universally hot and dry. He had taken during the day several small tumblers of sago, which sat well on the stomach; and he said this morning early, that he wished he could get some strength. He feels no fulness of stomach from eating.

Evening. At 8 o'clock skin universally hot and dry; urine passed generally in small quantities and highly coloured; spontaneous bilious passages to-day, the last more consistent perhaps from the sago; the cough is hepatic; tongue still dry, not thick furred, but red in the middle without deposit; edges whitish (by candle-light); thirst great; pulse frequent and rather soft, or between soft and feeble; he slips rather down the bed: he observed that was because he was obliged frequently to change his posture.

12th. Sleepless night; cough very troublesome; expectorated; no passage since yesterday; skin still dry; has taken three cups of tea this morning; pulse not so quick. Directed sago. Tongue inflexibly dry.

Evening. Saw him at six. Skin cooler, with slight moisture; pulse scarcely perceptible at the wrist; but after eating some time, he turned over and the pulse rose; he had been drinking a little iced water; complains of a little pain in the back; tongue dry but clean, loose and obstructed by scabs; breathes through the mouth.

9 o'clock, P.M. Found him asleep. He awoke partially, and talked of the blister which I threatened to apply, if his cough was troublesome. His breathing was unattended with abdominal heaving; his skin was moist and cool; his pulse soft and less accelerated; no cough while I stayed; he put out his tongue, the middle brownish, and the edges whitish without dryness, perhaps slightly moist. Directed the sago to be made thin: he had taken half a tumbler, which I directed to be repeated, if his fever should get low in the night. Although his mind was dreadfully oppressed at the thought of the blister, he put his hands under his head and composed himself to sleep, as soon as he had shown me his tongue, about which there was not the slightest tremor; indeed there has been no subsultus or tremor in the muscles of any part of the body since his attack. No passage to-day.

13th. Slept well all night for the first time; fever this morning. R. Sal. A. (Epsom salts), $\bar{3}$ i.; Cr. tart. $\bar{3}$ ij.; Aq. \bar{f} j. Cap. cyath. 2 o. 2 h. donec alveus dijicerit.

Evening. The solution did not begin to operate till 4 o'clock; gave him eight passages by 9 o'clock; I saw the two last; they were thin, and dark bile; the eighth very small, not more than

two table-spoonfuls; the first passage was sufficiently copious; he has had no cough to-day; he has been sufficiently griped; when I left him, he put his hand to the hypogastrium, and expressed some uneasiness in that region; pulse somewhat reduced, and less quick; skin dry and rather hot, the head particularly; said his feet were hot; tongue is put out with more ease; says he can breathe with more ease through the nose; has still some pain in the back. The cough in this case seems very much connected with the engorgement of the liver, and the purgation perhaps has been attended with more benefit than the threatened blister.

14th, 3 o'clock, P.M. He rested badly; had several small passages in the night, and three this morning; skin hot; pulse not as feeble as I have felt it in the delirium of fever; palms of the hands hot and dry as usual; much weakened; finds it difficult to raise himself in bed; this is the eleventh day. Perhaps the fever will decline this evening, and be succeeded by a good night's rest; he had several naps to-day, which was the case the day before yesterday.

Evening. No alvine discharges since 3 o'clock. I called at half-past seven. He said he would have coughed all day, but he suppressed it; at eight he coughed once; his forehead moist; tongue brown and dry on the surface; edges cleaner and not dry; he puts it out with the greatest ease; lies generally on his back; hands still dry and hot; thirst has been very little to-day, and indeed yesterday; he did not call for drink while I staid with him; his pains have all left him; if he is not purged, his cough will return. By the nurse he is supposed to be weaker, but he says he is stronger. Directed his sago to be repeated, though he is not fond of it; says it is too sweet: some lemon acid would be a good addition, if it could be procured.

15th. He had a most restless night; they could with difficulty keep him in bed. The fever at 10 o'clock this morning nearly off, but the head was hot. At 2 o'clock to-day the fever had risen; he has had occasion to go to his chair three times to pass water; it is not high-coloured, but is in a very small quantity; no alvine discharge yet; he nearly fainted every time he got up to the chair; he felt some oppression about the chest this morning, none now; tongue was cleaned early to-day by the nurse with vinegar, and remained clean; appeared more debilitated when the fever was off or low, than at present. I left him lying on the left side; he has generally lain on the back; has been confined to the sago. Directed roasted sour apples. Pulse stronger than this morning, and fortunately now excited: the fever had so far declined that I feared speedy dissolution, which I had seen twice this season: the nails quite purple at 1 o'clock. Eyes and skin much clearer. The fear of death has been upon him from the commencement of the fever.

Evening. He has, by my direction, been undisturbed by officious visitors to-day; has enjoyed some sound sleep; his fever has sub-

sided this evening, with a soft skin, at least at the wrist, a pulse free, soft, and somewhat round; spirits better; less micturition; less thirst (though that has not been great for some days); and he appears in every respect better. He only goes on with his sago to-night — of wine ℥ij. and a little nutmeg, to somewhat better than a *pint of sago*.

16th. He slept well last night, and perspired naturally from head to foot; the pulse rose in the night, was considerable at nine this morning, and declined at noon, without occasioning a similar prostration to his yesterday's apyrexia; the sleep very much recruited his strength; he could help himself better than for several days. His urinary discharges are frequent and sufficient; straw-coloured. He ate an apple while I was with him at 9 o'clock, and after it gargled with cold water, and ejected from the throat a great quantity of glairy, viscid mucus, which before interfered with the clearness of his voice. He goes on with the sago, with some lemon-juice added to it, and with roasted apples. He was not attended subsequently by my father. Recovered by the latter part of September. After getting through it, he was attacked, about the 17th of October, with a tertian intermittent. 1820.

CASE. Miss. —, August 31st. Taken yesterday at midday, after eating water-melons, with a chill which lasted an hour or two, succeeded by fever and excessive headache, which last continued till this morning; tongue foul, tinged with bilious sordes. She was taken the same day last year after eating water-melon. R. Ant. tart. gr. iij.; Aq. calid. coch. parv. viij. Cap. un. omni xv. min. donec vomuerit.

Evening. Headache gone; skin moist; fever only a little quick. R. Cal. gr. v.; Micæ panis, q. s. Ft. pil. cal. nocte. Mane cap. Jalap. gr. x.; Cr. tart. ℥i.

Sept. 1st. Passed the night quietly and without fever; ague to-day at 12 o'clock. Saw her at half-past one; the fever had come on; was then attended with but little headache; the calomel operated only once; the jalap and cremor tartar were succeeded by sufficient evacuation after much sickness.

Evening. She has experienced since I saw her this morning but little headache and no sick stomach, but has complained of a burning skin, and excessive pain in the limbs, which were relieved by a sweat which broke out at 6 o'clock after drinking tea. If she escapes a fever again to-night, it will turn out a distinct tertian fever.

2d. Slept and perspired last night; ate breakfast, and at half-past one ate a custard and drank sangaree. I did not see her till she was thus excited; the pulse was fuller than it ought to be, but the skin was cool; she has had no thirst, except a very little before breakfast, and she supposes that she is at present without fever; the tongue is white. She will, from the muscular pain in the last fever, probably require more evacuation; and indeed she is, most

likely, under the influence of some febrile action to-day, and is by no means in a proper state for the bark, which might excite and prolong the fever.

Evening. No more evacuation since I left her; she thought she could eat some dinner, but she found she could not; little or no fever; no complaint. Cap. Cal. gr. v. Mane, cap. Sal. Epsom.

3d. The medicine operated several times, and was suspended by the ague at 10 o'clock, but operated three times in the evening. The fever subsided at 6 o'clock; she drank a cup of tea, and brought it up with bile. I thought for the first time the fever was then about to double itself; the pulse rose, and I left her with directions to drink balm tea, acidulated with cremor tartar.

4th. She rested tolerably well; had a slight fever; was in a warm perspiration at 11 o'clock this morning; took two glasses of cremor tartar drink during the night; some remains of fever:—R. Sal. A. ζ i.; Cham. ζ ij.; Aq. ferv. \mathfrak{h} i. Cap. ζ iss. omni 2da vel 3tia horâ. Took two wine-glassfuls. The second dose made her sick at the stomach; and she then took a third, which operated three times, and brought away bile.

Evening. She hastaken the whole of the infusion, amounting to five wine-glassfuls, which altogether have worked as well as any purgative which she has taken: but she is not yet in a state for the bark. The external appearances are favourable to its administration, though the pulse is rather too much elevated, with some preternatural quickness. She is quite easy, and the skin is cool.

5th. Fever came on at 10 o'clock, preceded by little or no chilly fit. She had no headache, and the fever was very slight; left her bark to be taken in the morning.

6th. Not altogether clear of fever; little or no appetite; no headache; has taken four doses of bark; it has not operated as usual. Cap. coch. parv. Magnes. cal. i. dos. cort. h. s. Complains of a little acidity.

7th. Missed the ague to-day; little or no appetite; tongue biliously foul, somewhat; bark, one dose before breakfast. Directed Sal. A. ζ i., Cham. ζ ij. Infus. in Aq. ferv. ζ jss. o. 2 h. donec purg. cras mane loco Cort. peruv.

9th. Took four doses of the infusion, which operated well; taking the bark to-day. M. m. et. verp. coch. par.

Purgatives act with better effect, and with less distress to the stomach, perhaps, on the well days. Bilious Fever. 1820.

CASE. Miss. —, June 20th, was taken last night with an ague; fever all night; extremely high to-day; pulse full; strong; tongue white; abdominal pain; headache; tenesmus. Took a dose of calcined magnesia, of her own accord. At bed-time, gave calomel, gr. $5\frac{1}{2}$: in a short time she had a passage; she made some efforts to puke, after the calomel, which arrested the fever in some measure; slept well all night; she had been costive for some time.

21st. Epsom salts; fever lower; operated only moderately. This

evening excruciating pain in the back; nausea, and once puked. Sinapism applied and relieved her.

22d. At ten this morning, nausea and headache; fever moderate. Calomel, gr. v., and this evening P. jal. c. ℥ij. 2dâ quâque horâ. Slept from 1 to 3 o'clock; no puking came on; pain shifted to the right side. When the fever lowered in the evening, directed that a mustard poultice should be applied to the seat of the pain; face flushed this evening, as the evening before last.

23d. Rested badly; pain in the side, still; calomel did not operate, and powder perhaps but little; finds it difficult to lie on the left side. Fever. Cap. statim Sal. Epsom. ʒj.

Evening. Fever lower; skin cool; some nausea; pain in the side, just under the rib; she lies on that side. The salts operated better than any medicine that she has taken; she cannot inspire freely, without feeling the pain increased; she thinks there is some swelling. Directed a poultice of mustard, if the pain was so violent as to prevent sleep.

24th. Slept better; slight remnant of fever; some soreness left in side; had no occasion for the sinapism. Convalescent.

26th. Fever re-excited last night, by eating bacon for dinner, and in the evening; she had a fever all night; she complains of pain in the back, but no headache; pulse quickened; face flushed; more locally this morning; tongue whitish and dry, except round the edges.

Evening. Pulse still quickened; complained of headache, and *now* says, that her head has ached all day. Pil. Cal. gr. v. h. s.

27th. Fever rose last night at 7 o'clock, and again this morning; took a dose of salts too late; they puked her; she brought up green bile, at half-past 1 P.M. Dr. Smith saw her, and proposed Jalap, gr. xii., and Cremor tartar, ʒss., every two or three hours. She took a dose at two. Headache much increased, and pain in the back, and side of the back; skin moist.

Evening. By five o'clock, the medicine (only one dose) had operated; it was thought better than any which she has taken. It puked her twice, but she did not bring the medicine up. I did not repeat it, as she complained of much sick stomach; she was disposed to sleep; her face very pale; pain of head less, and also her back; pulse full, somewhat tense, and rather quick; skin not so moist.

28th. Face pale; nausea still; pulse active. Rep. Jal. et Cr. tart. o. 2 h. Donec purg.

Evening. The medicine has operated very much; the nausea was excessive, from early in the morning till 4 o'clock. I saw her at eight this evening; she then complained much of it; the pain in the back less, but she feels a soreness, all over the body; did not complain of the head; pulse reduced, but still somewhat active; not so quick; skin cool; recommended a sinapism to the epigastrium, for the sick stomach. She took only one dose of the cremor tartar and jalap.

29th. Action of the pulse reduced ; still soreness universally, which kept her awake all night ; skin cool ; fever rose after I left her yesterday. Dr. Smith thought no medicine necessary to day. She lies now, with great ease, on the left side. The liver, from the very commencement of this fever, seems to have been in the most highly excited state.

30th. Slept a few hours last night ; belly painful ; spirituous fomentations were obliged to be used ; she says, she can with difficulty straighten herself ; not the least fever this morning ; bowels costive. Advised castor oil ; but she preferred taking, morning and evening, the solution of salts ; \bar{z} iss. in infusion of chamomile, directed by Dr. Smith.

Evening. Took two table-spoonfuls of castor oil this evening, at 4 o'clock ; called between eight and nine ; it had puked and purged her ; she brought up bile from the stomach, and she was in great abdominal pain. Advised a sinapism to the stomach ; skin hot ; pulse excited ; it is probable she had fever last night ; she was induced to take the oil from pain, of her own accord ; disposed to sleep ; had one nap.

July 1st. The medicine operated as well as most of the others ; she slept better ; more fever than yesterday morning ; tongue very foul ; cannot straighten herself yet with ease. Took a cupful of the solution of salts in Infus. of chamomile. Directed it to be repeated morning and evening, and to-morrow, and afterwards twice a-day.

Evening. The medicine has operated a little ; pulse rather more elevated ; skin cool ; has not complained of heat ; drank barley-water all day ; stomach not at all discomposed ; more cheerful. Dose of the solution to be repeated at bed-time ; no headache, which she has invariably suffered in all her fevers heretofore.

2d. She passed a restless night ; got no sleep till 2 o'clock ; fever high ; had some small passages from the salts ; head confused ; headache this morning ; tongue foul ; fever going down ; disposed to sleep ; thirst ; requested ice. Dr. Smith thought it rather improper, as the fever was coming ; she was indulged in a little : proposed calomel ; I desired that it might be postponed till night ; takes nothing to-day. Liver must be in an embarrassed state. Was rocked in a cradle yesterday by own prescription ; felt better from it.

Evening. Fever all day. Cal. gr. iij.

3d. Has taken three doses of solution of salts to-day. Fever lower during the rising this evening ; feels much better ; less anxiety of countenance.

4th. Had a good night ; no fever this morning. To take two doses of the solution to-day. The last dose of the solution last night, puked her ; she brought up part of it.

5th. Dr. Smith saw her at half-past four ; she had no fever. This morning, pretty clear.

6th. Fever all day and night.

7th. Fever. Resume salts.

8th. Violent ague this morning before day; from pulling off her flannel yesterday evening. Change in the weather, great; rain somewhere: heavy clouds and pretty severe lightning, but a mere sprinkle of rain. No distress of stomach during, or since the chill; fever high at 1 o'clock; cough; nausea; the salts which she took yesterday have operated since.

9th. The fever was extremely high all night; mouth dry; evacuations frequent and bilious; she had three from daybreak till 7 o'clock — pulse then much excited; cough; nausea. Directed toast and water.

Evening. There was thought to be some chilliness at 11 o'clock, with cold feet, and pain in the back. I called at half-past four or five, and remained with her till sunset; her pulse was full, with considerable strength; radial artery, distinctly pulsated; pain in the right eye and head; nausea great, but did not puke; evacuations stopped; face somewhat flushed; pain in the back of neck. Cap. Calomel. gr. iij. h. s. et mane coch. parv. Sod. phos. If there be vomiting, cataplasm to the epigastrium. This fever come on, on the 5th of July; traces it to the noise, &c., of Mrs. —'s children. She may perhaps have a return of her fever to-morrow morning, at the time it came on yesterday. When I came from Mrs. —'s this evening, the pulse was somewhat softened, with some disposition to moisture, in the skin. I had applied some mint, dipped in vinegar, to the stomach. It is surprising that the pulse should be so full, with so excessive a nausea.

10th. Two passages in the night; whether from the calomel, I know not; she puked twice, about one hour after taking it; a sinapism had been applied when she took it; she slept one hour, then waked and puked. Gave her Epsom salts, $\bar{3}$ ss., instead of phosphate of soda. Fever had not gone off, but was less.

Evening. She puked after taking the salts, and supposed she had discharged them from the stomach; but she had six or seven evacuations, which afforded great relief; countenance brightened; pulse, though, still rather active; she is cheerful, and says she shall now feel well; she is very nervous.

11th. No headache; pulse very slightly excited. Cap. Rad. colomb. gr. vi. tertiâ quâque horâ.

Evening. Took only one dose of Columbo. Cough, headache and toothache have come on. Pulse active, and skin very moist.

12th. Cough subsided with the headache early last night. Took Epsom salts, $\bar{3}$ ss., this morning, in infusion of chamomile. The fever was lower, when I saw her, than since the sixth or seventh of the month.

13th. Medicine yesterday, operated; scarcely any fever this morning. Cap. Chamomile tea.

14th. Still better. Chamomile infusion every three hours.

15th. Better. Chamomile.

16th. Rode twelve miles without fatigue.

17th. Rode out this morning a short distance; saw her on her return; pulse full, quick; skin hot. Omitted chamomile tea.

18th. She was attacked in the night with puking, and brought up food undigested, which she had eaten in the day; it was diverted downwards during the day. In the evening I saw her. She was feverish in a slight degree; she had eaten two crackers at twelve, which she discharged this evening; her puking was attended with some acidity. Directed nothing. To go on with the chamomile in the morning; face pale and much reduced.

19th. Went to Mrs. —'s, on her way to the upper country. Bilious Fever. 1820.

CASE. William, a coloured free man.

Aug. 25th. Taken with tertian or quotidian remittent; a chill every morning.

27th. Called to see him this morning. Complained of headache; soreness about the præcordiæ; pain in knees. Pulse full. Cap. noctê, cal. gr. v.

28th. Ol. ricini. Called at 11 o'clock; found he had a chill, and had puked the oil; but the calomel had probably operated with the assistance of the oil; impression frequently. Complains of want of sleep.

29th. Chill this morning. Called at 10 o'clock. Headache; face flushed; feet cold; pulse full; nausea; had puked twice; pain in knees; coughed. Gave calomel, ℞ss., in syrup of damsons.

Evening, 5 o'clock. The calomel had operated copiously three times downwards, and was just puking him. He puked a large quantity of bile of a greenish hue just before I saw him, and while I was with him a little mucus; he felt as if he should have more discharges downwards; pulse reduced much; skin moist; headache less.

30th. The medicine operated all night upwards and downwards; pain in back, and sick stomach still; some pain in limbs; restless; skin hot and dry. This is about the time for the ague; it is about 8 o'clock.

Evening. Had his chill after I left him. This evening complains heavily: his head and bowels are pointed to as the causes of pain; perspiration partial about the head and arms and superior parts; legs dry; bowels open; stomach sick; has drunk iced lemonade (perhaps I may be wrong). Directed pediluvium of vinegar and water to-night.

31st. Restless night; retched twice; did not puke; had no passage till this morning; it was large and dark; his ague not come on yet (9 o'clock); has it one day late, next earlier. — R. Magnes., Cr. tartar, āā. ʒi.; Ol. menth. gtt. i. Misce, and div. in ch. iv. Cap. 1 o. 2 h. Feels pain still in epigastrio and head; appears to slip down the bed; tongue dark and a little tremulous. Direct a sinapism to the scrobiculus cordis, and the above powders; it is probable his chill is approaching.

Evening. The powders have had no effect; uneasiness still

about the stomach; some alleviation of mind; skin excessively hot and dry; thirst great; drank lemonade; lies on his back; no perceptible chill; pulse more active than in the morning. Directed a large enema, and calomel, gr. v. h. s.

Sept. 1st. Could not get him to take the calomel pill; he would spit it out; his glyster operated well; he had a convulsion in the middle of the night; pulse this morning temperate and somewhat reduced; tongue lost its black hue, but tremulous; covered this morning with whitish scurf; moist — still sweating — this has been generally the case; rather more delirium or stupor than last night, but he is, I think, better; he was prostrate yesterday; he now turns from side to side; heat of skin general; head cooler, or rather not hot to the touch, and not so dry as the feet and legs, which are very warm, though not so hot as last night. Gave him Cal. gr. v. in molasses at 7 o'clock; and directed Jalap, gr. vi.; Cremor tartar, gr. xii., at 12 o'clock, if the calomel should not operate. The eighth day begins this evening.

Evening. No passage; stupor; slips down the bed; but opens his mouth when asked to put out his tongue, which still trembles; forehead moist and cool; hands hot; legs and feet not as hot as they were, but dry. At 6 o'clock, Cal. gr. v., and of the purging powder above, gr. ix., if no evacuation at 9 o'clock. To apply Emp. vesic. nuchæ.

2d. Spoke to me this morning; face flushed; skin of legs moderate, almost cool; superior parts warm; forehead hotter than yesterday; pulse soft and little frequent; more fever; he put out the tongue fully; it was moist and dark. Blister did not draw; glyster operated.

Evening. Had a very slight passage; has passed his water; superior parts of body still hot, or rather hotter; face flushed; pulse full; restlessness increased; wants to get up; lower extremities quite temperate. Cap. Cal. gr. v. \bar{i} . gr. ix., of the purging powder above mentioned, at 6 o'clock. Enema at bed-time. To go down stairs.

3d. Restless during the night; glyster operated; has slept to-day; skin cold all over the body, and soft with a healthy feel; no heat about head; eyes red and sleepy; pulse slow, distinct; temperate with sufficient fulness; mind clear; answering any question relative to his feelings particularly; tongue dark; about the edges of good colour and not dry; feel rather cool; he does not wish to be covered. Having rain to-day, prevented my seeing him till 3 o'clock this afternoon; has taken nothing to-day of the medicinal kind. Directed a glyster at 9 o'clock, if no passage.

4th. Slept well last night, without fever; skin cool this morning, and pulse soft and slow; has eaten arrow-root; feels some appetite; has had two black passages this morning, consolidated: or could the calomel given day before yesterday be now acting on the bowels? The glyster last night operated; mind quite clear. Directed roasted apples and fruit.

5th. Diarrhœa; had several black passages last night; fever this

morning; there is some wildness about the eyes; pulse more quickened, not weak; passages free, with very little griping.

Evening. Diarrhœa continues, but he is not weakened by it; he has not been reduced by his fever apparently; his appetite is much increased; eats mush and milk, and roast apples; face a little flushed; pulse temperate, hardly febrile.

6th. No passage last night, two this morning; complained of increasing pain about the epigastrium; pulse slow and full; appetite great.

Evening. Pulse more excited; very full, but soft; more quick; has drunk this evening a glass of porter, of his own accord; face rather flushed; says he is extremely weak. But he has not fallen away sufficiently to justify a belief that his convalescence is so very certain: indeed the stimulant plan cannot be used in his habit with safety; since the morning he has had a more natural passage. 1821.

CASE. Mrs. —, Sept. 12th. Complains of cough and nausea, bitterness in mouth; cold chills. Took cold from exposure on the 23d of August, the day of the hurricane in Norfolk. Took Epsom salts, ζ iv., on the 7th, and repeated them on the 10th; came from Norfolk in the stage yesterday; she felt nervous last evening, and her hands trembled; she slept badly from the mosquitoes; had very unpleasant dreams; thought that she had the yellow fever. Saw her at noon; she appeared to be comatose. Cal. Ḑ ss.

Evening. Skin hot; pulse quicker; nausea; she had puked bile frequently — yellow, and phlegm. Intended to have given a puke, but she feared the stomach-cramp. The calomel had not operated downwards; too sick for a purgative; postponed it till to-morrow morning.

13th. Fever less this morning; stomach sick; coughs and expectorates; there was a little blood last night; has no headache, and had no headache yesterday. R. Jal. Ḑ ss.; Cr. tart. gr. xxx.; Aq. menth. ζ ss. Ft. haust.

Méridie. Medicine has operated five times downwards, and brought away a great deal of bile, and after operating twice or thrice, it puked her; skin covered with moisture; pulse feeble, and lessened in frequency and force, though it has never been strong; she feels easier in every respect. She observed — “Doctor, it is not the yellow fever, is it?” I considered it bilious remittent, I told her, and should be happy if she had not another paroxysm.

14th. The medicine operated three times more; passages very bilious; slept and sweated all night. This morning thinks she has a chill, but the stomach is sick; of course the skin is cool. Coughs and expectorates a good deal of vitiated mucus; pulse moderate. R. Magnes. ζ ss.; Epsom salts, ζ ij.; Aq. menth. ζ j. Ft. haust. Could with difficulty keep it on the stomach. Hand trembles so much, that it is with difficulty she can carry a glass to the mouth.

Evening. Skin cool; has felt much pain in both hypochondria,

and flatulence; the salts operated only slightly three times, but procured some relief; the cough has not been so troublesome. This cough did not begin till the day after her arrival here; pulse feeble, and not much quickened; mind free from all stupor, and perfectly correct. The day before yesterday she was overwhelmed with the force of the stupor, and comatose in some measure.

15th. Rested well; salts and magnesia operated again last evening; complains of nothing but cough; no fever; pulse hardly perceptible. Directed milk and rice. Yesterday was the fever day.

Evening. No fever; cough troublesome; ordered nothing for it. Convalescent.

20th. Relapsed yesterday; had an ague at 11 o'clock; saw her in the evening with fever; cough had not left her. Prescribed Cal. gr. v., and this morning Jal. ℞ss.; Cremor tartar, ℞ss. The fever had gone off this morning at 12 o'clock, and the calomel had puked twice, and both had operated downwards — not very well; she was in a perspiration during the night; cough much better; allowed her to drink porter.

21st. Fever came on last night; going off this morning with perspiration; she has sick stomach; her lame arm pains her. R. Sal. A. coch. parv. ij.; Cr. tart., Magnes. āā. ℞ss.; Aq. ℞ij. Ft. haust.

Evening. Fever came on, perhaps about midday; milder than the day before yesterday; the draught operated often, but the passages were small; no nausea; pulse but little quickened; craves soused feet; a little increase of cough, and disposition to sleep.

22d. Sweated very little last night; pulse more active this morning than I have felt it; skin not hot; head rather more affected, and nausea; tongue covered with whitish scurf. R. Sal. A. ℞ss. or ℞vi.; Cr. tartar, Magnes. āā. ℞ss.; Aq. ℞ij. Ft. haust. statim. sumend.

Evening. The draught operated well three times, more freely than any medicine which she had taken; perfectly clear of fever; ate a little bacon, and is drinking porter and water; skin not clear; no chill at 12 o'clock, she says.

23d. The fever came on at 11 o'clock at night; she ate mush and milk for supper. R. Sal. A. ℞ij.; Infus. cham. ℞ij. Ft. haust.

Evening. Operated three or four times; pulse quick; cough very troublesome; pain in the side remained; has eaten custard and two birds. Pediluvium.

24th. Fever rose in the night; sweated; skin cool and pale this morning; coughs still; tongue a little scurfy; no nausea. — R. Cr. tart., Magnes. āā. ℞ss.; Sal. A. ℞ss.; Aq. ℞i. Ft. haust.

Evening. The medicine has operated better than any she has taken; the pain in the side very slight, and she feels much stronger. I found her walking about the room; skin quite moist, and pulse scarcely febrile.

25th. Skin in a state of moisture; pulse not active; scarcely

discoverable, as it always is when the fever is low ; no medicine to-day ; did not rest very well ; she had fevers in the night ; has sat up during this evening.

26th. Coughs this morning, and expectorates pretty freely ; had two passages yesterday, very small ; pain in the side a little troublesome in the night when she coughed. R. Magnes., Cr. tart. āā. ʒss. I considered this cough connected with the biliary secretion.

Evening. First dose did not operate ; repeated at 12 o'clock ; the last gave her two full passages ; some fever this evening ; feels chilly ; the weather changed since yesterday from summer to winter ; pain of side still, and cough, though neither troublesome ; the pulse may have been quickened by drinking porteree.

27th. Evening. Feverish all day ; could not bear the smell of broiled birds ; has eaten roasted apples and some other light food ; no relish for tea, snuff, &c. ; pain in side when she coughs. Cap. h. s. Cal. gr. iij. et mane Sal. A., coch. parv. iij.

28th. The calomel suspended the cough last night, and the pain in the side ; pulse more open this morning, though it is quick ; calomel made her excessively sick, more so than either of the former doses, which were larger ; it has operated with the aid of the Epsom salts. She feels badly to-day ; but I promised her that she should feel much relieved to-morrow. The pain, though, in the left side, (which, by-the-by, is frequently the case in hepatic fever and disease generally,) is certainly of biliary origin.

29th. Does not feel as well as I expected she would ; the purge stopped its operation in the morning of yesterday, and operated twice in the night ; still desirous to eat some soused feet ; pulse open, but not so active quite as yesterday ; recommended oysters ; eat some toast and coffee for breakfast.

Evening. I sent her some shell oysters this morning ; she ate four, and seven afterwards, at dinner ; her pulse scarcely febrile ; soft, and less quick, with a soft, cool skin ; thinks she is better, and wanted nourishment.

30th. No fever ; countenance cheerful ; very drowsy this morning, and slept soundly ; complaining still of bad taste.

Oct. 1st. A little fever this morning ; bad taste still ; appetite not so good. To take Epsom salts, ʒij., and Cr. tart. at bedtime, if no passage before. And if this should not operate, two drachms of plain salts in the morning. 1821.

CASE. Mr. —, Aug. 12th, taken.

13th. Headache. He took of his own accord Epsom salts, ʒi. I gave him Calomel, gr. x. mane, and two hours after a purge.

14th. Epsom salts, ʒij. ; Cremor tartar, ʒi.

15th. Cal. ʒss. mane ; Epsom salts merid.

17th. Epsom salts, ʒiv. ; Infus. cham. ʒi. ; very slightly chilly this evening, but high fever and sweat all night ; cold at last.

18th. Pulse rather full. Calomel, gr. vi. It has been a tertian

from the first; yesterday the intermission very distinct; he ate his breakfast and dinner both light, and was up all day, on the sofa; his face was pale, he being reduced; and the pulse had subsided below the natural standard.

19th. Calomel did not operate upon the bowels. Took a dose of salts — two or three tea-spoonfuls, which gave him three passages in the night; one this morning; tongue more moist; pulse perhaps nearly natural; complains of his eyes failing, as if something had got into them; does not complain of his head. Gave him calomel, gr. vi., and directed salts at noon, if the calomel should not operate. This will be the evening for the regular chill; he feels some appetite; his thirst has never been great; but yesterday evening, being under the influence of the calomel which he took in the morning, was compelled from thirst to drink a glass of lemonade. Calomel did not operate; took salts; operated immediately several times; ague again.

20th. Slept well, and perspired; pulse but little excited this morning; tongue with a scurf of whitish-yellow.

Evening. Pulse more excited than usual, having taken no purgative to-day. Cap. Cal. gr. v. h. s. Has been in the sofa and dressed the greater part of the day.

21st. Slept well; salts operated in three-quarters of an hour; gave two very copious stools, the contents of the bowels, and a third which appeared to be the salts themselves; pulse natural or nearly so; drinks lemonade.

Evening. Salts operated again three times.

22d. Weak this morning; chill slight yesterday morning at 3 o'clock; slept badly; pulse weaker. Advised breakfast; ate nothing yesterday; had three passages in the night; no medicine to-day.

23d. Ate his usual breakfast, an egg and tea, and an anchovy for dinner; no thirst to-day; missed his chill this evening. He appears to have no more fever than a well man would have from the usual stimuli of the day; had a natural passage at 12 o'clock. No medicine.

24th. Did not sleep well; pulse little quickened this morning; felt weak in the knees last night, he supposes from the fever leaving him; no passage since yesterday; tongue much cleaner and more moist. Ate some water-melon at ten, supposing it might promote a passage, as he had felt some little disposed to it.

26th. Well, and about his business. 1821. Tertian Remittent.

CASE. Miss —, June 11th. Salts late; operated frequently, but moderately; bilious.

12th. Ague at 11 o'clock; sweat at four; fever at eight rising.

13th. Fever all night; this morning very low; ate an orange last night; could not drink balm tea; stomach qualmish; headache. R. Ol. ricini, $\bar{3}$ i.; Ol. menth. gtt. i.; Sac. $\bar{3}$ iss; Aq. coch. parv. ij. M. Cap. statim.

14th. Ague at eight or nine; great puking; sinapisms to the stomach, hands, and feet; headache not so great; slept three hours this evening; action of the pulse greater than usual at 8 o'clock. This evening, perhaps, the fever is rising.

15th. Rested badly; ringing in the ears; little delirious; tongue extremely bilious this morning; disposed to sleep.

10 o'clock. Saw her again; pulse not very active, or very little increased in activity since early this morning; said that she had spit blood in the night; headache slight; skin a little yellow.—R. Magnes., Crem. tart. āā. ℥i. M. et div. in ch. iij. Cap. i. o. 2 h.

Evening. Powders only operated once, the passage highly bilious; no more blood; probably it was from the fauces; no cough; some pain of breast. At 8 o'clock repeated the powders, and directed one every two hours till a positive effect; pulse moderate; cheerful.

16th. Rested badly; pain in the left side and shoulder; no cough; did not see her till 12 o'clock to-day; she felt only a slight griping about eleven. She applied a sinapism to the stomach, and kept it on one hour; the pulse was moderate; skin warmer than natural; slight headache; no nausea. Menses fluunt hodie,—a fortnight earlier than they ought.

Evening. No return of the ague; puking; fever moderate; scarcely any thirst to-day; slight bitterness of taste still; more cheerful; skin soft and moist, with very little increased heat; she says her skin is somewhat yellow; now too dark to observe it; one of the wrists swelled and inflamed from the sinapism applied the day before yesterday. Directed to foment with warm milk and water, and to cover it with nutmeg and wet poultice.

17th. Rested very badly; fever high during the night. At 11 o'clock this morning I saw her; the fever was moderate; skin cool; pulse a little quick, with very moderate force; she had no pain of side; her head was nearly easy; it pained this morning; passage from the bowels none since yesterday morning; no bitterness of mouth; tongue clean and moist; wished to eat custard—denied it. Directed porteree to drink.

Evening, 8 o'clock. Has taken three glasses of porteree; first put her to sleep; the last two were made weaker; her skin moist, and pulse moderate and firm; headache was not increased by porter; no passage yet. Cap. Magnes. ℥i., Cr. tart. ℥i.—to be repeated at 10 P.M. Catamenia fluunt. Eaten nothing except an orange or two; drank a cup of tea this morning; much pleased with the porteree; permitted her to take another glass, if she thought proper, to-night.

18th. Paroxysm came on at 3 o'clock in the morning; she had a puking of sour and bitter matter, and was cold for some hours, which she attributed to the change of the weather; no passage from the powders. At half-past ten, pulse discovered increased quickness and force; no porter to-day. Pulv. rep. o. 2 h. donec alv. respond.

Drink, lemonade ; drank some breakfast-tea at 9 o'clock, which sat well on the stomach ; gave a dose of the P. aper. at 11 o'clock.

Evening. Fever lower ; skin moderate and somewhat moist ; had only one slight passage late this evening ; has suffered from headache ; pulse not so active.

19th. Rested pretty well ; the powders operated last night and this morning, and brought away nothing but bile ; pulse active to-day, and full ; lemonade for drink ; skin warmer, and feels more agreeable ; it is perspirable. Drank a large portion of breakfast-tea.

Evening. Skin cool ; pulse much reduced ; very weak ; has drunk a quart of lemonade in the course of the day ; half a cup of tea this evening ; has taken no other nourishment ; no passage since the morning. Directed porter to obviate the return of the ague, which may be expected, according to the best anticipations, about 12 o'clock to-night.

20th. Paroxysm either commenced, or was attended with slight nausea, and one puking this morning. At 2 o'clock, P.M., skin moist, and pulse with some increased action.

Evening. Half-past eight. Fever subsided ; pulse somewhat reduced ; skin agreeably soft ; moist slightly ; no passage since yesterday morning. P. aper. gr. l. Has always complained of weakness.

21st. Slept very badly, from a pain in the breast ; powder did not operate. Repeated the dose before breakfast, and afterwards gave three doses with Opj . in each, which began to operate at 5 o'clock ; it has operated twice in quick succession ; pulse contracted, and skin cool ; pulse diminished in quickness. Her weakness was such before the medicine began to operate, that she was compelled to drink some porter and water ; a fourth of the former to three-fourths of the latter, three times since 1 o'clock. Advised to go on with it *ad libitum* thus weakened, unless it increased the headache, and produced feverish sensations, as long as she pleased. Mrs. — was fearful lest the medicine should operate too much ; I told her it might be easily restrained by five or six doses of laudanum.

22d. She rested better last night, than since her fever commenced. The medicine yesterday only operated three times. In the evening, she ate, for the first time, a saucer of rice-milk. The fever is moderate ; she had no puking with its return ; pulse slightly quickened ; skin cool. At 2 o'clock recommended iced porteree ; at present, afraid of exciting her — 11 o'clock.

23d. Ate yesterday, a piece of a potato, with appetite ; this morning, a bit of muffin ; skin cool ; pulse moderate. Advised to take the bandage from the head ; she observed that when the head beat, it afforded her ease ; no passage. Cr. tart., Magnes. ãã . ʒss . in the course of the day ; to continue with rice-milk, and drink porter and lemonade, according to the state of the system ; did not rest quite

as well as the night before last, but better than the night before that.

24th. Sitting up this morning ; slept still better last night ; drunk lemonade all day yesterday ; headache troublesome till the evening at 9 o'clock. Took half a glass of porter, and only drank half a glass before, in the course of the day ; pulse quickened a little this morning ; but slightly, being her worse day in course ; third day since she had any alvine discharge. Directed Magnes. and Cr. tart. $\text{ãã. } \zeta\text{ss.}$, to be repeated at bedtime, if no passage, and to drink porteree or lemonade during the day. This is the twentieth day, calculating from the fever not being a relapse. She eats to-day, dried peaches stewed.

25th. No evacuation yet ; eats sufficiently, and took a cup of tea with biscuit, this morning ; had unpleasant dreams last night ; still headache ; she ate again some Irish potatoes yesterday ; pulse more active than for several days, though skin moderate. P. ap. c. $\zeta\text{i. statim. et rep. circiter meridiem}$; skin clear, and countenance paler.

26th. She sat up for some hours yesterday, and ate three potatoes ; had two passages, from the P. aper. ; complains a little of the head this morning, and she had a slight chill ; pulse too active, though she looks death-like. Directed lemonade and fruit ; no potatoes.

27th. Rested pretty well ; drank a glass of milk in the evening. Will take her porter to day, the fever being lower than for many days ; sitting up ; skin cool ; still some pain of head ; skin extremely sallow.

28th. No evacuation since the 25th ; chill very early this morning, with slight sickness ; fingers cold at 9 o'clock, though the skin was moist. Directed Magnes. $\zeta\text{ss.}$ and the same of Cr. tart. o. 2 h. ; beginning at noon, until full effect is produced.

29th. Amused herself yesterday with reading ; sitting up the latter part of the day. No evacuation since the 25th ; the three doses of Magnes. and Cr. tart. did not operate yesterday. Directed Ol. ricini, $\bar{\zeta}\text{i.}$ directly ; skin cool ; some headache ; pulse reduced, and not much more frequent than natural.

July 2d. Did not take the Castor oil, but yesterday directed two tea-spoonfuls of Cr. tart., and two tea-spoonfuls of salts ; which operated excessively, and made her as sick as if she had taken calomel ; this morning they still operated, and to-day, no sick stomach ; hands and skin cold at 10 o'clock ; pulse very little quickened ; medicine stopped early to-day.

3d. Pain in the back ; no headache ; pulse moderate. R. Serpentar., Chamom., $\text{ãã. } \bar{\zeta}\text{ij.}$, Aq. ¶i. Cap. $\bar{\zeta}\text{iss. o. } 2\text{dâ quâque horâ}$; skin cool. Snakeroot and Chamomile sat well on the stomach. Go on with it till 11 o'clock to-night. Drink sangaree ; eat sago.

4th. Accession of fever this morning ; cold feet till 11 o'clock ; some headache. Go on with Chamomile and Snakeroot.

Evening, at 5 o'clock. Fever subsided. Stopped the Serpen-

taria at 11 o'clock this morning. Directed it to be resumed at six. Ate a hearty dinner on soup and potatoes.

5th. Pulse too quick; costive. Go on with *Serpentaria*.

6th. R. Sal. A. $\bar{3}$ i.; Chamomile.

7th. Pulse reduced; had cramps last night. Took five doses of the solution. Go on with the infusion of *Serpentaria* and Chamomile.

8th. This worst day; but little fever.

10th. Was seized with an ague and cholera at 3 o'clock in the night. By 10 o'clock this morning, she had had seventeen passages; sinapisms were applied to the stomach and wrists; the puking was moderate; she brought up some bile twice; the pulse was sufficiently active, and the hands warm; the feet had been very cold. Directed nothing but toast and water, and wine and water, if necessary, in the course of the day, if there should be debility from the excess of evacuations; or laudanum, gtt. v.

Evening. Has puked several times again; brought up part of a potato, which she ate yesterday, and bile; and had since the morning, eight or ten alvine discharges; pulse good; sufficiently strong; skin warm; had the last passage an hour since; ate some panado tea joined with Madeira.

R. Opii, gtt. xv.

Magnes. $\bar{3}$ ss.

Ol. menth. gtt. ij.

M. et div. in ch. iij. Cap. unam o. 2dâ q. horâ si opus erit.

She had eaten yesterday, mush and molasses, stewed cherries, potatoes, beans, &c.,. This was the day for the chill in course. She was better than usual yesterday, and took the infusion of *Serpentaria* during the day.

11th. Slept pretty well; some headache; pulse rather quick. Cap. Colombo, gr. xv. 3tiâ quâque horâ. Took some of the opiate powders last night.

12th. Rested pretty well the early part of last night; took four Colombo doses yesterday; fever moderate; had no passage yesterday. Repeated the Colombo at 12 o'clock to-day, and directed three to be taken before bedtime. Should the first dose set uneasily upon the stomach, to join it with some calcined magnesia.

Evening. Took three doses without magnesia; fever lower; skin moist; pulse not much quickened; advised wine and water at bedtime, and to take a dose of Columbo early in the morning.

13th. Less fever than before; slept better. Cap. Colomb. gr. xv. o. 3 h.

14th. She was much better during the day yesterday, but the night was restless and feverish. She took four powders of Colombo; there was very little fever or headache this morning. Directed the Columbo to be repeated.

15th. She took four doses of Colombo yesterday. R. Magnes.,

Cr. tart. aa . ʒ iss. M. et div. in ch. iv. Last night she took one on going to bed; very costive since the cholera, and this morning repeated the dose; these two doses operated. Directed the Colombo at noon, and at bedtime; scarcely any fever this morning; ate some bread this morning, and coffee or tea.

16th. Earache from sitting up during heavy rain yesterday; pulse very little disturbed. Go on with the Colombo every three hours, unless the ear becomes more painful.

17th. Return of fever to-day, as usual; ate breakfast; took a dose of Colombo; first thought it gave her an appetite. Ordered a dose of Colombo at noon, unless the headache should increase. If it continued till the evening, the powder of Magnesia and Cremor tartar to be taken at bedtime, and repeated in the morning, omitting the Colombo.

19th. Very little fever this morning. Colombo repeated; allowed her to ride out this evening.

20th. Costive; tongue covered with a whitish and yellow deposit. Rep. Magnes. ʒ i., and Cr. tart. ʒ i.; 2 cort 3 vices, donec purg. et omit Colomb. Rides out.

26th. Rep. Magnes. and Cr. tart.

Aug. 2d. Has not been entirely free from headache since she was attacked with this continuant remittent. This morning she was attacked with vertigo, blindness, and nausea, attended with fever. I saw her late this evening; her skin was moist, and fever subsiding. Directed Calomel, gr. ij., at bedtime, and three tea-spoonfuls of salts in the morning.

3d. The Calomel did not operate; the salts moderately, three times. This evening, skin moist, and still some fever; impatient during the daylight; complained of her feet being cold.

4th. The fever rose after I left her last night. This morning, at twelve, it was in the state in which I found it last night; skin moist, and agreeably warm; her thirst last night was great; had a pain in the left side; she spit a little blood, or perhaps bloody mucus; has not pain in the side to-day; headache less; pain in the back was considerable last night; the pulse is moderate. Directed lemonade, and a tea-spoonful of Epsom salts in a wine-glassful of mint-water every two hours, till evacuations were produced. This is a tertian, and may be considered as a relapse or exacerbation of fever, which may not have entirely worn itself down. She has not been about for several days, but is not confined to her bed.

6th. Yesterday, headache, fever; no sick stomach with this relapse; last night, fever less than night before; epistaxis in the night; skin cool this morning; pulse but little quickened; tongue still foul. Directed one tea-spoonful of magnesia usta, and to eat stewed damsons, and drink lemonade; complains of great weakness; when I first entered the chamber, could hardly be heard; became more animated; had a passage this morning, and one yesterday morning; observed some borborygmi; headache less since the nose bled.

8th. She took yesterday two doses P. aper. c. ; had no passage till this morning ; that hard ; relieved her head ; still fever ; prostration of strength. P. aper. rep. noctê and manê, and merid.

9th. At 4 o'clock, no evacuation ; fever low ; pain in the left side ; thought herself worse. Directed a sinapism to the side.

Evening. The sinapism not applied ; the fever rising ; the skin, which had been moist, dry at present ; speaks louder ; ate some stewed peaches ; gave another powder, as she has had no passage ; pain in head ; between the shoulder and left side.

10th. Two passages this morning ; fever high all night ; lower this morning. Wine and water, and when the fever rose, lemonade. Side and head still painful.

Evening. Fever high to-day ; remitted this evening ; hysterical this morning ; laughing and crying ; two exacerbations daily.

11th. She rested better than usual last night, and this morning had a natural passage ; pulse somewhat accelerated, and rather full ; more cheerful ; ate, for the first time, a little bread, this morning. Those hysterical symptoms happening yesterday on the ninth day, may be considered favourable. Directed Cremor tartar drink to be used, beginning at 12 o'clock.

Evening. She has been suffering this evening, from a cough and pain in the right side ; stomach seems flatulent ; she eructates. The Cr. tart. drink has been used ; no evacuation ; she has eaten nothing since the morning, but a baked pear, and is allowed the juice of water-melon ; her pain has generally been in the left side. She has complained repeatedly of bitter taste. Directed a sinapism to be applied to the seat of pain, and when it began to draw, to give calomel, gr. ij. ; pulse reduced since the morning, but has still, more force, frequency, and perhaps fulness, than it ought to have ; sufficient, at any rate, to justify an attempt at evacuation ; low-spirited ; has been unable to turn herself in bed lately ; feels a heaviness about the head ; skin of agreeable temperature, and soft ; the fever, no doubt, is about to rise. She cannot speak to be distinctly heard ; this, though, is generally the case ; perhaps not so much as when the fever is at its height.

12th. She dozed frequently in the night ; the calomel produced no sickness till 7 o'clock this morning ; she then felt some nausea, and disposition to puke ; it operated once downwards ; the passage was as hard, as if she had not had an evacuation for a month ; her headache was great ; supposed, at the time, that the calomel disordered the stomach. Directed a tea-spoonful of Epsom salts in mint-water, at 9 o'clock, and to be repeated at twelve, if necessary ; pulse pretty active ; spits with more strength. The fever rose very high in the night ; has not declined very considerably this morning. Drinks balm tea.

Evening. Had two or three additional passages from three doses of the salts, the two first not operating ; coughs still ; pulse less active at 5 o'clock, and fever less than for several days ; no

appetite; has only eaten a peach to-day. Directed barley-water for her drink.

13th. Fever high at noon; declined this evening; lived on peaches exclusively to-day; ate ice, and drank iced lemonade; appears stronger, though she still complains of her back and side.

14th. No appetite for any thing but fruit; directed lemonade, and some rice seasoned with a little wine and sago. At twelve, the fever moderate; pulse of good strength, and moderate quickness; cough less; pain of side still, extending to the back; skin much clearer; eyes have, in a great measure, lost their yellow tint; speaks to be heard distinctly, and enters into cheerful conversation; no evacuation.

Evening. Fever rose after I saw her at twelve; it has declined this evening; the pain does not interfere with her lying on either side. R. Pil. cal. gr. ij. hor. x. sumend. et Sal. A. ut antea cras.

15th. The calomel was not given till 11 o'clock last night; she has taken three doses of the salts without effect. Now, 2 o'clock. Fever risen, some cough and pain of side, and slight nausea. Directed the salts to be repeated at 4 o'clock, if necessary; has eaten two peaches; drank balm-tea, and eaten some sweet orange.

Evening. Calomel and salts only operated twice very moderately; fever lower, as usual; no appetite for anything but fruit.

16th. Rested better than usual; less cough; pain of side and fever this morning; fever now rises later in the day and night. For the first time she is sitting propt in bed.

17th. No fever at 10 or 11 o'clock.

19th. Fever lower last night; clear this morning at 11 o'clock; pain in the back of the neck last night; went off spontaneously; eats fruit, damsons stewed, peaches and milk; no passage for three days. Infus. cham. \bar{i} . Sal. A. $\bar{\text{z}}$ i. ad Aq. $\bar{\text{z}}$ xij. Cap. $\bar{\text{z}}$ iss. 3tiâ quâque horâ donec alveus respondend. Still in bed propt up.

20th. Finished the ounce of salts this morning before they operated. Saw her for the first time to-day at 4 o'clock, and found her skin moist, and pulse soft, with very little quickness; fever going off, which she had this morning; no complaint scarcely, but of weakness.

22d. Sitting up without fever; costive. Directed the salts and chamomile to-night, and to-morrow morning $\bar{\text{z}}$ iss. 3tiâ quâque horâ; coughs and expectorates; face pale.

Sept. 1st. Rode out, for the first time; have not visited her for some days till this evening; found her down stairs. She enjoyed very good appetite for animal food, salt meat particularly; but I directed the latter to be used moderately. 1822.

CASE. A boy. Sept. 6th. Taken with a chill.

7th. Ipecac. $\bar{\text{z}}$ ss.

Evening. Calomel, gr. iv. Fever all night, and sleepless.

8th. Ol. ricini. At noon conversed; began to sleep at one. He had three or four passages — one, the last, very large and bilious

after the fit. At 2 o'clock, showed much agitation, and was put into the bath; sinapisms to the feet, but did not affect him. At half-past four spoke; sleep at six.

9th. No fit last night; could get him to take no food, no drink. This morning took two table-spoonfuls of tea and a little bread. Awake sometimes and crying out for food; talks wildly this evening; at night drank some tea; spoke more rationally; would take no medicine this morning. Gave him a glyster, which operated slightly; no fit to-day. To-night, universal sweat; fever lower; just before 7 o'clock pulse fuller than usual; sleeps more quietly; stayed with him last night; he would scream out and cry occasionally, but would again slumber.

10th. Mind more clear; has taken a little tea; and always calls for baked chicken when he wakes; skin moist this evening; pulse rather feeble — this morning, at 11 o'clock, full; his face frequently flushed, and afterwards becoming pale; no passage since the glyster; sleep constantly; posture natural; fever rises at least three times in twenty-four hours; no spasmodic or nervous twitchings. Cap. Cal. gr. iij.

11th. Slept more than before fever — very high all night, and skin hot; fever, at 7 o'clock this morning, had not gone off; the calomel had not operated. She took two tea-spoonfuls of castor oil in molasses, which operated in a short time, and brought away a very large, bilious, high-coloured passage, some of it greenish — he was very pale after it. The face did not begin to subside till 2 or 3 o'clock. Between 3 and 4 o'clock had another passage of a pale hue, which appeared to be the simple contents only of the bowels. There was a little curdled milk with it, perhaps, too, the little remains of the castor oil. The skin became then more generally moist than yesterday, when the moisture was confined to the head and face; but this evening it extended down the thighs. Although he would talk to the children very sensibly, he would occasionally call out, in a delirious way, "Aunt Peggy" — one of the coloured women in the family.

12th. Rested all night; ate some breakfast this morning; fever rising; no more evacuations yesterday; had only two from the calomel and oil; carotid arteries very active; fever not very high to-day; subsided to-day, and lapsed into a sound sleep.

13th. Rested well all night; Mr. — thinks he had no fever in the night; it ought to have risen early this morning, but the skin was moist; appetite returned; no passage.

Evening. Has had very little fever all this day; has been wanting to eat constantly, but eats little.

14th. Rested all night; appetite great; no passage. Directed Ol. ricini, ℥iij. at 1 o'clock; very little fever.

Evening. His mother thinks he has had no fever to-day; to-night he is perfectly clear; the oil has operated three times (it is now 7 o'clock), the first hard and difficultly voided, the second greenish, and the third mucous, and attended with pain. Directed spiri-

tuous fomentations to the belly if it continues. He is fretful, and has been all day: he tries to find something on which to vent it.

15th. No fear to-day; appetite not so inordinate; not so fretful; has walked a little with vacillation; eat no animal food, which I prohibited, but bread and molasses, and the yolk of an egg which he ate yesterday also; may now be considered convalescent. Bilious fever with determination to head.

CASE. Miss. —, a child, Oct. 21st, taken with a chill after breakfast; the fever went off in the course of the night by perspiration.

22d. One grain of tartar diffused in six table-spoonfuls of water; one every fifteen minutes till it operates; it took the whole; puked her twice, and salivated her at least two hours before the emetic effect was produced.

23d. This morning, after breakfast, an indistinct chill; fever and stupor with cold toes all day; senses returned at nine at night, with developed excitement; gave Calomel, gr. iv.

24th. At five this morning, Jalap, ℞ss., Cr. tart. ℞i. In a few minutes a full dark passage, and several afterwards; she rose in the morning as usual, and dressed; up all day; one dose of bark at four.

25th. Fever came on at nine last night; sweated in the night; lowered this morning, and recommenced at ten with a chill; stupor all day, but slept more; yesterday she appeared to try to sleep — she would open her eyes frequently, and shut them again; no tremors to-day; no passage since yesterday; drank lemonade all day; excitement more developed to-day; toes not so long cold; at nine completely developed; then gave Cal. gr. iv.

26th. This morning calomel operated five times; stools dark. Gave Jalap, ℞ss., Cr. tart. ℞i. No sweat yet.

Noon. The jalap has griped much, and brought away small passage of bilious mucus; she feels pain in the bowels before and after the passage. No appetite for any thing but lemonade, which I give her.

Evening. Appetite returned; eat corn-bread, which she craved; excessively reduced; had another dark, bilious, mucous passage this afternoon.

27th. Chill and fever this morning.

Evening. Very restless till late; face after 8 o'clock pale, and pulse reduced; restlessness continued till eleven; slept well afterwards; scarcely any fever during the night, though no perspiration.

28th. Tongue clear; two passages this morning, dark and figured, from eating preserved cherries yesterday; skin cool; pulse feeble and as slow as natural; in a proper state for bark, but will not take it. Eat turkey for dinner; drank a little sangaree at 11 o'clock.

Evening. Rise of fever at 6 o'clock; face flushed and feet cold.

29th. Slight fever last night, and rested very well; none early this morning, or very little; came on as usual about nine or ten; a great desire for animal food to-day.

Evening. Face paler than it usually is at 7 o'clock; pulse less excited; skin cooler.

30th. Very little fever last night; a good figured passage, and it is nearly dark; she is up and dressed.

Evening. Face flushed; eat meat at dinner; not much fever to-night; throws off the bed-clothes; one blanket sufficient, and she rests better under it than two.

31st. Rested well, with scarcely any fever; her natural appetite in the morning; no fever to-day; appetite much increased; she ate a chicken for her dinner; has had two consistent passages, from, perhaps, eating dried cherries. Convalescent.

CASE. Miss. —. Anomalous bilious fever, or *Synochus Urticaria*.

Aug. 16th. Pain in head; sick stomach; loss of speech; cramp and spasm of the hands; cold extremities. Has complained for some time of pain in the right shoulder, and had bilious puking in the morning, and numbness of left arm. Took Cal. gr. iij. last night, and salts this morning: they operated well, and she felt better; suddenly, at 2 o'clock, she was taken as above. Applied sinapisms to wrists, ankles, epigastrium, and neck. They were removed as they were applied, in succession, and brought her to her speech; puking, evacuation and thirst then came on; pulse very nearly natural; had a passage during the puking about 6 o'clock this evening. She has taken, for a week past, small doses of calomel alt. nocte et Sal. A. sequend. manè, at 7 o'clock. Applied blisters to stomach and right hypochondrium.

17th. Blister drew well, and she rested, but headache and sick stomach still; no passage. Cap. P. jal. c. ʒss.

Afternoon. The powder operated three or four times; passages dark-yellow; left side of the head or temple seems to be the seat of great pain; stomach very sick; has retched to puke several times; countenance better, more natural, less pale; the pain in the left side continues, which she has had for some time; pain in the right shoulder not felt; scarcely sensible of numbness in the left arm, but she dreads its return; thirst great; pulse natural; speech perfect; skin dry and warm generally.

Evening. They inform me that she has had a nap of sleep, and they think her a little better. Cap. Cal. gr. v.; before she has generally had gr. iij.

18th. Puking and sick stomach stopped last night; she rested pretty well; calomel did not operate; skin covered with warm perspiration in the night; does not complain of the head this morning; says she is better.

Evening. Skin hot; headache and sick stomach, but so much slighter than the day before yesterday, that nothing to relieve was used. Purge operated well.

19th. Did not rest well; head and stomach still affected, but pulse little; skin rather warmer than natural.

Evening. In a general warm perspiration; head much less affected; has some little sickness of stomach; has felt very little of the numbness of the left arm, but once or twice a pricking sensation. The jalap operated very well. Cap. Cal. gr. iij. noctê.

20th. Calomel has not operated; stomach still sick. Cap. P. c. ʒss. Perspiration this evening again; has had some fever to-day; head and stomach more easy, and she has been engaged in cheerful conversation.

21st. Rested better last night, but she felt the pain in the top of the shoulder; complains very little of the head or stomach; pulse rather smaller. Cap. P. c. ʒss.

Evening. Purge operated well; no perspiration this evening; pulse somewhat loose. Cap. Cal. gr. iij. h. s.

22d. Better in every respect. Rep. P. jal. c.

Evening. Purge operated well; continues to mend; no fever; skin natural.

23d. No pain of head, but it feels composed; when she went to take her P. jal. c. complained of swimming in the head; stomach very slightly sick; pulse nearly natural.

Evening. She was taken with a return of puking, headache, and pain in the shoulder, from eating two broiled birds. I saw her at 2 o'clock, when she had got relieved by discharging them; her purge this morning operated well. Rep. Cal. gr. iij. h. s.

24th. Had fever last night; skin and pulse excited this morning; slept well. P. jal. c. ʒss.

Evening. Much better; skin moist; fever low; sitting up in bed; ate milk and peaches; felt very differently after this diet, from the broiled birds.

25th. A little headache and sick stomach this morning; she rested well; skin open. Cap. P. jal. c. ʒss.

Evening. Sick stomach and headache again, and fever; perspiration this evening, but rather quick pulse; eat her milk and peaches, with an appetite. Cap. Cal. gr. iij. h. s.

26th. P. c. ʒss. this morning.

Evening. Operated well; begins to have a good appetite; has had less sick stomach to-day; no fever scarcely this evening; skin moist.

27th. Fever rose last night: skin hot and dry this morning; face more sallow; head more affected. P. c. ʒss.; fever off this evening; feet cold and with headache. Pil. cal. gr. iij.

28th. Headache still but slight; slept well. P. jal. c. ʒss.

Evening. No fever; great appetite, which she did not indulge; face of better colour. Cap. Cal. gr. iij. h. s.

- 29th. Still headache, and some sick stomach and fever. P. jalap. c. ζ ss.
- Evening. Headache and fever slight, and no sweat.
- 30th. Headache and fever. Epsom salts, ζ i.
- Evening. Did not operate. Cap. Cal. gr. iij. h. s.
- 31st. P. j. c. ζ ss. Still headache, left side chiefly, and sick stomach.
- Sept. 1st. Well.
- 2d. Headache and pain in shoulder. P. j. c. ζ ss. this morning.
- Evening. Headache still, but sitting up as usual.
- 3d. Headache and blindness from knitting. Cap. Cal. gr. iij. h. s. and Sal. A. manê.
- 5th. Her medicine operated very slightly. Directed a dose of salts to-morrow morning. 1825.

CASE. A boy, æt. 5. Anomalous Intermittent. August 18th. Chill at breakfast. Saw him at eleven; great irritation; toothache; then swimming of head; then pain of shoulder; then pain in back, and tooth easy; left him on the floor crying, and sweating all over; pulse small.

Evening. Universal sweat; quite clear of fever; in a sound sleep. Directed Cal. gr. iv. if he should awake.

19th. At 1 o'clock in the night gave the calomel; up and at play at 6 o'clock, this morning; gave three tea-spoonfuls of salts, which were rejected three times; lively all day; operated slightly till this evening, when he had a good passage. Directed two tea-spoonfuls at 10 o'clock to-night, in order to render the febrile paroxysms less violent to-morrow, and to obviate any disposition to salivation, as his skin for two nights has been covered with sweat.

20th. Gave the salts at 12 o'clock at night; operated twice; without fever, at a quarter before seven this morning. At 10 o'clock ague; in a sweat at half-past one, and fever appeared to decline; his suffering quite inconsiderable; he slept soundly while I staid with him; he ate a hearty breakfast; from the mildness of the symptoms we may give him a favourable prognosis as to its speedy and happy termination.

21st. Has taken Sandford's bark, gr. iij. four times to-day.

22d. Expects ague at 10 o'clock. Gave a dose at six, and directed another at eight. His ague came on at seven instead of 10 o'clock; fever very high; cheeks spotted about the size of half a dollar, red; headache; ague off with great perspiration before dinner; ate no breakfast, but dined with appetite on lamb; had a darkish passage before breakfast, and two since sunset; the bark appeared in one; this evening lively and active. Directed a dose of bark to-morrow morning at six.

23d. His mother supposes he had fever last night.

24th. Slight chill at half-past nine.

Evening. Fever; cough; abdominal pain; toothache. Cal. gr. iij. h. s.

25th. Cough prevented sleep last night; high fever; took salts this morning; neither have operated; now, 7 o'clock, lying on his belly with pain there; skin hot and dry; pulse active; cough dry and troublesome.

Evening. Fever all day; cough not so troublesome last evening; took three doses of salts, two tea-spoonfuls at a time; gave him one or two copious bilious discharges from the bowels. Running about this evening; but complaining now and then of pain about the navel.

26th. Slight chill and fever this morning; cough still; pain in belly; slight passage this morning. Cap. Cal. gr. iij. h. s.

27th. Rested well; less pain in belly; Epsom salts, \bar{z} ij. operated twice. Directed it to be repeated at 10 o'clock; slightly feverish.

Evening. Calomel and salts operated extremely well, and brought away a great deal of bile; which has relieved the bowels and cough.

28th. Sleeps badly; fever rose at eight or nine at night; sweated very much. Ague this morning at eight; sweated at two.

Evening. Had his decayed tooth extracted; very little fever; only one passage to-day. Cap. Cal. gr. iij.

29th. Rested badly; high fever all night; pulse a little quick, but skin cool. Sal. A.

Evening. Very little fever; salts operated well, and the calomel once.

30th. Slightly feverish. Liniment. t. op. ol. oliv. and Sp. camphoræ, to rub the swelling under the jaw.

Evening. I did not use it; seems to complain of nothing but the jaw — smells offensively. To promote absorption, directed Epsom salts.

31st. Fever to day; swelling subsided. 1825.

CASE. Mrs. —, æt. 40. Intermittent with hæmoptysis. Ague on the 9th of August; it returned on the eleventh: on the twelfth in the evening, being in company with her friends, in good spirits, was seized with a cough and spitting of blood. I was sent for immediately, and at half-past seven in the evening took \bar{z} xii. of blood from the arm.

13th. Her spitting stopped last night in a very short time after the venesection. This morning, at 10 o'clock, she had a return of the ague, and I gave her early, a dose of salts, which operated well; she has puked frequently, and whatever she drinks, she rejects from the stomach; her face is flushed, and pulse full and frequent. The pulse last night was lessened in frequency by the venesection. She complains of pain in the head and left side; this pain she has frequently experienced lately, and likewise before it was in the left, she had felt it in the right. Directed nothing but cool drink. No blood has been ejected from the lungs since she puked, although the excitement has been increased; she complains of her

head, and is despondent apparently, perhaps really; her face is suffused; no circumscribed hectic spot.

14th. Rested well and sweated freely; by which she was much relieved; pulse but little excited; skin soft; in good spirits.

Evening. Has a desire for raw oysters; pain of side, flatters herself, easier, it has been in the right side; fever gone; cheerful.

15th. The ague came on last night, instead of this morning at half-past seven; she had a sleepless night; has complained of much headache to-day, but her side has been comparatively easy; she says so perhaps, though, from the fear of a blister. Cal. gr. v. nocte. She has had some evacuations from drinking tamarind-water. Directed two tea-spoonfuls of salts to-morrow morning. Face rather pale.

16th. Her calomel has operated four times; she is much better.

Evening. She feels much relieved; side easy; skin moist; some remains of fever still; her medicine has operated well.

17th. Ague last night at same hour, as on the fourteenth, but it was short; she has suffered much to-day with the side of the head; fever high. Cal. gr. iij. h. s., and salts manê.

19th. Ague last evening; fever this evening; passed a bad day; slight return of spitting of blood. Cap. Cal. gr. iij. nocte, and salts.

20th. Quite clear of fever. She has had, she says, a slight return of spitting of blood. Directed a tea-spoonful of bark every two hours, till 6 o'clock, if neither head nor stomach was oppressed by it. Her skin is sallow to-day, for the first time; her medicine has operated well.

21st. The chill was very slight last night; she had a very good night; fever low this morning; slight moisture on the surface. Salts, ʒij., and repeat if necessary. She coughs this morning continually, but, she says, the side is easy.

Evening. Some little excitement to-day; very little fever this evening; face less yellow; cough not increased.

22d. Still fever; slept well. Salts, ʒij.; no appetite.

Evening. Did not take salts; some fever at 6 o'clock.

23d. No chill last night; some fever this morning; to take salts.

24th. Slight degree of fever and cough.

25th. No chill yesterday evening; fever high all night; some remains this morning; thought she had a mouse in bed. Salts statim.

26th. Did not take the salts yesterday; no fever this morning; appetite good. Directed spare diet.

July 20th. Several cases of tertian fever, with chilly accessions, amounting to ague; in the first paroxysms, cured by giving, on the evening of the day of the paroxysm, eight grains of calomel, and the following morning P. jalap. c. ʒi.; and reducing the doses of the calomel every other evening to five and six grains; and if

it continued to the fourth paroxysm, calomel to gr. ij. and a little salts the next morning. One among the first, was attended with urticaria, great irritability of stomach, puking, and headache; the appetite was good when the fever disappeared, and no bark or other tonic was necessary. The liver out of order, and the passages in the first fevers were dark, and the pain in the back, which has been a striking symptom, yielded gradually to the improvement in appearance of the alvine discharges. 1824.

Fevers in a family. CASE 1st. — The baby, July 31st. Fever at 12 o'clock. Calomel.

August 1st. Very little fever; slept badly; medicine operated; sick stomach; gave it cold water this morning; warm cloths to abdomen. Fever commenced on 29th of July, though taken probably the day before.

2d. Cal. at night.

3d. Oil. Chill at 9 o'clock.

Evening. Very little fever, $\frac{1}{4}$ gr. Quinine, manê.

4th. Took $\frac{1}{4}$ gr. Quinine early; playful afterwards; chill at 10 o'clock. Quinine at bedtime, and early in the morning.

5th. Missed ague, but fever; bowels open; passages not so green.

6th. No chill or fever.

CASE 2d. Miss. —, a child, Aug. 1st. Fever this morning early; rose in the night; at seven medicine had not operated. Taken the 25th, perhaps the 23d of July; gave her cold water this morning.

2d. Calomel at night.

3d. Oil.

Evening. Very little fever; $\frac{1}{4}$ gr. Quinine, mane.

4th. Rain last night, and great change in the weather this morning; thermometer 73 degrees. Seized with cough and soreness of breast, probably. R. Sp. camphoræ, \mathfrak{z} ij., Ol. oliv. \mathfrak{z} ss. M. Applied a flannel to breast. At ten, Ipecac. gr. iij., and in fifteen minutes after, gr. xv. more; operated well, and relieved the cough.

5th. Cough very much relieved; bowels open.

6th. Now and then coughs and cries; bowels open; two passages to-day; chill and fever this afternoon. Calomel, gr. ij. h. s. and oil mane; the chill came on with much coughing, just before dinner. The emetic on the 11th, seemed to arrest the fever till to-day.

7th. The fever subsided at 9 o'clock last night, with perspiration. But this morning the skin is warm; hands hot; forehead a little damp; neither the oil or calomel had operated at 8 o'clock. She had been sick at the stomach, and threw up some mucus, but retained the oil. There must have been a rise of fever in the night; mucus rattled in the throat last night; but she coughed less, and has coughed less this morning also.

Evening. Cough lessened; had only one large passage from the medicine; skin hot and dry this evening; perhaps a rise of fever.

8th. Slept well, and did not cough during the night; fever subsided before bedtime; cough loose this morning. In order to obviate the return of the paroxysm coming on about dinner-time, give $\frac{1}{4}$ gr. Quinine now, 7 o'clock, and at ten.

3 o'clock. Ague distinct at two; lasted perhaps an hour; quinine did not suppress the expectoration or increase the cough; has had a passage and return of appetite; ate a bun, or small roll.

Evening, 7 o'clock. Very little fever; skin moist.

9th. The fever was unabated at ten last night; when I saw her this morning, it had not gone off; but there was a considerable remission; skin moist, and very little heat about the head; pulse pretty active. She coughed more than usual.

Evening. Coughs much; loosely; at seven this evening, taking tea and biscuit heartily; skin very moist, but pulse and temperature denote some fever. In order to stop the chill to-morrow, give $\frac{1}{2}$ gr. of Quinine at ten, and then early in the morning.

10th. Quinine was given at twelve, midnight, and early this morning, and at ten, but not well taken; slightest chill imaginable at one, or thereabouts; coughed then several times; her cough thought to lessen every day; had a passage this morning; general perspiration, and very talkative, and ate some bread at 5 o'clock.

11th. Slept well; did not cough, of course; no rise of fever; mind tranquil; skin natural; no sweat about it; nose bled a few drops this morning.

Evening. No rise of fever to-day; convalescent; (too fast probably;) she has coughed several times late this evening.

12th. Rested all night; skin warm this morning, but is eating her breakfast. At twelve, chill; at half-past two, generally perspiration; sleeping sweetly. At seven, skin rather warm; she had eaten a small bun, and an orange; bowels in a good state.

13th. Fever very high last night; low, or off this morning; ventured at $\frac{1}{2}$ gr. Quinine this morning; to give another to-night, and another in the morning.

Evening. Appetite good; skin rather warm; has not slept to-day, and is very fretful.

14th. Slept all night; took two doses quinine this morning; ague at half-past ten; fever short.

15th. Rested well; very little fever-heat; directed a dose of quinine this morning.

Evening. No fever; much better; rode out; quinine at bedtime, and in the morning.

18th. Well.

CASE 3d. Miss —, a child, August 17th. Had an attack in the early part of the month. Calomel last night; chill at eleven.

18th. Cough; ague at 8 A.M. Bowels pained; relieved, after having three or four green passages. Cal. gr. ij. h. s. and Ol. ric. manê.

19th. No fever this morning; chill at 11 o'clock.

Evening. General perspiration.

20th. Green passages this morning; rested well; no fever; chill at half-past seven. Cal. h. s.

21st. Fell out of bed this morning; no passage from oil or calomel, at 8 o'clock. Directed more oil.

Evening. Chill at ten; hardly perceptible; only cold nose; fever short; eighth day.

22d. Chill at seven.

Evening. Quinine $\frac{1}{4}$ gr., and rep. at 5 A.M. Bowels better; stools changed.

23d. No fever; took the two doses.

Evening. Chill at nine; $\frac{1}{4}$ gr. Quinine at 10 P.M., and at 4 A.M.

24th. Took the quinine; a green passage this morning; very playful.

Evening. Missed chill; sprightly; well. 1824.

Mrs. ——. Taken the 10th of April, and continued with symptoms of pain in the stomach, which she considered colic, till the 12th, on the evening of which she sent for something to relieve the pain. I prescribed magnesia and peppermint-water.

13th. Pil cal. and Sal. A. at 2 P.M.

14th. Did not operate well. R. Sal. A. $\bar{3}$ i.; Aq. menth. $\bar{3}$ iv.; Cap. dim. et alt. in duo hor. si op.

15th. The salts operated well, and brought away large black passages. She said she was griped last night, and was in great pain during the night, but slept rather better than for two nights past. There must have been some rise of fever. A sinapism was applied to the stomach, which gave temporary ease. This morning, face flushed; sore and foul tongue; feet cold; pain in head, and pit of stomach, and back; pulse less quick, rather soft. Cal. gr. ij. Stomach feels empty, but no desire for food. Excessive weakness about the arms.

2 o'clock. Has brought up a little blood yesterday and to-day; suppose from the fauces; she says she has a little cough: I did not observe it. The pill operated once. At 1 o'clock took two tea-spoonfuls of salts, which also has operated once; pulse quickened; fever rose at noon; feels easier.

16th. Cough and expectoration this morning; pain in the side; chill. Rested in the forepart of last night; felt much better early this morning: now gaping. Bottle of warm water to the side.

Evening. Fever quite low; pulse soft, and less quick; took milk and water tea for supper and breakfast; with toast and asparagus for dinner; ate an orange; can lie easiest on the right side; four passages to-day; suppose from the two tea-spoonfuls of salts taken yesterday afternoon. Directed some magnesia to be taken, if she felt any indisposition of stomach.

17th. No fever this morning; appetite returned; milk and water tea for breakfast, and lamb and asparagus for dinner; bowels

open. This evening, skin a little warm, and pulse slightly accelerated; more cheerful. The disease, whether tertian ague, or fever from irritation, seems to have terminated by the bowels, and not by the skin; having no perspiration. Convalescent. 1824.

CASE. Mr. —, September 10th. Fifth day of bilious remittent, attended with headache and stupor; yesterday up, and shaved himself. To-day, some fever in the morning, attended with delirium, violent headache, and suffusion of the eyes. A pound of blood was taken; headache relieved. Saw him this evening; pulse quick at 4 o'clock; by five, reduced in frequency and force; no headache.

11th. Fever must have risen in the night. This morning, pulse active at 7 o'clock; two hours after was nearly off.

Evening. This evening at five very considerable exacerbation; pulse full, quick, strong. Blood drawn yesterday much buffed, and very little serum. At 9 o'clock gave P. jal. com. ζ iss. He took last night eight grains of calomel, and this morning early P. jal. com. ζ i. He has taken every other night a dose of salts; it operated badly on the ninth.

12th. *Medicine has not operated.* High fever at night; pulse active this morning, full and agitated; no headache; saw him at seven. Directed nothing.

Evening. Took two glysters this morning without effect. At 7 o'clock to-night another after the application of a sinapism to the belly, which did not irritate in the least, though it was very strong. This glyster brought away a large passage. Pulse reduced, and skin in a general perspiration; some reduction of fever night before last; no headache to-day; indeed, has complained of nothing, and has lain on his back in a torpid state; said his belly was uneasy just before the injection; immense thirst to-day; drank two quarts of lemonade.

13th. Much perspiration last night; some feverish action in the pulse this morning. Took half a cup of tea, and a little bread. Directed one grain of sulphate of quinine, to be washed down with solution of Epsom salts, ζ i. every two hours.

Evening. The medicine operated all day; took four doses; exacerbation at 3 o'clock; pulse full and vibrating at 7 o'clock; no headache, but head not right as to its feelings.

14th. Fever at 3 o'clock, A.M.; fever higher and pulse fuller at 7 P.M. Three good passages to-day, which he supposes were from the bark yesterday.

15th. Bark, or quinine with salts, and quinine alone alternately every two hours since yesterday. Slept all night, though fever not off; not till one did the medicine operate, and rapidly. Pulse to-night too active to give the quinine.

16th. The medicine, although only four doses were taken of the quinine and two only with salts, operated again in the night, and once only this morning well; pulse full, quick, and flirting; slept all night.

Evening. Vibratory pulse; strength much increased; no medicine to-day; usual diet. 1827.

CASE. A boy, æt. 10. Tertian fever with urticaria. May 5th. Was taken last night with an ague and the nettle-rash just before it. This morning at 12 o'clock, found him with headache, white tongue, and drowsy; pulse very little altered from the healthy state. Cap. Cal. gr. v.; and about three, Pulv. jal. comp. ℥ij.

Evening. Called at 6 o'clock. The jalap and cremor tartar had just puked him, and brought up bile; the drowsiness vanished; heat of skin moderate, and pulse very little disturbed; nausea gone, and he felt as if the medicine would work downwards. Directed Ol. ric. ℥ss., or Sal. A. ℥ss., at 8 o'clock, if it should fail. There has been no appearance of rash since I saw him: it was violent yesterday evening.

6th. No return of rash; medicine operated well; very little fever; at 6 o'clock sitting up and dressed; has felt pain in the right hypochondrium during the day; the rash has again appeared; ate chicken-soup for dinner.

7th. Instead of last night, had his ague this morning early. I saw him at ten. Complained of headache; pain in side gone, and also the rash; pulse not much quickened; feet warm, and warmth general; not so drowsy as in the fever the day before yesterday; no passage since the purge; tongue has a bilious deposit. Ordered lemonade.

Evening. Has no headache or pain in the side; pulse much fuller; no perspiration; no rash; has eaten nothing; wished to have a glass of milk; gave him some milk and water. Directed Cal. gr. ix. at 9 o'clock, and P. jal. comp. at an early hour to-morrow morning.

8th. Calomel operated once, and the powder twice, by 9 o'clock; headache and pain of side gone, and fever almost gone.

Evening. The medicine has operated still more; has eaten some milk and strawberries; very little fever.

9th. No ague this morning; no fever at half-past eight or nine; he has had no fever to-day, and I have not discovered the least perspiration during his indisposition; he had a passage this morning; has eaten for his dinner, strawberries and milk. Convalescent. 1827.

CASE. A boy, aged six. July 23d. Eat no dinner; symptoms of fever commenced.

24th. Castor oil, at 12 o'clock; salts and cremor tartar; two large evacuations.

Evening. Quite well.

25th. Quite well until the chill at 11 o'clock. Calomel at night.

26th. Castor oil. Three passages in the morning, and one in the evening; at night skin moist; took something.

27th. Cold at 7 o'clock; chill the same, though it lasted some

time; a member of the family said it came on later; eat nothing all day, till half-past three, when he eat a little custard; comatose all day; perspiration general at half-past three. At eight, at night, pulse full, soft, and not frequent; considerable nausea; skin of good temperature; no headache to-day, but pain in the back; no puking; a sick stomach to-day. At 9 P.M. $\frac{1}{2}$ gr. of quinine with salts, \mathfrak{z} j.; and repeat both, if no evacuation at twelve; if the first dose purge, give the quinine plain; no passage to-day.

28th. A passage or two. At six $\frac{1}{2}$ gr. of quinine in \mathfrak{z} i. of salts; at nine $\frac{1}{2}$ gr. given: at eleven no passage; gave $\frac{1}{2}$ gr. of quinine with salts; produced a passage; at three, $\frac{1}{2}$ gr. quinine; no coma; skin moist; some very slight quickness of pulse; clothes on; lively; I think no fever; ate breakfast. Took last night, at twelve, $\frac{1}{2}$ gr. quinine, having no passage.

Evening. Has had three passages this evening.

Fever ought to come on to-night, to remit in the morning, and the ague to come on between ten and eleven to-morrow, and fever to go off to-morrow evening.

29th. Well; no fever last night; no ague this morning. 1827.

CASE. Mr. —, Sept. 19th. Feverish yesterday, and he tried to subdue his sensations by work. This morning, two hours before day, a chill. Met him in the street at 8 o'clock, and advised physic. At half-past eight, Cal. gr. x. At two, P. jal. com. \mathfrak{z} i. After excessive sickness and restlessness, operated four times by 5 o'clock; had puked green bile just before five, and took a glass of warm water to discharge it; wished to take more purgative medicine; says he felt a fulness about the stomach; dissuaded him from it, and advised a glyster if necessary; his back extremely painful; had pains in his feet; perspiration profuse; sweated through his flannel and linen shirt, and was covered in a blanket four double, though still complaining of feeling chilly. As I was obliged to go to the Convocation at College, left him. The first passage which he had was very copious.

20th. Had disturbed sleep last night; pulse fuller this morning; wind rumbling about the bowels, and slight pains shifting about the stomach, chest, &c. Directed Ol. ric. ij. in \mathfrak{z} i. of fennel tea, to be injected this morning.

Evening. The injection, he says, had a fine effect; he is abroad, with little if any fever.

At seven, an ague, in which he took six grains of calomel, and in the night a dose of salts.

21st. Colic all day with borborygmi. Five glysters, and several mustard poultices, and general warm bath. Directed Cal. gr. x. at eight, and P. jal. c. \mathfrak{z} i. in the morning. He has nausea with the pain, but can turn from side to side; fever low, and now and then gets into perspiration; he suffered much with pain in the back, which was relieved by a very large mustard poultice, which I applied across the stomach, from the right to the left hypochon-

drium; it put him to sleep for some minutes; he had no sleep last night.

22d. He got to sleep before the calomel was taken, indeed as soon as the perspiration appeared on the skin; he still has fever this morning; calomel did not operate; purge has twice; as soon as it begins to act on the bowels, there is a gurgling; pain and sickness gone; slept all night.

Evening. Medicine operated finely; chill at twelve, instead of seven, to-night; face flushed; no intestinal pain, but complains of his feet being painful; face much flushed.

23d. No sleep last night; in a state of great wretchedness this morning for the want of it; face lost its fulness and redness, but is sallow or yellow; says he is in pain, but I suspect he is not; he passes wind downwards very freely, and eructates occasionally, with a slight disposition to puke; pulse stringy, flirting, quick. Ordered a mint julep, a large sinapism to the stomach, and the room to be darkened.

Evening. Restlessness continued during the morning, and from present appearances, there has been an exacerbation of fever. At five this evening, general perspiration with great relief. Cap. Cal. gr. x. noctê, et manê P. jal. comp. ʒi.

24th. Rested pretty well last night; medicine had at eleven operated six times; felt some sensations of chill, earlier than the day before yesterday; puked some dark green bile, almost black, after taking some balm tea; wished to drink cold water, but advised warm drink to quench the thirst, as the ague was expected. Directed a sinapism to the stomach, to relieve the symptoms of ague. He urged me to give him laudanum to-night, to procure sleep and obviate the vigilance and restlessness suffered night before last; he complained of his head; pulse nearly natural; probably this is sympathetic.

Evening. Headache increased; no sweat.

25th. So restless, that he took a dose of laudanum — twenty-five drops, I believe, in the night; at ten this morning, felt quiet; head still aches; pulse full and soft.

Evening. Has been in a general perspiration since 2 o'clock; has had a slight passage to-day, and has passed a great deal of wind; pulse slower and full; head only a little dull. Cal. gr. viij. Jal. and Cr. tart. rep. ut antea.

26th. Rested well last night, and sweated profusely, which continued till this morning. Headache this morning, which was not relieved till the physic operated; he now feels none; the pulse still rather full and quick, though the physic has operated five times: after operating three times, he puked freely green bile, very dark; complains himself of very offensive breath; I have not been sensible of it; tongue whitish, not foul.

Evening. Feels better; pulse full and soft; missed the ague, which should have come on at 11 o'clock; thinks he shall want no laudanum to-night — that, although he may not sleep, he will be

quiet ; has been in a perspiration : now 6 o'clock ; skin cool ; is dressed, and has been walking about his room ; no appetite yet : to-night commences the ninth day.

27th. Rested pretty well ; has been walking about the room, but feels himself very weak ; eyes suffused with bile ; pulse quickened ; not so full.

Evening. Has eaten some milk and rice, and a little chicken for the first time since he was confined ; pulse full and not quick ; skin cool ; losing the bad taste and headache. Convalescent.

Oct. 10th. Chill this evening, which he says is always preceded by pain in the nose ; has had several since his fever ; his head much affected by thumping ; sweats at night ; jaundice ; urine high coloured. Cal. gr. vi. h. s. P. j. comp. ʒi. manê.

11th. No chill last night ; last night repeated Cal., and this morning, Jal. and Cr. tart. Cal. operated at 3 o'clock in the night copiously ; has a catarrh ; directed barley-water ; skin cleared almost entirely ; pulse quick. Now, 12 o'clock. The P. jal. c. has operated badly, only producing small passages, but he feels as if it was about to operate freely ; has puked pure bile this morning.

14th. Much better ; continue barley-water ; skin quite clear.

17th. Fever continues of the double tertian type ; the cough is better ; last night, the fever being low, he took three doses of quinine, and the same this morning ; chilly sensations this afternoon succeeded by fever. The night before last he took, of his own accord, a dose of calomel, and yesterday a dose of simple jalap ; directed, when the fever declined to-night, to return to the use of quinine, and repeat in the morning.

24th. Out for the last few days, quite well ; skin clear, and no return of fever. 1827.

CASE. Patty, a servant, Aug. 14th. Ague last night and this morning ; pain in limbs, hips, and pain also in discharging urine ; no dysentery. Cap. Cal. gr. ix. h. s. and Ol. ric. manê.

15th. No ague to-day ; medicine operated very well.

Evening. Better in every respect ; in a fine perspiration.

16th. Ague this morning ; pain in belly and in the head acute. Cal. gr. viij. noctè. Ol. ric. manê.

17th. Convalescent. 1827.

CASE. Miss —, a child. Double Tertian.

Sept. 21st. Cal. gr. v.

22d. Ol. ric.

23d. Cal. gr. v.

24th. Ol. ric.

25th. Chill, at ten this morning ; calomel brought away one black passage — then a lighter one. Another dose of oil was given at 10 o'clock, or about ten. Fever was rising at 10 o'clock ; declined in the evening. Sal. A. manê.

26th. Salts operated ; feels great appetite.

27th. Dressed, and about ; very little fever ; slept well last night ; eat but little breakfast. 1828.

CASE. Mrs. —, Sept. 18th. Unwell the day before yesterday ; and took eight grains of calomel, and a dose of salts. Last night, fever, restlessness, nausea, vomiting, and headache. This morning pulse active, indicating venesection. This evening fever subsided with headache and nausea. Cal. gr. viij. h. s. Sal. manè.

19th. Accession of fever at noon.

20th. Very restless night ; hysterical delirium all this day ; no pain ; no nausea ; feet cold. This evening mind has become distinct ; conscious of her mental confusion during the day ; fever lower ; skin moist ; five grains of calomel between two pieces of bonny-clabber. H. s. Sal. A. manè cras.

21st. At noon accession. Calomel operated twice ; salts were retained and operated ; nauseated much. At half-past two this afternoon, face much flushed ; was chilly at one ; thirst great ; drinking iced water profusely ; great desire to puke. Directed a tumbler of iced water only once in half an hour, to avoid the distention of stomach ; pulse quick, and somewhat full. Urticaria.

22d. Passed a delirious night ; cold all over during the night ; applied bottles of warm water. This morning head more distinct.

23d. Medicine operated better than before.

Evening. Rise of fever at noon ; talkative delirium ; at five, thirst.

24th. Slept the first and latter part of last night ; face flushed ; eyes yellow.

Evening. Quite free from delirium ; cannot eat oranges, or drink lemonade ; eat a fig this afternoon — first nutriment for nine days ; felt much oppression or distention of stomach ; fever moderate ; pulse very little accelerated ; extremely weak ; cannot turn herself or alter her position in bed, though there is little appearance of loss of flesh. Cap. Cal. gr. v. h. s. et manè cras Sal. A.

25th. Medicine operated well.

26th. Less restless last night ; very little fever this morning.

Evening. Free from nausea all day ; skin cool ; pulse a little quickened. She had taken Cal. gr. v. to-night, before I returned from the country, as her husband thought she had a rise of fever.

27th. Pulse full and soft, and but little quickened. Directed rice and milk for diet.

Evening. Cough.

28th. Has had less of the dry, incessant cough. No nausea or cough, but is this evening hysterical ; has slept much, and she only complains of being light-headed ; pulse a little quickened and very small ; sangaree. She was directed to examine her feelings after taking a little, in order to test the effect : if she felt better, to continue it. This state of the system has not been induced by want of sleep ; she has slept much to-day ; she is fearful of "nervous fever."

29th. Passed a very good night after drinking the sangaree ; pulse a little quick.

Evening. Feels still light-headed; but for that, she should be well; no stomach complaint; pulse somewhat excited, full, and quicker than natural; appetite returned; has eaten a few oysters; craves salt meat; denied it as improper.

30th. Fever; anxious for her breakfast.

Evening. Found her sitting up for the first time, and in a general moisture; much emaciated; pulse quickened.

31st. Fever evanescent; pulse slower; no complaint; appetite very moderate; ate rice and milk in small quantity; great desire for Malaga grapes, which are hourly expected from Norfolk. 1827.

CASE. Bilious Fever with Colic. Mr. —, April 30th. Unwell for several days, and found him yesterday morning with flushed face, slight pain in the head, and under the right and left mammæ; tongue very foul; bitter taste. Gave him eight grains of calomel, which operated three times this morning, and brought away a large quantity of green bile; and he then took Jal. gr. xx., Cr. tart. gr. xl., which operated twice or thrice. This evening slight chill; sick stomach; feels stupid, and has been disposed to sleep this afternoon; pain in the bowels with borborygmi and eructation. Has drunk lemonade, and ate a cracker and tea this evening. Directed Cal. gr. vi. nocte et Ol. ric. ʒj. manè. These pains have shifted about, from the sides of the sternum to the false ribs on the left side, and to the shoulder: he feels none now in the mammæ; he had taken a dose of salts yesterday or the day before; has been subject to costiveness for some time.

May 1st. Slept a little in the early part of the night; at 10 or 12 o'clock very black passages. Took the oil: has operated and brought away green passages, with much griping and straining; fever low; thirst considerable; burning about the fundament after the passages; creeping pain in right mammæ; wind blowing on him all night, from the pane of glass being out opposite the bed; cold of the head, and stuffing of the nostrils; says he has no cough.

Evening. Found him eating chicken soup; griping gone, and smarting about the fundament; pulse rather fuller; the bilious passages much lighter — of the colour now of hepatic bile; when the oil had operated twice, this change was observed. Directed, at his own suggestion, a blister to the right mamma; I thought it not essential, but it might serve to concentrate the flying pains.

2d. He has put the blister on the left hypochondrium; says the pain has shifted there; it was taken off at three this morning; complains now of great flatulency, and some uneasiness in the right hypochondrium; face flushed; pulse quickened; has eaten a little corn-bread and tea for breakfast; no passage since yesterday.

Evening. Pulse excited somewhat, but evidently owing to the blister, which, upon examination, I find was even as low as the left flank; no pain in right hypochondrium; indeed, no other pain, although a little uneasiness about the right side of the hypochondrium; had a call to the chair, but could not effect a passage; no

flatulence; eat some rice-soup for dinner; tongue covered with a slight film of yellow. His fever ought this evening to have been at the lowest ebb, to correspond with the chilly paroxysm of the day before yesterday. The side of the face next the fire somewhat flushed, the other not so; this morning both sides were flushed; skin still dry. Cap. Cal. gr. iij. noctè; Sal. A. ʒi. manè.

3d. Rested better than heretofore; calomel did not disturb him in the night; the salts have operated five times, since half-past 10 o'clock. The pulse is quickened, and he has some headache, and a little pain in the epigastrium; this is a rise of fever, as there was no headache this morning early.

Evening. Medicine operated well; bile not so thick; drank lemonade, and ate milk and rice; cough; pain in right flank; nausea; great flatulence, and eructations of wind, and some acidity; pulse not so quick, rather fuller; a little uneasiness of head, and coughs frequently — all from disordered stomach and liver. Cap. Magnes. coch. parv.; Aq. menth. pip. coch. unum.

4th. His belly became so much swelled last night, that he got alarmed. He still feels some pain in the flank; pulse full; skin somewhat warmer than natural; has had a small passage this morning; had thirst early, but now gone; ate milk and water tea, with a little bread for breakfast. Directed bread and molasses for dinner; the lemonade, and milk and bread yesterday, probably disagreeing with him.

Evening. Fever still, though he has been able to walk about his chamber; ate bread and molasses, with the addition of apple-pie; says he has pain all around the belly — superior part (perhaps); he supposes from the want of a passage. Cap. Cal. gr. iij. noctè, and Sal. A. manè.

5th. Very little fever. The uneasiness in the colon, just above the spine of the ilium, continues; medicine had operated pretty well at 10 o'clock. Directed molasses for dinner.

Evening. Slightly feverish; pain gone; medicine operated well; passed some strawberries, which he ate this morning.

6th. Rested well; pulse nearly natural.

Evening. Convalescent.

CASE. Mr. ——. Bilious Fever commencing with Cholera, attended with Colic, &c., &c. Cholera from cold, indigestion, previous hepatic disease, probably from strong drink.

May 21st. Violent spasm, (or cramp of stomach, &c., as he called it,) in the regions of the stomach, back, and legs; coming on periodically, or after short intervals; feet and legs cool, only end of the toes warm; deadly sick stomach. Was taken last night at 12 o'clock, with puking and purging; the latter frothy, watery, and greenish, and extremely fetid; puked up nothing but what he had drunk, with no bile. Took a dose of salts, of his own accord, this morning before I saw him, which he could not keep on his stomach. He ate cherries last evening; puked up some undi-

gested this morning; his passages have been pretty large. Directed toast and water for his drink, though he has no thirst; applied a sinapism to the epigastrium, and directed when it drew to give *Tincturæ opii camphoratæ*, ℥iss. Pulse not much quickened, rather small; face red, but not so much so as in health; had drunk a great deal of warm water, when I saw him. The sinapism was put on an hour without his feeling it; and the symptoms increasing, I then gave the paregoric at 10 o'clock, and put on a stronger poultice.

1 o'clock. Found the skin so excessively inflamed from the poultice, that he was obliged to expose and wash it, but there was nausea, deadly sickness, a cold clammy state of skin, with pulse diminished in force; a desire to puke, but was afraid of cramping the stomach by the exertion. He had had only one passage, since I first saw him, at half-past seven; seemed desirous for one. I gave him five grains of calomel in a pill, and he asked if it would operate downwards, feeling anxious to give the bile that direction. I had the pill washed down, with a few drops of laudanum in a table-spoonful of water, with a drop of *Ol. menth. pip.*; and directed the same dose every hour, if the puking or cramp should return. Before he took the calomel, was disposed to dose, and was anxious to sleep; no sleep since 12 o'clock last night. The liver must be in a turgid or secreting state.

2 o'clock. Has taken another dose of laudanum, gtt. v., and rejected both, and all the contents of the stomach perhaps, except the pill; his puking is very frequent; brings up thin, clear water; thirst great; wishes ice; requested to have a mint-julep, which I advised not to be too strong, as his head aches now a little; pulse rather more active; less cramp of stomach or limbs; a little in the right leg occasionally. Gave him *Magnesia*, ℥ss., in a little mint water, and directed it to be repeated if puked. Has had no passage since he took the calomel. After one of his anodyne draughts this morning, I found his tongue spasmodically contracting, when he took his hand from the handle of the mug of water, which was given him to wash it down: he has now, however, rather more command over the direction of the nervous fluid.

8 o'clock. He had only puked twice lately; they were both bilious, the last just before eight. He had, about sunset, a small, excessively fetid passage; the cramps still continue; he feels a stricture or load at the stomach, which prevents the passage of anything; restless; this morning would only lie on the back; skin hot and dry universally; headache; reaction has taken place. He rejected both doses of the *magnesia*, and the mint julep likewise. *Cap. Cal. gr. v.*, at 9 o'clock.

Evening. Now that he is in a state of mental and bodily excitement, he reports that his stomach has been out of order for several weeks with nausea, loss of appetite, &c., for which he had taken three doses of salts. Calomel seems to be the only medicine taken to-day, that has not been rejected from the stomach. Probably

as soon as it was dissolved, it allayed the irritability of the stomach, and finally brought about the secretion of bile, by exciting the action of the liver, through the sympathetic influence of the former on the latter organ. It was given to-night with a view of lowering the fever, by its promoting the various secretions of the body, as well as the biliary: indeed no other remedy has remained so well on the stomach.

22d. He rested well; fever continues; skin dry; had one passage in the night, very small; thirst still. Directed a small dose of castor oil in mint water, to be repeated if necessary. He was afraid to drink water last night, as it brought on an immediate disposition to puke: he diluted with it frequently during the day, and puked it.

Evening. Some remains of headache; pulse rather active; feels extremely weak; thirst abated. Took two doses — two table or dessert-spoonfuls of castor oil, and though he puked it up, it operated twice: he repeated the dose; it likewise operated twice; brought away a great deal of bile. Says that the cramp first seized him in the foot, ascended up the legs, and slightly to the arm and hand, and then seized the breast, or perhaps the stomach and termination of the gall-ducts, when the puking commenced. He is better in every respect; no puking since the bilious passages, from the medicine; no thirst; kept the second dose down by sucking an orange.

23d. Chill this morning just after sunrise, after a good night's rest; teeth chattered; had an inclination to have a passage, and went to the chair, and had a small, healthy passage. Saw him after this, and found him with tenesmus, and complaining of pain in his body from wind, and pain in his back; altogether constituting tormina; and he would sit up frequently, and discharge a little hepatic bile; no blood mixed with it; pulse a little quickened; skin nearly of natural temperature; tongue white. Directed a glyster of castor oil or flaxseed tea.

Afternoon. The glyster operated twice, and brought away a great deal of bile, which the wife said was like the yolk of an egg. He was immediately relieved, and I found him asleep at twelve and three. He had enjoyed some long naps; wished to eat oysters, but I thought it would be hazardous; lemonade was allowed for his drink. I could not examine the pulse; he was lying asleep both times; the respiration easy.

Evening. Skin moist in the superior parts of the body; feet and legs dry; somewhat warm, though there is a remission of fever; says, about 2 o'clock had a slight headache; still craves oysters; the lemonade has agreed well. When he coughs, complains most of the soreness about the præcordia, or stomach or breast, to which he refers it usually, and attributes it to the cramp which he felt thereabouts. The ague which he was said to have had this morning, might have arisen from irritation; but from the remittent character of the fever, I was induced to direct five grains of calomel at bedtime, and a dose of castor oil in the morning.

24th. Did not rest well; calomel operated once; very small passages; took three small table-spoonfuls of castor oil, which were rejected, but he had a pretty full evacuation afterwards; complained much of nausea and uneasiness about the præcordia; pulse not quicker than natural; skin moist; tongue moist and clear. Directed spirituous fomentations; and a glyster of *Ol. ric.* ζ ij., *Infusum lini*, \mathfrak{h} i.; to promote the operation of the medicine if necessary.

Evening. After the injection he had two full passages, the last nothing more than water; some rise of fever; pulse quickened; in no pain; but he is eructating some boiled chicken, which he ate this afternoon, attended with nausea.

25th. Rested better; slight chill this morning, unattended or followed by præcordial distress; no disposition to eat or drink; at breakfast, tea was presented; it nauseated him.

Evening. No passage to-day; frequent eructations of wind; vertigo when he rises; slight headache; while lying, feels well enough to walk about, but so soon as he rises, feels the swimming in the head; pulse excited, and face flushed. *Cap. Cal. gr. v. h. s.* *Sal. Epsom, manè.*

26th. Rested well; calomel operated before he took the salts; both brought away a great deal of bile; great desire for strong food; pulse beats in a full stream; advised bread and tea.

27th. Called this morning, and found that he had walked abroad imprudently; complains still of his head, and fulness of stomach; his medicine operated very well.

Evening. *Cap. Cal. gr. iv. h. s., and Sal. A. manè.* Walked a mile and a half this morning; feels the symptoms enumerated above. *Convalescent.*

CASE. Remittent fever with convulsions. Miss —, Aug. 31st. Taken yesterday morning with a chill, which was succeeded by fever, pain in the head and face, &c. She took at night, *Cal. gr. v.*, and this morning, *Sal. A. ζ ss.*, which she rejected with some green bile. At 5 o'clock in the afternoon, the sick stomach became excessive, and she wished to puke very much. She took *Salts, ζ ij.*, and in going into the adjoining room to have a passage, she was taken with a convulsion, which lasted a few minutes; there was a little stertor. In half an hour, another convulsion came on, with foaming at the mouth. She had two very small passages in the morning, from the calomel and salts. A sinapism was applied across the stomach, from the right to the left hypochondrium, and a glyster of salt and molasses was administered. It operated in a short time; she was sensible between the fits. Her face was pale, and the pulse too much collapsed for *v.s.*; sick stomach continued after the fits. At half-past seven *p.m.*, *Cal. gr. x.* were given. She puked, but retained the pills; she puked again in half an hour; she was perfectly composed at half-past 8 o'clock; slept and snored; the sick stomach continued during the night; she coughed frequently, and in the latter part of the night expectorated.

Sept. 1st. Calomel operated largely by 6 o'clock this morning.

At 7 o'clock, she took P. jal. comp. ζ i. About half-past eight she puked, but did not bring up the jalap; said the fluid she brought up tasted sour. Operated by 9 o'clock downwards; by 2 o'clock, operated well, nine times; stomach and cough both relieved; pulse reduced in frequency and force; sleeps quietly, though she has coughed a good deal to-day; and now complains much of burning in her eyes; this appears to be a catarrhal remittent; at 5 o'clock complained much of her head. It is now 9 o'clock. I have just given her ten grains of calomel; she thinks the fever is low; she sleeps; coughs very seldom; the stomach very quiet; pulse moderate; rather full and frequent, with slight tension; skin cool.

2d. She passed a pretty good night, with no rise of fever. P. jal. comp. ζ i. at 6 o'clock. The calomel gave two mucous passages; the purge had operated, according to the nurse's account, once before breakfast, and once after, pretty well; however, she made three attempts to have a passage between 1 and 2 o'clock, without effecting it. At 1 o'clock, the face flushed; she appeared stupid, and did not recollect whether she had had any evacuation. She had a very good passage at half-past three; had another fetid passage at 5 o'clock. 9 o'clock. Her hands hot and dry; has conversed too much this evening. Rep. Cal. gr. x.

3d. Rested very well; calomel has operated once this morning; the passage yellow; they were green yesterday. P. jal. c. at half-past 6 o'clock. It had operated twice by half-past eight, and she complained of great griping.

3 o'clock. She has had three more evacuations; pulse active; face flushed, indicating a rise of fever, but at what time this morning, I know not; no desire for her usual drink—lemonade, or to eat oranges; wants stimulating food; cough seems nearly extinct.

8 o'clock. Fever much reduced; no calomel to-night.

4th. She has improved much; very little fever; no pain during the day; has drunk her tea; has eaten mush and milk for dinner, heartily; pulse small and weak this evening; sitting up at 9 o'clock, at her window, listening to the preacher in the Methodist Chapel. Convalescent. 1827.

CASE. Mrs. —, Sept. 26th. Fever at 4 o'clock in the afternoon.

27th. Pretty well; sweated last night.

28th. At 12 o'clock, a chill which lasted till two.

Evening. At seven, pulse not full; skin moderate; pain in head like rheumatism; in the chill, slight nausea; to-night, complains more of pain in the back, than anything else; has slept a good deal during the fever, but is now quite cheerful and talkative. H. s. Cal. gr. v.; manê, Pulv. jal. c. ζ i. Has not enjoyed a good appetite for a fortnight; frequent eructation of wind during the chill, and felt a great load about the præcordia, which oppressed the respiration, and she complained more of internal coldness, than about the exterior of the body; she did not puke, but threw up air, and was

near puking; complains this evening of pain in the left cheek, as if from cold.

29th. Saw her at 10 o'clock; the calomel had operated twice, and the purge twice. Sweated in the night; still complains of rheumatic sensations about the scalp; pulse fuller than last night.

Evening. Medicine operated well; very little fever; pain in the back, but slighter.

Oct. 1st. Rested pretty well last night, at times; had occasional good naps; eaten a little breakfast this morning; chill at 10 o'clock; anticipated two hours; excessive nausea, and frequent puking, and great thirst; drank warm tea; puked her breakfast, which was sour; about 12 o'clock, put her fingers down her throat, and brought up hepatic bile; left her at half-past one; said she felt as if she was in the infernal regions, and removed the covering; could get no lemonade; directed syrup of cherries and currant-jelly with water, as a substitute. A large sinapism was applied during the chill; when the fever came on, ordered it to be removed; it had not inflamed the skin; directed another, if necessary, made stronger.

Evening. Has suffered a little pain of stomach, and complains of her head; has not suffered from the back, as in the last fever; has perspired a little; has slept. Repeat pill and purge.

2d. Clear of headache, but soreness about the bones of the head; rested well; calomel did not operate till the jalap was taken; had operated once by 9 o'clock; pulse still febrile.

Evening. Distinct rise of fever at noon; at half-past 8 o'clock, pulse full and firm; considerable thirst, which has not before been usual in the fever; lemonade allowed this night for common drink; has drunk barley-water, seasoned with salt, to work the purge, which operated six times. She is free from pain; skin dry; tongue white; thinks she feels some increase of heat, but to the touch, of moderate fever-heat. It has now assumed the perfect double tertian form.

3d. Rested badly; she must have had a rise of fever, or a slight chill in the night; about 10 o'clock, she complained of alternate chills and heats, and much flatulence; at ten, this morning, instead of an ague, she felt extremely oppressed by heat, and had the covering lightened; so it is probable, that this was the height of the fever.

Evening. Pulse more quick and hard; stomach feels full, as if she had just eaten a hearty meal. Cal. gr. v.; P. Jal. comp. rep.

4th. Rested extremely well last night; is free from all pain; about 10 o'clock, she had perspiration, and she felt neither internal nor external heat; the internal heat had before distressed her. She thought she had a rise of fever at four, this morning; pulse now (9 o'clock), full, not so quick, and softer. The calomel gave her a copious passage in half an hour after taking the purge; has had three discharges. Directed barley-water to work it.

Evening. Medicine has operated well; less fever; skin cool; has expressed a desire for food.

5th. She supposed that she had a chill at nine last night ; fever quite low this morning ; complains of a bitter taste, which she has never had before, during her fever.

10 o'clock. Gums sore ; pulse a little more accelerated, with some force ; skin cool ; thinks the fever began to rise at ten, which should have been later, according to the early type.

Evening. No passage to-day ; fever lower than ever.

6th. Nausea several times in the night ; does not complain of the sore gums ; probably fanciful ; pulse somewhat quickened. P. j. c. ℥ij.

Evening. Medicine operated three times, and discharged bile, and made her sick ; moved to another bed ; very weak ; pulse rather more active, with fever, about 10 o'clock ; drank lemonade.

8th. Slight fever to-day.

Evening. Convalescent. Directed, if necessary, to take some slight aperient. Bilious Double Tertian. 1827.

CASE. Bilious Remittent with Pleuritic symptoms. Mr. —, January 20th. He was attacked on Tuesday, the 15th, with pain in the thorax, &c. Saw him yesterday ; he had slight cough, with inclination to puke frequently ; he had taken a dose of calomel night before last, which had not operated yesterday morning ; gave him a dose of salts. Called in the evening ; found him with high fever, flushed face, and pulse very quick ; and pain in the left side. Took ℥ij. of blood ; it was cupped ; pulse reduced by venesection, and fever lowered. E. vesic. lateri. This morning, fever still considerable ; blister drew.

Evening. Pulse full, quick, and active ; has been drinking Cr. tartar water. Cap. Cal. gr. vi. h. s.

21st. Pulse much reduced this morning ; sweated last night ; scarcely any cough. P. jal. c. ℥i. with Ol. menth. Blister runs much.

Evening. Pulse more active ; purge and calomel together, operated three times ; ate two or three gills of rice, seasoned with a little nutmeg and butter.

22d. Rested badly ; still sitting up dressed, as he has been every day ; with a very quick and tense pulse ; he has some nausea, but slept ; seldom coughs ; dilut. Cr. tart. drink.

Evening. One small passage ; pulse still active ; pain of side left ; ate rice. Cap. Cal. gr. vi. h. s.

23d. Rested better ; had a passage this morning ; he does not know whether from Cr. tartar, of which he drank three tumblers yesterday, or from the calomel ; pulse as active as last night. P. jal. c. ℥i.

Evening. Operated three times ; pulse more reduced than last night or yesterday morning.

24th. Pulse still active ; Cr. tartar repeated.

Evening. Calomel, gr. vi.

25th. Calomel operated ; rested better ; pulse softened, and not so quick. Rep. P. jal. c.

Evening. The purge operated six or seven times, well ; better than before ; pulse still better.

26th. Cr. tartar. Evening, Cal. gr. iii.

27th. A passage this morning. P. j. c. ℥ss., et rep. at noon, if necessary.

28th. Convalescent ; but still spare diet. 1828.

CASE. Mrs. —, Aug. 29th. Ague distinct at 2 o'clock, P.M. At eight this evening, breathing hurried ; pulse very quick. Took this morning two tea-spoonfuls of salts, which operated four or five times ; the last passages better, more yellow, and less dark. Directed a tea-spoonful now, and one at twelve, if necessary. Drank lemonade. Complains of no pain but in the head.

30th. Salts operated five times ; stools not amiss ; pulse full ; disposed to sleep ; still headache. Rep. Sal. A.

Evening. Salts operated only this evening, once very slightly ; stools not good. Ague, precisely at 4 o'clock, very short ; has had very little headache to-day ; she discovers slight symptoms of delirium and stupor ; pulse quick and compressible ; circulation pretty equal ; very helpless, as she is generally in the fever. Mr. — says, there was no appearance of stupor before the chill.

31st. Stupor gone ; pulse slower, rather full ; skin still dry ; a little headache. Cap. Sal. A. ℥ss. ; Magnes. ℥ss.

Evening. Expected chill at 2 o'clock ; did not come on ; has been perspiring ; pulse slower, and still full ; skin still moist ; purge operated well. Converses. 1828.

CASE. Mrs. —, April 25th. Ague day before yesterday ; ague to-day at twelve ; fever high this evening at five, with palpitation of heart ; headache ; pain in jaw from toothache. Cap. Cal. gr. viij. h. s. Sal. am. ℥ss. manè.

26th. Medicine operated ; calomel did not make her sick, as usual. Take one grain of Sulphate of Quinine at bedtime, one at 5 o'clock, and one at nine in the morning.

27th. Rested well, and felt an appetite last night, but little this morning ; pulse more excited than I ever felt it in her previous fevers ; feels very weak, particularly about the knees ; omitted the 9 o'clock dose.

Evening. Chill at five ; less palpitation ; headache. Take one grain of Quinine, and two drachms of Epsom salts, manè.

28th. Operated five times. At noon, one grain ; at bedtime, one grain, though head full.

29th. One grain this morning. Missed ague. 1828.

CASE. Miss —. Tertian Fever commencing with Hypogastric Colic. May 1st. Has for some months been affected with symptoms of sinking in the breast ; her face has occasionally exhibited

a jaundiced appearance; appetite great; eats very frequently. Cap. Cal. gr. iij. h. s. and Sal. A. manê.

3d. Her medicine operated well, and brought away much dark bile; back felt much relieved. This evening she went over to a neighbour's, and was seized with a sense of faintness, succeeded by pain in the hypogastrium. Flannels wrung out of hot spirit were applied till late in the night. She got easier; the pain became a sense of numbness; there was nothing like spasm; she said she had felt the pain of colic, but this was nothing like it; she has gone one week over the time for the menstrual discharge; her head became affected, after the pain in the bowels abated; fever ensued. Cap. Cal. gr. viij.

4th. Still slight fever; head had got easy; begins again to ache; calomel has not operated. A table-spoonful of castor oil, to be taken in peppermint water. Her dinner yesterday, though not great, was composed of several indigestible articles. She has not her usual appetite. She complained in yesterday's attack of great heat of bowels; she coughed occasionally, and I observed that the pain by the act of coughing was increased; she still has a little of it this morning. She has not enjoyed good health since a bilious fever, which she suffered last October.

Evening. Headache has been excessive, but is now better; medicine operated well, and finished in a few hours; passages biliary, of a more yellow appearance; very weak; pulse still quiet; no thirst; no appetite; there is still some abdominal uneasiness; there must have been an exacerbation of fever after 12 o'clock, from the increase of headache. This evening there is a remission. For some time previously to this attack, she has been subject to urticaria.

5th. Rested well last night, though she awoke often; menses began to flow; no headache; a little abdominal uneasiness this morning; weak stomach, but is now relieved; skin cool; pulse tranquil, scarcely quickened; complains of sourish taste. Directed, if sick stomach should return, a little magnesia in mint-water.

Evening. She is without fever this evening; no appetite; ate one bit of biscuit, which turned acid on the stomach; has experienced some headache to-day, none at present; has had no sick stomach. Of course the magnesia was not given.

6th. Had some rise of fever last night, with a little urticaria; face more sallow; urticaria this morning; slight quickness of pulse; tongue whitish, but moist; ate three oranges (the juice only); yesterday no appetite for any other food. Directed to go on with them.

Evening. From her sensations, she supposes that she had a rise of fever this afternoon; skin now moist, and pulse a little quickened only; when the fever came on, it was attended with fulness of head and urticaria, which last was very troublesome; catamenia still flowing; her mother says she wants an aperient. Her skin being suffused, directed Cal. gr. iij. et Sal. A. manê.

7th. Calomel was not given; she was given some magnesia; it did not operate; had palpitation of heart, and abdominal palpitation in the night; thunder-storm; came up stairs in the night. She took at nine this morning, Cr. tart. ζ i. et Sal. A. ζ ij. in $\bar{\zeta}$ ij. of water; mother inquired if it would not interfere with the catamenia. That sensation of sinking, or nausea, is absent, and has been for some days. From all the symptoms, present and premonitory, we must conclude there has been no absolute affection of the pulmonary system.

Evening. Slight chill at noon; medicine operated; nettle-rash appeared with the fever.

8th. Nettle-rash appeared again in the night; her chill came on earlier to-day; saw her at twelve; pulse more full; return of appetite in a small degree; no headache.

Evening. The rash has been extremely troublesome; fever low this evening. Cap. Cal. gr. iij. h. s. et Sal. A. manê.

9th. Rash out again last night; I have never seen it, but suppose it must be urticaria; complains a *little of her head* this morning; there seems to be a complete apyrexia; tongue whitish and furred; has taken two tea-spoonfuls of salts, which have only operated twice; directed two more at 10 o'clock; skin clear; alvine discharges more natural, though few in number; the rash worst when the skin is most excited, at the acme of fever — once in the night, and once in the day; there must be two exacerbations in the twenty-four hours.

Evening. Very little rash to-day, and of course very little fever; the salts have not operated; passages did not remain of improved appearance.

10th. Complexion clear; had the rash again last night; some quickness of pulse this morning.

Evening. Chill to-day, which shook her; at six, the fever very low; face quite bombicinous; feels better; tongue cleaned; had eaten boiled custard for dinner; two evacuations this morning, which appeared to be produced by her medicine taken yesterday.

11th. She had a rise of fever last night, with some rash; she, for the first time, feels a swelling of the spleen; there is a slight excitement of the pulse this morning; skin the same.

Evening. Chill at eleven; no evacuation to-day; no perspiration yet, though fever very low. Cr. tart. ζ i. h. s. et rep. manê si opus sit.

12th. At nine to-day chilly, and complained of sick stomach; medicine operated but slightly; ate two small biscuits for breakfast, and drank a cup of tea; "she is glad that she feels no more of the spleen."

Evening. Medicine had no effect; pulse more excited than usual; full; feels a pulsation in the temples. Cap. Cal. gr. iij. h. s. and Sal. A. ζ ij. manê.

13th. Complains of great distention of stomach; medicine only operated once; directed the dose to be repeated at twelve; her complexion is perfectly clear; pulse much reduced.

Evening. Missed the chill to-day; no fever, and still less urticaria; what is remarkable, she looks infinitely more sallow.

14th. She had the chill shortly after I saw her, and fever; pulse very little quicker than natural. Salts in chamomile tea in the morning, if an aperient should be necessary.

15th. Chill at half-past eleven; she did not take the salts and chamomile; she requires evacuation.

Evening. Still fever. Cap. Sal. Epsom, ℥ij., and manè Tincturæ opii, ℥i.

16th. Medicine operated twice; this morning experienced considerable pain of bowels.

Evening. Has eaten ice-cream and strawberries and milk, which have both agreed well; pulse has much firmness, and somewhat quickened; she was very nervous this morning; complained much of the inside of the cheek near the last back tooth; there has been some soreness there for some time.

17th. Rested tolerably; had eaten something, and drank tea before I saw her, which she is compelled to do early from debility. Immediately afterwards, I gave Quinine, gr. i., though the pulse was somewhat feverish.

Evening. Chill at half-past eleven, with yawning; no headache. Cap. Quiniæ sulphat. gr. i.

Chill came on precisely at eleven to-day, two or three hours later than on the alternate day; more appetite for breakfast; no rash for two days.

Evening. Feverishness this evening; bowels costive. Quinine, gr. i., and at bedtime, Epsom salts, ℥ij.; and in the morning, of Quinine gr. i., and Epsom salts if necessary.

19th. Took a pill at nine; chill forty minutes afterwards, instead of at half-past eleven; no rash; pulse full in the evening, with slight frequency; has felt much stronger; has eaten peas, and strawberries and milk for dinner, and sat up more to-day.

20th. Scarcely a remnant of fever this morning. Quinine, gr. i. at nine; much strengthened; slight chill afterwards; natural passage this morning.

21st. Missed chill; no fever; appetite good.

25th. A few days since, had a slight relapse; goes on with quinine; attended church twice to-day. 1826.

CASE. Julia, a free person of colour. Intestinal Bilious Fever, with universal Cramp. July 6th. Was taken with disordered bowels; discharges frequent.

17th. Took two tea-spoonfuls of salts; gave her some relief, but discharges continued frequent. In the evening, saw her for the first time. She was cramped in every muscle of the body; the diaphragm so much in a state of spasm, that she breathed short, and with great difficulty; was drawn up into a knot, just below the right hypochondrium; had not puked; complained of great coldness; pulse not very weak, but quickened. R. Tinct. op.

camph. $\bar{3}$ i.; Ess. menth. pip. gtt. iv.; Aq. $\bar{3}$ i. — to be taken immediately. An hour afterwards, saw her; said she had had another passage, with the expulsion of wind. She had a *sinapism* applied to the large spasmodic knot; she had scarcely got warm, when the cramp ceased; thirst still considerable; drinks balm tea, from preference, in small quantities. She now took Cal. gr. v., one hour after the draught.

17th. Rested tolerably well; only two passages in the night; she supposed the calomel had not operated; skin above natural temperature; pulse quickened; breathes quickly and anxiously; menses have been flowing constantly for some days; her usual habit is to have them on her a week. Directed a dose of oil, but she will only take salts. This is probably intestinal bilious fever. The discharges yesterday were watery; the day before, of various appearance. This woman had, two years since, been reduced to a skeleton, from great constant uterine discharges, with pains like those of parturition, &c., and was cured, and became fat, after a course of minute doses of calomel, gr. ss., every other night, taking occasionally salts when costive.

Evening. Very slight return of spasm about the neck; relieved by a sinapism; medicine has been operating during the day, and brought away bile; she says she is weakened; but she can raise herself in bed to drink, without the spasms coming on, which was not the case yesterday evening; free from cramp this evening; skin of good temperature; is not so short-breathed; mouth dry; pulse full, and quickened; drinks balm tea.

19th. no return of cramp; high fever all night; sweated much; without fever this morning; pulse soft, and of natural quickness; thirst still, and dry mouth; feels much depression, but much better.

Evening. Rise of fever this morning, and return of watery discharges from the bowels, which have been very frequent, and attended with straining; violent pain in the back, which she attributes to the profluvium mensium, or perhaps the usual catamenial discharge; the lump, or knot, under the right hypochondrium still troublesome; pulse excited, and fuller; thirst much less; speaks with less languor; she has no more cramp, which is very consoling to her. Cap. Cal. gr. iv., and salts, manè.

20th. Rested well; calomel put a stop to the alvine discharges; it puked her this morning; she then took a small dose of salts; she sweated much in the night. This morning fever low, and skin moist; better in every respect.

Evening. Has been sweating all day, and the disorder, to use her own expression, "has turned;" the passages being bilious, pulse reduced, medicine still operating; is now able to walk about; has a little pain in the lower part of the abdomen; has, contrary to orders, eaten some lamb; has eaten strong food.

21st. Convalescent. Directed temperance. 1828.

CASE. Mr. —, Jan. 26th. About 8 o'clock in the morning, was

taken with an ague; succeeded by an intense headache, which continued all night.

27th. Saw him this morning at 11 o'clock, and found that his fever had somewhat subsided, after a sweat during the night, but still complained of his head; tongue white. Gave Cal. gr. viij., and directed P. jal. comp. ζ i. at 10 o'clock.

28th. Found him this morning almost without fever, and head still less affected.

Evening, 5 o'clock. Saw him; he told me he had had three passages, and just before them, suffered some pain in the bowels; thirst from eating chicken for dinner; passages slimy, and fever risen. Cap. Cal. gr. v., et Epsom salts, manè.

29th. This morning, fever perhaps off; calomel operated five times with mucous passages; tongue loaded, as much so as I found it yesterday; took his salts at eight; had not operated; complains only of weakness. Advised abstemiousness from animal food in every shape, and to eat rice and milk, or mush and milk, or bread and tea.

Evening. Has eaten only a little rice to-day, and has slept pleasantly; salts operated thrice; no pain; no fever; no feverishness. Unless there be a rise of fever to-night, may be considered convalescent; no perspiration since first night. Many fevers have been cured this season, by evacuating the bowels.

30th. No fever to-day, or perspiration. Convalescent. 1828.

CASE. Mrs. —, July 4th. Fever commenced yesterday, 3d inst.; pains and soreness in all the limbs; slight delirium and confusion of head, but no pain; excessive pain in the back; chilly feelings all day, but commenced at 10 o'clock; skin moist this evening.

5th. Calomel made her sick, and she puked some frothy matter without bile; the salts had operated three times by 8 o'clock; pulse quickened and small; uneasiness about the præcordia; great desire for iced water; allowed it when the medicine had operated a little more. At 10 o'clock gave her Epsom salts, ζ ij. and Cr. tart. ζ ss.

Evening. Found the fever low. The combination of the salts and Cr. tartar had operated better than the other medicine.

6th. She thinks she had no rise of fever last night, but did not sleep much; skin has been moist since I have seen her, till this morning; complains of bitter taste. Gave Cremor tartar, ζ iss., and Epsom salts, ζ ss., at 7 o'clock this morning.

Evening. Her chill came on at 10 o'clock, and she was obliged to cover with a blanket; about nine, she had nausea and puking of green bile; the medicine operated twice or thrice; the skin not warmer than natural; pain in the right side; jactitation; pulse depressed, and not much quickened; not so much of the soreness about the limbs; still bad taste. Cap. Cal. gr. vi. h. s., et Sal. A. (Epsom salts) ζ ss. manè.

7th. She rested pretty well; the calomel induced not the least sickness; pain of side relieved entirely; pulse fuller and slower; skin without moisture, and of pleasant temperature; no purgative effect from calomel, till the administration of the salts; they have operated well; she is much better in every respect; no thirst, and has not generally complained of much.

Evening. About 6 o'clock, felt cold on moving in bed; complains of soreness in the flesh, which at first, this evening, might be called pain, particularly in the fingers; has a hacking cough, not before observed in the previous accessions of fever, with uneasiness of breast; gaping; stretching; pulse more quick, contracted, tense. Rain this evening, with S.W. wind; she has more bed-covering than usual. The night before last, I saw her later than usual by three hours, when she was in a perspiration, probably from bed-covering, in the early part of that evening, or previous rise of fever, which she did not herself observe. Indeed, the paroxysms are now more distinctly double tertian; the morning accession being attended with more rigour and cold. *Cap. cras primo manè Sal. amar. ʒss.*

8th. Chill at nine this morning; took a heaped table-spoonful of salts; which have brought away much bile, and operated better than any medicine heretofore; quick breathing and despondency; pulse incomprehensible at half-past 12 o'clock; delirious talking; she puked yellow bile in the paroxysm; no pain of side; mind much disturbed about the event of her fever, and the situation in which she must leave her children; she still complains of bad taste, and uses iced lemonade. During the operation of the medicine, she drank balm tea with lemon-juice. Complains much of the taste of medicine; says she tastes the salts, although they were taken early. It has rained again to-day, and the atmosphere is cool; she complains, though, of the closeness of her chamber.

Evening. The salts have not finished their operation, which has been copious; passages yellow; she complains much of sick stomach, and wishes she could puke; head more affected, with the sensation of opening and shutting; pulse incomprehensible; perhaps rather depressed; skin moist; bitter taste annoys her much; no thirst since the ague: though I saw her at 10 o'clock, she was then drinking lemonade, which I recommended for her drink to-night.

9th. Slept better last night, without drinking any lemonade; a rash appeared in the night of urticarious description; but the taste still disturbed; skin moist; no thirst; two passages this morning; no cough.

Evening. Chill earlier, probably two hours; saw her at seven; she was then under the fever with nausea; no passage since this morning early; complains of headache. *Cap. Cal. gr. v. noctè, and Sal. A. coch. parv. manè.*

10th. Chill early; medicine operated well; better, she thinks, than any; puked black bile; drinking iced water freely before the

chill was off. This practice has artificially produced those long, chilly paroxysms, and has not quenched the thirst in the ague, but during the fever she has been totally exempt from thirst; skin yellow, or extremely sallow; her hands were warm at half-past ten, though she was covered with a blanket and felt chilly sensations.

Evening. From half-past six to seven pulse imperceptible; skin covered with cold sweat; tongue dry, and a patch of white fur in the middle; not the slightest thirst; posture natural, and restless; turning from side to side now and then, though she slept well from six to seven. When I left her, disposed to sleep, not complaining of nausea; but when I asked, if she was sick at the stomach, she said she was, though there has been no puking this evening; in the morning, after I left her, she discharged yellow bile from the stomach; the nurse said, she complained much of the back; no pain in the head, notwithstanding the surface of the body was in this cold perspiration, which was mentioned by the patient as extremely distressing to her. Fanning, and a current of cold air from an eastern window, were grateful to her feelings.

11th. No pain of head or back; pulse perceptible, and quick; wished to have tried the quinine, but found, from her retching to puke and cankerous taste, it could not lie on the stomach; she complains of restlessness, which may be solely attributed to disordered stomach and liver. Gave her Cr. tart. ζ i., and the same of magnesia, at 7 o'clock.

Half-past ten. Medicine operated twice; brought away black bile; great nausea, with cold sweat. Applied a sinapism, one part mustard, two parts meal, with vinegar heated, across the epigastrium, to both hypochondriac regions.

Half-past two. Stomach somewhat relieved by its continuance on the part half an hour; being excessively painful, removed it; skin dry at last; has some thirst. Directed sinapisms to the wrists and ankles in succession, in order to support a warmth of skin, and to obviate the effects of the ague. She says, that she has had another passage of various appearance, with small, white lumps.

Evening. Chill slight; had another passage this evening, and more thirst. Directed the further application of sinapisms, if the nausea increased, particularly to the stomach.

12th. Slept not last night; puked three times, and has had a small passage this morning; great despondency; says she shall sink, and that she cannot sit up; she was incessantly puking all night, and has been frequently gaping this morning; no cough now; round white patch still on the middle of the tongue; the time for the accession of the ague approaches. Directed a sinapism across the stomach.

12 o'clock. Passage through the chilly accession, with very little of the former distress, by the application of mustard; she drank balm tea; I found her face flushed, which was unusual, and the skin in a more agreeable state; she begged for ice, which

was then allowed, but not so profusely as heretofore ; indeed, she only then wished it in the cold stage.

Evening. She has passed a day of tranquillity ; slept much ; pulse, this evening, small and hardly perceptible. The sinapisms had perhaps a good effect ; she has not puked, except once this evening, and is still sick ; took half a cup of tea. I wished her to take porter and water, but she could not bear it. Left three grains of calomel, h. s., and directed Epsom salts, $\mathfrak{z}i$. manè. Room excessively hot ; cold sweat.

13th. The medicine had operated three times at half-past nine, once pretty well ; she says that a tea-spoonful of salts operated as well as a larger quantity ; the passages were black ; she ate half a peach ; she has eaten nothing since she was taken, except a little mush and milk four days since.

Half-past two. Her medicine has operated twice again ; she feels weak ; has drank more than usual this morning, and has been sucking the juice of ripe plums, which seems to settle her stomach. She has had no puking to-day ; no chill yet ; she gets up to the chair, and helps herself ; she has eaten ice several times with great avidity.

9 o'clock. Medicine has operated twice more ; she was not sensible of chill, but there has been a rise of fever ; indeed, the pulse is more perceptible than usual ; she has eaten some calves'-feet jelly, which produced much acidity.

14th. Chill at nine this morning ; only puked once last night, and got some sleep. At half-past nine, sinapism across the stomach ; has eaten two large figs this morning ; she thought that she " was out of her senses last night ;" she sighs deeply ; pulse good. At ten, sinapism ; and when it induced pain, Magnesia, $\mathfrak{z}ss$. ; she slept from ten to eleven, soundly, from the poultice.

Evening. Skin covered, as usual, with a cold sweat ; no passage to-day ; anxious for one. Cap. Cal. gr. ij . h. s., et Sal. A. $\mathfrak{z}j$. manè.

15th. Rested rather better ; took the salts early, which immediately produced a large discharge from the bowels, through the previous agency of the calomel.

2 o'clock. No chill yet ; has eaten some boiled lamb, and wishes to eat milk and preserves ; pulse fuller than ever ; medicine has operated several times ; better in all respects. 1829.

CASE. Miss —, a child. Aug. 22d. Ague at noon.

23d. A little feverish this evening ; skin open. Cal. gr. iv . h. s.

24th. Sal. A. (Epsom salts.)

Evening. No fever ; slept well this morning. Quinine, gr. ss . h. s. and gr. ss . manè.

25th. Evening. Some warmth of skin this evening, but has been well to-day.

26th. Mother thinks no fever. She had no fever last night. Quinine, gr. ss ., and rep. at ten. No return of ague. 1829.

CASE. Miss —, June 16th. Was taken last night with fever, attended with chilly sensations during the night, and headache. This morning the headache continues, with quick pulse, fulness of the face, which has a swollen appearance, with some redness suffused; the pain is seated about the vertex; has eaten nothing; tongue moist; has drank lemonade, water not having the proper taste. Being averse to calomel, I ordered \bar{z} ss. of Sal. A. i. Ant. tart. gr. $\frac{1}{2}$, at 12 o'clock; and to be repeated at two, if necessary.

Evening. The medicine operated once upwards, and then turned downwards; sitting up; pulse diminished in quickness and force; head much relieved; return of appetite; has eaten some bread and milk; repetition of the dose unnecessary; face completely reduced.

17th. Able to go abroad.

18th. Sick stomach this morning; no headache. Cr. tart. \bar{z} i., Sal. A. \bar{z} ij., at noon. She suffered the nausea, induced by eating bread and butter in a hot state. This is probably mild bilious fever; she felt chilly last night; though there was a change in the weather, after rain and thunder-storm; neglected to examine the pulse this morning; feels great disgust at the idea of fat meat; her stomach has probably been weakened by eating green apples.

19th. The medicine operated well, four times or more; perfectly well to-day; lively, cheerful, and engaged in her ordinary pursuits.

CASE. Mr. —, Sept. 8th. Taken at noon with chill and fever, attended with pains in shoulder, back, &c. Calomel, gr. v. h. s.

9th. Medicine operated most copiously; so clear of fever, that he took one grain of quinine; as soon as he got into bed, a chill came on. Took some salts very early in the morning, which operated, and brought away very fetid passages.

10th. Ague at 10 o'clock; great oppression and sickness of stomach during the afternoon. Applied a sinapism, and took two glasses of cremor tartar water, which relieved the nausea; stomach easy; no pain in shoulder or back, but weakness; pulse very rapid, and fuller than heretofore; skin generally warm; ague lasted three hours. Thought when he eructated, that he tasted the peaches this evening, just as they got into the intestines from the stomach, which he ate yesterday. Calomel, gr. v. h. s., Epsom salts, \bar{z} ss. manè; or as soon as he felt the calomel pass through the stomach.

11th. Medicine had operated very kindly, three times, by nine this morning; pulse quick; walking in his dining-room. To drink cremor tartar water.

Evening. A rash has appeared over the body; first on the wrist, and spreading thence; at half-past seven, pulse natural. He had gone to bed, and prepared to receive the chill, and to avoid bringing it on by retiring at a later hour. The rash itches much; it is

unlike urticaria ; may it not prove critical ? felt an appetite at tea, but ate nothing ; took milk and water tea only, in order to avoid sickness and oppression should the ague come on.

12th. Chill at 10 o'clock last night ; eruption intolerable, and induced him to throw off the bed-clothes : this morning very cold, and he remains with only the sheet and counterpane ; active pulse ; very little nausea now, but excessive after the ague ; it was short ; some of the eruption still remains. Salts, $\bar{3}$ ss. ; and Cremor tartar, $\bar{5}$ i. The very distressing nausea has been immediately removed in the night, by sinapisms to stomach.

Evening. Ague postponed till six this evening, attended with distressing nausea and retching to puke. Had several passages during the day ; small, though one was, he said, like the operation of calomel ; great throbbing about the internal parts, above the præcordiæ ; rash gone. At half-past seven, had a large, fetid, watery passage, and puked once or twice afterwards. At nine, got to sleep, immediately after drinking a tumbler of cold water, and was pretty well composed till ten ; extremities perfectly warm by nine. Calomel, gr. v., to be taken when he goes to bed, and a Seidlitz powder in the morning.

13th. The calomel had no effect whatever ; he did not feel as if he had taken anything ; very little fever ; pulse totally changed, since the day before yesterday, in the morning ; being weaker, slower, and indeed, perhaps natural : but the rash was again troublesome last night, and instead of heat (of the bed-clothes) rendering it more, relief was given. There were patches of considerable size appearing this morning, like small flea-bites, of the true urticaria character ; stomach feels much stronger, and says that he could breakfast, but for taking this medicine. Gave him three tea-spoonfuls of salts.

Evening. Calomel operated once after taking the salts ; this evacuation was the only truly bilious one since his illness ; as yellow as gold ; had two others, small and watery, but tinged with bile ; appetite at dinner, good ; but was obliged to join a little wine with his milk ; rash troublesome this evening. Directed a tea-spoonful of Salts, and one gr. of Quinine, o. h. 2, till 1 o'clock, A.M. ; very little fever this evening ; almost an intermission ; slight invasion of cuticular heat.

14th. Slight uneasiness of stomach, with some nausea at 7 o'clock this morning ; sinapism ; had a small passage in the night ; pulse somewhat quickened ; ate for his breakfast a little milk, with a few mouthfuls of bread ; took a dose of quinine at half-past eleven this morning, and drank a soda powder, which was very grateful. Saw him at half-past twelve this morning ; pulse fuller, probably from quinine, but not quicker ; not so much so as to forbid giving the quinine every two hours ; particularly as he had just had a larger passage than heretofore, since, he says, the commencement of the fever ; tongue clean ; head and stomach undisturbed ; was about to eat some rice and milk. Wished him to take the quinine

till six this evening, that being the time of the accession of the ague day before yesterday: probably it may not come on till ten or twelve to-night, as the paroxysm postponed four or six hours successively.

Evening. No chill this evening, but fever came on with very slight nausea, about 6 o'clock; took four doses of quinine, one grain each. Applied, for half an hour, a sinapism to the stomach, and one to the throat; the latter, for what reason, I know not; said he felt his head clearer than he had to-day. To take soda powders by way of refreshment; no lemonade to be had. Pulse, at 9 o'clock, quickened and increased in volume.

15th. Slept tolerably; rash gone; fever of last night continues. He will take soda powders; feels composed; has shaved himself, which, he says, was "hard exercise!" Drank a little milk for breakfast, which he diluted much; not the least disorder of head, let him place it in any posture, or shake it; no perspiration.

Half-past 1 o'clock. Took one grain of quinine at twelve, with one tea-spoonful of calcined magnesia; went to sleep, and enjoyed a pleasant nap, till half-past one; awoke covered with a universal perspiration, and cool skin: this is the first perspiration he has experienced, except a slight one about the chest. There is a clear intermission of fever. One grain of quinine to be taken every three hours.

16th. Was in a perspiration, after an agreeable sleep during the night; but there was a rise of fever, perhaps about 3 o'clock, attended with no nausea. He ate his breakfast of milk and bread. At half-past eight I saw him, and he had slight quickness of pulse; mouth clammy, and head not so clear as during the day, yesterday. Advised three doses of soda powders between this time and noon; and then to resume the bark, if his feelings did not forbid, and not to overgo 5 o'clock this evening.

Evening. Pulse still a little excited; but I saw him, after he had taken two doses of quinine, and eaten his dinner.

17th. Had his fever at six last night; felt great heat of skin last night and great heat of bowels; no passage since yesterday morning, except a very small one last night; head felt uneasy and disturbed; pulse did not correspond; pulse this morning scarcely excited; fever ought to be off at twelve to-day; said he would take rhubarb and magnesia this morning — \mathfrak{S} ss. of the former and a tea-spoonful of the latter, and try the Sandford's bark instead of the quinine.

Evening. He took a dose of quinine at 12 o'clock, which affected the head and produced heat of stomach. He imagined it contained arsenic, and began with the Sandford's bark: he took a dose at an interval of two hours, with no unpleasant effect, and continued it every three hours; rhubarb and magnesia only gave him a passage; the volume of the pulse greater, he supposed from the bark; no appetite yet, but eats enough.

18th. Had only another small passage in the evening; pulse

this morning slightly excited ; missed his fever at three this morning ; does not yet feel free from the effects of the bark ; had not his habitual passage, as in health, this morning. Advised the discontinuance of the bark. He is in the habit of drinking horehound tea ; took a half tumbler at half-past nine this morning, and was delighted with it. He will ride out this morning, at noon ; ate a most plentiful breakfast.

Evening. No return of fever ; had a good passage, after rinsing the *commode per association*, he supposes of good healthy aspect, but mixed with bile. Biliary Fever. 1829.

CASE. Mrs. ——. Remittent Fever preceded by Urticaria. Sept. 28th. Urticaria. Previous to which toe-itch, and inflammation of erythematous character on the instep and ankle. Cal. gr. vi., et circiter hor. 1 P.M. Sal. amar. $\bar{3}$ iss.

29th. Sal. A. $\bar{3}$ ss. ; Cr. tart. $\bar{3}$ ij.

30th. Rash still out ; feet sore ; toes have felt thus like toe-itch ; pained ankle on the other side was better ; face still a little swelled about the eyes, but less so. Medicine operated very moderately ; very little fever, if any. Cal. gr. iv. h. s., et Sal. manè cras.

Oct. 3d. Inflammation of instep and ankle, and swelling also reduced ; rash nearly gone ; face nearly of natural appearance ; was feverish yesterday ; has no appetite since rash broke out. This morning, skin above natural temperature, and pulse not natural ; stomach sick. Cap. stat. Cal. gr. iv., et post merid. Sal. A. $\bar{3}$ ss.

4th. Chill this morning, succeeded by fever ; some affection of head, sensation of opening and shutting ; rash almost gone ; feels much better. Cal. gr. iv., et Sal. manè. This is bilious remittent, succeeding nettle-rash.

6th. Fever last night ; chill this morning ; has lost no flesh till to-day, apparently, though she has eaten scarcely any food ; slight remains of fever this evening ; swelling of ankles and instep gone. Cal. gr. iv. ; manè Sal. amar.

7th. Distinct chill this evening at 3 o'clock ; calomel operated powerfully, and salts operated well ; very sick stomach, and face flushed this evening.

8th. Fever this morning, without chill ; no thirst, even during this fever ; lemonade ; water she finds disagreeable to the taste ; dislike to tea and coffee ; half a cup of the latter produced nausea this morning ; very little fever this evening ; pulse fuller than I have generally observed in her fevers ; slight headache ; general soreness of the body, particularly the back. Cap. Cal. gr. iv., et Sal. A. manè.

9th. Medicine operated well, but the bad taste continues ; calomel produced much griping.

Evening. Chill at noon (much earlier), and has felt chilly all the afternoon ; nausea great ; no thirst ; no pain of head, but has

slight delirium; skin warm, though she feels cold; even lemonade is disagreeable; she feels a slight pain in the left side.

10th. Headache this morning; less sick stomach; very chilly in the night; pulse discovers very little fever; tongue dry and whitish; no passage last night. Cremor tartar and magnesia to be taken directly, and repeated in ten hours, if no evacuation. Slight epistaxis.

Evening. Sick stomach to-day; very little this evening; resorted to powdered ice, which produced some effect, but still not the least thirst; has drank nothing; a little headache and pain in back still; pulse less in volume, and a little quickened; epistaxis once since the morning; only in a few drops. Cap. Cal. gr. iv. h. s.

11th. Salts this morning; the calomel brought away black bile, and the salts yellow; pulse still smaller, not easily perceptible; nausea great; powdered ice to settle the stomach; countenance very good; took a little lemonade, but rejected it. The quantity of bile discharged was very great.

Evening. Has missed the chill, but feels great fulness of stomach, although she has passed a great quantity of bile; nausea great. Epistaxis this evening, only a small quantity; pulse depressed, and not much quickened; skin not hot, except under the bed-clothes; extreme restlessness; complains of cold upon the least movement of air; the smell of an apple produces nausea. Applied a sinapism to the stomach: aided a large one across from right to left hypochondrium. *Depressio mentis*. Thirst for the first time.

12th. Passed a wretched, sleepless, and restless night; drank iced water; two passages in the night; face full, and she does not now discover signs of loss of flesh, after so long an abstinence; general soreness gone; but pain in the back still, on side of the spine; fulness of stomach; pulse like a wire, as to smallness; not much quickened; skin generally of good temperature; last night, more general warmth, and more thirst than before.

Evening. Pulse discovers more activity, with considerable fulness; nausea continues; no thirst; at one time to-day, felt as if she could eat a roasted oyster; more headache; feet cold; feels generally cold, though the skin is of moderate temperature; though not in exact accordance with the energetic state of the pulse. Cap. Cal. gr. iij. h. s., and Sal. A. primo manê.

13th. Rested pretty well; was extremely thirsty, but did not gratify her desire for water, from fear of salivation; pulse this morning almost imperceptible; calomel did not operate till the salts were taken; her stomach not so sick as the day before yesterday; countenance bombycinous.

Evening. Puked up bile this morning, after taking a little cold water; has had no ague; at six this evening gaped, and felt chilly; perhaps the symptom of the accession of the night fever; more cheerful to day; pulse quickened a little, and like a wire, but not wiry; thirsty; her nose has again bled, and more freely.

14th. I know not whether she has fever this morning; pulse

slower; bad taste in mouth still; puked bile last night, after drinking a little water; head easy, and stomach very little disturbed this morning; no perspiration yet.

Evening. Free at last from nausea; took a little mush and milk this morning; skin feels cool, and pulse more excited than in the morning, *though, she says, she has been warmer to-day than before.* Omit calomel to-night.

15th. Rested pretty well; tongue felt as large last night as two; it is perfectly clean and moist; some falling off of flesh about the face; pulse quickened; *continues to feel warm*; took the salts this morning; brought away a great deal of bile; no thirst; cough did not disturb her last night.

16th. Sore gums, and slight salivation; salts operated well; has eaten some milk and biscuit to-day, to relieve her weakness, which is very great.

17th. Sore gums, and spitting still; no appetite. Sal. amar.

18th. Felt hungry for first time; mouth still more sore. Salts in the morning.

19th. Salts operated very well, and spitting continues; but it is only occasional, and mouth still sore; no appetite yet for animal food.

20th. Spits still; very little fever. 1829.

CASE. Betsy, a coloured girl. Aug. 2d. At night ague, with puking of bile.

3d. At 8 o'clock, manê; at five, fever off. Cap. Cal. gr. vi. h. s. Sal. A. $\bar{3}$ i. cras manê.

5th. Fever last night, and again this morning. Directed P. jal. com. cras manê. Would give no calomel from the wet state of the floor.

7th. Some fever this morning, though better in every respect. The powder operated, as well as the calomel and salts the next morning.

Evening. Fever going off by perspiration; appetite this evening for the first time.

8th. Slept better. Epsom salts, $\bar{3}$ ss.; Cr. tart. gr. xlv.; Aq. q. s. Cap. statim.

9th. Convalescent. Tertian Duplex. 1829.

CASE. Miss —, Aug. 19th. Taken the 15th; on evening of 16th, took calomel, and next morning salts; on evening of 17th, calomel, and next morning salts; ague on 18th at night. To-day, at 11 o'clock, ague, with incessant puking. Sinapism to stomach; medicine operated well; brought up no bile.

Evening. Nausea continues; takes a spoonful of iced water now and then. Renew sinapism. Directed Cal. gr. vi., if she would take it, at 10 o'clock.

20th. Did not take it till nine this morning; at twelve, Cremor tartar, $\bar{3}$ i., Salts, $\bar{3}$ ss. Medicine operated several times, but puking continues; no ague at 8 o'clock.

21st. No ague at ten; puking continues. At ten, sinapisms on wrist and both ankles. At 6 o'clock this evening, skin cool, stomach sick, but puking, in a measure, ceased; requires constant fanning. Emplastrum vesic. epigastrio, et Cal. gr. iv.

Evening. The distress of stomach is so great, that she cannot speak; pulse very feeble; face pale, and skin cool; she is restless: the marks of congestion are very strong about the chylopoietic viscera; although she cannot or will not speak, she points to the stomach as the source of her anguish; pulse almost obliterated.

22d. Blister drew; had three discharges of pure blood from the bowels last night; skin perhaps a little warmer; face not so pinched, and pulse somewhat distinct; but the apprehension of death still strong; her sister opposed giving her the salts; she was desirous to eat water-melon; the juice was allowed her; she thought she required food, but no appetite; puking stopped; eighth day of fever.

Evening. Has puked several times to-day; this evening, it was very green; no more discharges of blood; calomel has not yet acted on the bowels; begged that I would not give her any medicine to-night; skin cold, but pulse perceptible; no chill. The attendants supposed the chill came on after I saw her.

23d. Had three passages last night, free from blood, the product of the calomel night before last; stomach still depressed; has taken the juice of water-melon this morning; pulse indistinct.

Evening. Cold sweat on superior parts; strangury; ninth day; no puking; pulse gone. Tr. op. gtt. xv. o. 2 h. Ague at ten, as usual.

24th. Has passed no water during yesterday or last night; the desire and efforts to pass water is not quite so great this morning; turns from side to side; skin warmer, and sweats less; thinks strangury from blister on 21st; stomach quiet. R. Tr. op. c. ʒss.; Sp. æth. n. ʒi.; Aq. ʒiiss. Give ʒss. o. 2 horâ. She had a flow of urine before the medicine reached her.

Evening. Much better; but the nurses are still compelled to fan her; she has been fanned day and night for several days; has eaten bonny-clabber, and a little peaches and milk; drank three wine-glasses of sangaree; pulse very distinct and quick; heat of skin still increased.

25th. She rested badly; slept none; tongue bilious; blistered surface open and sore.

Evening. Nose bled this morning; costive; warm generally; pulse natural; no sleep to-day; fanning still; enema; lies on the left side.

26th. Blister excessively painful; rested badly, but from the nurse's account, slept more than she supposed; missed chill yesterday; pulse a little excited, and skin also; tongue still yellowish; had a good passage from glyster.

Evening. Directed a milk and bread poultice for blister; the nurse supposed she had a chill this evening; has taken very little nourishment to-day, but has slept.

27th. Pulse full, and skin very warm; wished her to take a little Epsom salts, but she objected. The eruption of the nose, which she had before, or immediately on her sickness, and the blister on the stomach, are sources of irritation; directed simple ointment for both. Directed a glyster to night.

28th. Fever this morning, with very full pulse; they were about to wash the blister with sage tea, before dressing it. Craved no nutriment but water-melon; her thirst always great; she was allowed melon.

Evening. Pulse quicker and less full; skin hot. Directed a teaspoonful of salts in the morning, to be repeated if necessary.

29th. Gave more than one dose of the salts, which operated copiously; universal sweat this morning; pulse much less full, still quicker than natural; will eat nothing but water-melon.

Evening. Pulse nearly natural; skin of fine temperature, and better in every respect — but the ugly eruption on the nose, and the blister on the stomach.

30th. Convalescent. Bilious Fever. 1829.

CASE. Mr. —, Aug. 20th. Ague on the 19th, at 7 o'clock in the morning; sweated during the night considerably. Ague again on the 20th, at nine in the morning. Calomel, gr. viii. last night; and Pulvis jalapæ comp. ʒi. this morning; operated three times; puked, at one, some bad lemonade, made of spoiled lemons. Directed Epsom salts, ʒij.; to be repeated in an hour, if it did not operate; if it puked, not to repeat it.

Evening. His fever continued, with full pulse; salts have operated; head very slightly affected.

21st. Ague at ten this morning; complains of load at stomach; wishes to take a puke; did not sweat last night, as the night before: makes it double tertian.

Evening. Head less affected than yesterday evening, and fever less; no sweat. Calomel, grs. viii. h. s., and salts, manè.

22d. At 7 o'clock, upon taking the salts, he had an evacuation, feels less of oppression about the stomach; sweated a little last night; and his fever was not so high as the night before; he discovers some reduction of flesh.

Evening. Fever very high; ague at ten, this morning; slight alienation of mind; pulse very rapid; skin hot and dry; medicine operated well.

23d. Slept well the latter part of the night; pulse active; two passages in the night, one copious; drank some tea, and ate a mouthful of bread for breakfast; tongue thickly covered with white fur.

Evening. Ague postponed till 12 o'clock to-day; no passage; perspiration at seven. Cal. gr. vii. at nine, and salts, manè.

24th. Found him asleep; breathing easy; calomel had operated.

Evening. Salts have acted only in a slight degree; some ineffectual efforts; pulse reduced in strength, and perhaps in fre-

quency; had an ague again at 12 o'clock; no perspiration at 6 o'clock.

25th. Slept badly; night warmer than lately; less fever this morning.

Evening. Ague postponed till 2 o'clock, A.M.; pulse still more reduced; drank half a cup of tea; had retching, and stomach oppressed; no passage to-day. Cap. Cal. grs. iij. h. s.

26th. Slept none; fever lower; pulse slower; no passage from calomel; has taken salts, which is to be repeated if no passage takes place.

Evening. Much gastric distress this morning, before the operation of the salts; ague at two; wished for soda powders; complied, and told him he might use them *ad libitum*: great external heat about the epigastric region.

27th. Less heat about the epigastrium; pulse slower; black fur about the teeth; took two doses of soda powders, and a little salts, which operated; slept a little last night; very anxious about his situation; took a cup of coffee; had arrow-root prepared, but did not wish it. I saw him at two, the time for the ague; staid fifteen minutes; has slept this morning and sweated a little.

Evening. Ague postponed till 4 o'clock. Cap. Cal. gr. iv. h. s.; soda powders to be continued; after coming out of the ague, small, liquid, dark, bilious passage.

28th. The pill was given at nine, and the salts at three; this morning complaining of oppression; slept sweetly afterwards; pulse but little accelerated at the wrist; the action of the carotids appears too great. Directed more salts; had only one evacuation from the first dose, which was small.

Evening. Chill at half-past four, with the same hysterical restlessness and anxiety; lasted two hours; has had five liquid, small, bilious passages.

29th. Rested better last night; tongue quite clean; pulse slow — nearly as much so as natural; less heat about the præcordiæ.

Evening. Chill at half-past six: two hours later every other day, and on the intermediate day, a few minutes later than on the preceding day; this has been a quiet day; pulse slower and fuller; lost its fulness just before the ague. R. Cal. gr. iv. at 10 o'clock, and salts at 4 o'clock.

30th. Chill this evening after 4 o'clock; medicine operated better than usual; less nervous, and in better spirits; has eaten with some appetite and plentifully, of panada, &c.

31st. Felt a little rigor about ten last night, but slept well from one or two until six; somewhat moist above; skin generally of healthy temperature.

Evening. Chill at six. Calomel at ten, and salts at five in the morning.

Sept. 1st. Only one passage till half-past twelve, when he had another, when he got up to pass water; fæces better; passes water very often; it is limpid; slept not a wink last night; pulse soft, full, and slow; grins much; tongue dry and furred. Epsom

salts, ʒij., Cr. tart. ʒi. at 2 P.M. if no more passages take place. This is the 14th day.

Evening. Ague at half-past five; medicine operated during the ague; the ague is sensitive, like common ague unpreceded by fever.

2d. Bowels open; pulse still active; ate heartily of panada, for breakfast; ague at half-past five.

3d. No sleep last night; fever not off. Quinine, gr. i., and Salts, ʒij. Directed one grain every three hours, and salts if necessary.

4th. Took four doses of quinine and salts, which operated in the evening, just at the time of the chill, which was extremely slight; and he had several evacuations in the night, and one this morning; felt, he says, strong from the evacuating; pulse still active; no headache or nervous affection last night, but slept. At six, one grain of quinine, *per se*; if headache, give salts: one dose of quinine every three hours, until 3 o'clock, P.M.

Evening. Ague had not come on at half-past six. Much better to-day; ate for his breakfast a soft egg, and for his dinner bread and butter, and two soft-boiled eggs; four doses of plain quinine; free passages, probably from quinine.

5th. Chill postponed till half-past nine, last night. Directed five doses of quinine to-day; pulse excited still, too quick.

Evening. For the first time, a clear intermission of fever; skin moist and cool; sitting up all day for the first time since his seizure, and wished to be indulged till 9 o'clock; ate a good dinner; only one slight passage to-day, late this evening. If none during the night, directed some salts with his quinine, very early to-morrow; ate three eggs for dinner; taken fruit, &c., during the day, and four doses of quinine and salts, and will take one more.

6th. Missed his chill last night. Took a dose of quinine with salts this morning, and evacuated once.

Evening. Released from his confinement.

7th. Well; no more quinine to be taken.

8th. No return of fever. To take a little Epsom salts, if costive.
1829.

CASES. Bilious Fevers at — (a place near James' River, a few miles from Williamsburg). CASE 1st. Had been ordered for Miss —, on the 7th day of a bilious remittent, affecting the head — the patient constantly delirious, with pains in the feet — after previous evacuations with calomel and purgatives the following powders, with a blister to the back of the neck:—R. Ipecac. gr. ij.; Calomel, gr. xvij.; Sal. nitr. (nitrate of potash), gr. xlviij. M. et divide in ch. vi. Cap. 1. o. 2. h. donec alveus solut. — si alveus non respondet post quartam vicem deinde cap. Ol. ricini, ʒij. She had taken two, when I saw her; skin moist; head less affected from the blister, and pulse moderate; face less flushed. I thought proper to give the oil immediately and stop the powders. August 16th. 1829.

18th. Took Ol. ricini last night; operated well; fever rising this

morning. To-morrow being the later day, directed three grains of calomel, h. s., and Ol. ricini, manè.

24th. Convalescent. Directed to keep the bowels open; appetite returned; pains in lower extremities much relieved, though there is a remnant still of fever, with a spot of red on the cheek occasionally.

CASE 2d. Aug. 16th. Taken to-day early with a chill; fever this afternoon, with extreme headache. After the administration of calomel, he had been ordered, at twelve, Sal. A. \bar{z} i. He could not retain it, and brought up much bile. I then gave him Carb. sod. $\bar{\text{v}}$ ij.; Sal. A. \bar{z} ss.; Acid. tart. gr. xxxv.; Aq. \bar{z} iv. — which was rejected. I then commenced Salts, \bar{z} ss., as soon as the stomach would bear it.

18th. Took eight grains of calomel last night, and salts this morning. Headache great; no medicine has operated well. He had taken, just before I saw him this morning, Cal. gr. iij., Nitre, and $\frac{1}{8}$ gr. Ipecac. I gave him, Cr. tart. \bar{z} ij. i. Aq. bullient. $\bar{\text{h}}$ iss., as drink, in about an hour; said he felt better; skin became moist. Directed Cal. gr. x. to-night, and P. jal. c. \bar{z} i., in the morning. It is probable he got none of the calomel, as the medicine has been mixed in water. His medicine operated well; cough continues. Notwithstanding, I directed three doses of quinine to-morrow, with salts.

22d. Head was too painful, and omitted the quinine. Had an ague, the first very distinct one, in the night, at eleven or twelve. At eleven this morning, fever subsiding; sore gums; pain in one side of the head; parotids not swelled; tongue white; only slightly furred. Ventured on five grains of calomel to-night, and cremor tartar to-morrow morning.

24th. Directed quinine; head relieved; missed chill.

CASE 3d. Mrs. ——. Expects a chill to-morrow at noon; had one yesterday. Has the piles, which have compelled her to take a dose of salts every morning. Having had an ague yesterday, I advised Cal. gr. iij. at bedtime, and salts very early in the morning; she had a child a fortnight since.

18th. Much relieved by the calomel.

CASE. Moses, a servant. Sept. 27th. Taken on the 25th, with a chill in the morning, and on the 26th, with a chill in the evening. Fever attended with colic. This morning easy; fever low; skin moist. Cal. gr. iij. statim, and Ol. ric. at noon.

28th. Chill yesterday evening, and fever all night; not off this morning; pain in lower belly. Sinapism.

Evening. Ague at ten or eleven. Cap. Cal. gr. viij. h. s., and Ol. r. manè.

29th. Medicine operated well; he is up, and walking about in expectation of his ague this evening.

Oct. 1st. Little fever; some appetite; no return of abdominal

pain ; took no medicine last night ; forgot to see him yesterday ; had an ague in the morning. Sal. A. in Aq. menth. statim.

2d. Rested well ; missed the ague last evening ; salts operated in a quarter of an hour after taking them, and continued all day ; operated better than any medicine before taken. This morning, has some warmth of skin, and headache ; no appetite, possibly the morning's fever coming on without the previous chill.

Evening. Has been about all day. 1830.

CASE. Mrs. —, Oct. 27th. Unwell for some time ; lost flesh ; become sallow ; appetite had failed ; bad taste in the mouth. To-day has been chilly, though the weather is warm for the season ; pulse not quickened this evening, but hands cold. Cap. Cal. Æss. h. s.

28th. Calomel did not operate ; took a dose of salts ; head felt extremely heavy ; face somewhat flushed.

Evening. Still bad taste, bitter rather ; head easier ; skin moist ; pulse quick and more open ; medicine operated moderately.

29th. No sleep ; pain in back.

Evening. Chill came on about nine or ten, and lasted several hours ; she was obliged to heap the bed-clothes on ; she complains of great heat in the mouth ; pain in the back and limbs, by the weight of the bed-clothes ; soreness of the flesh intense. Has not taken any food since yesterday, except one mouthful of tea, which tasted very badly ; great desire for ice ; pulse open ; skin soft. Cap. Cal. gr. viij. h. s. ; Sal. manê.

30th. Slept better ; calomel did not operate ; took salts ; soreness of the flesh gone, and headache diminished ; pulse discovers more activity than I have usually observed in her fevers, for it has been indistinct, and sometimes imperceptible ; stomach same.

Evening. Head quite relieved ; medicine operated much better than the last ; has not been able to drink anything but a cup of tea ; craves ice, which cannot be obtained ; water sickens her ; feels cool this evening ; hands cold and pulse quick.

31st. The cool feelings last night were succeeded by an ague of some continuance ; she was obliged to apply hot bottles to the feet &c. At half-past eight this morning, pulse as fine as a thread, but face looked pale ; bitter taste and weakness at stomach ; *no thirst yet* ; craving ice ; the time for the morning chill is come ; perfect double tertian.

Evening. The chill lasted till dinner-time. At five, this evening, pulse a little quicker ; skin getting soft ; face much flushed ; head felt heavy ; *thirst* has at last come on ; medicine has continued its operation, and the passages are more bilious and dark : she is low spirited ; thinks she is worse ; and asks if she shall ever get well ; feels pain in the left side now and then. Cap. calomel, gr. vi. h. s., and Sal. manê. She has looked sallow and badly for some time, and had lost flesh, which makes her more solicitous about the event of her present indisposition.

Nov. 1st. Spitting continuous, and offensive to her smell; skin moist and hands cool; feet cold; bottles of hot water applied; head quite easy to-day, medicine has operated still better; passages darker black.

2d. Pulse indicates no fever; she had no distinct accession of ague, but was chilly all night; continues sallow.

Evening. Has felt more general warmth to-day, and some return of appetite; no distinct ague this morning; the water which she drinks still tastes disagreeably.

3d. The pulse is weak, and perhaps rather quick; tongue sore. Epsom salts, ζ ss. \bar{i} . P. soda. Slept badly; looks languid; face reduced at last.

Evening. Cheeks sore inside; spitting continues; jaws not swelled, but tongue feels stiff; very little fever; no chill at half-past five.

4th. No chill last night, though she was cold up to the knees, from the change of weather (wind N.W. and cold, after a long Indian summer); spitting less; can put her teeth together without feeling soreness, which I have generally observed was one mark of mercury not affecting the system.

Evening. No distinct ague, but rise of fever, with coldness all day of extremities up to the knees; gums not sore; spitting has the mercurial fetor, pulse quickened and more distinct.

5th. Sick stomach last night; very little fever this morning. Cap. Sal. A. coch. \bar{ij} ; and Cr. tart. coch. \bar{i} ; statim.

Evening. Spitting continues; pain in the back left her entirely; hands a little cool, though she is not sensible of a return of chill; medicine has not operated so fully.

6th. Bad night; considerable fever; has not yet had any perspiration; pulse hardly febrile.

Evening. Has had much fever to-day; pulse more active and open than I have usually observed; spitting has been considerable this morning. Cap. Cal. gr. \bar{iv} . h. s. and Sal. mané.

7th. Rested better; calomel operated; salts have been taken; pulse reduced in force and quickness, from nausea induced by salts.

Evening. Spitting less last night and to-day; perspired last night for the first time; saw late, no appearance of chill; pulse slower, as slow perhaps as natural; no cold feet to-day.

8th. Slept well last night, she says almost too much; pulse like a thread and rather quick, though she is dressed, and about her room. Spitting still less; sore mouth nearly gone; but stomach feels still weak, with bad taste.

Evening. No signs of fever this morning; sitting in bed, engaged in knitting; skin moist; pulse natural.

9th. Slept well; spits still; feels no appetite; bowels open; pulse nearly natural.

10th. Spitting continues. Cr. tart. $\zeta\bar{i}$; Epsom salts, $\zeta\bar{ij}$. Cap. statim.

Evening. No return of fever; spitting lessened by the physic; engaged at her knitting work. 1830.

CASE. Mr. —, Oct. 6th. Ague at ten; puking and purging of blood and bile, though very little of the former.

Evening, 7 o'clock. Sleeping, and is perfectly easy, and without fever; no medicine advised.

8th. Chill again at ten; no puking; had two bilious passages.

Evening. Fever going off. Calomel, gr. v., and Epsom salts, $\bar{3}$ ss.; and Cr. tartar, $\bar{5}$ i. manè.

9th. Very little fever; no nausea from calomel; medicine operated well; appetite; allowed a little salt fish.

Evening. Perspiration.

12th. Calomel and salts, manè.

14th. Up; skin moist; pulse scarcely febrile.

Evening. Missed fever. Bilious Fever.

Cases in one Family. CASE 1st. Mr. —, Oct. 3d. Ague about ten in the morning yesterday; puked breakfast, and again in the evening. Pil. hydrarg. gr. v. h. s. Slept all night; says he shall always in future, take the blue pill.

Evening. No fever; skin moist.

4th. Rise of fever last night; ague expected at nine, to correspond with the morning of the 2d; very slight chill at ten; puking continued till 2 o'clock; occasioned soreness of chest, and a slight sanguineous streak was observed in one of the discharges; a mustard poultice was applied at two, and remained on half an hour; fever then rising fast; stomach composed.

Evening. No return of puking; but complained of exquisite pain in the back; but the skin becoming generally moist, he is now relieved of all his pains. Cal. gr. viij. h. s. et Salts, manè.

5th. At half-past eight, the calomel and salts had not operated; directed more salts at ten, if necessary; no fever; sweats; very sallow.

Evening. Medicine operated well; not done at five; cold hands.

6th. No fever last night; perhaps at half-past nine it may be rising.

Evening. No fever to-day, or last night; so he has missed it.

CASE 2d. Mrs. —, Oct. 2d. Chill about two; perspired in the night, and pains relieved. Calomel, gr. v. h. s. et Ol. ricini, manè.

3d. Oil puked her; great sickness during the morning. Seidlitz powders with Succ. limon. $\bar{3}$ ss.

Evening. Fever still.

4th. No fever this morning; none at half-past two, and no bad feelings indicative of the aguish accession.

5th. Fortunate to have no return of paroxysm.

CASE 3d. Miss —, a child. Chill yesterday afternoon went off, and fever rising this morning.

Evening. Very little fever; skin moist. $\frac{1}{2}$ gr. Quinine at bedtime, and every two hours to-morrow morning.

7th. Taken four doses; chill came on again. Cal. gr. iij. h. s. et Ol. r. manè.

8th. Medicine operated twice only; fever slight to-day.

Evening. Skin generally moist. $\frac{1}{4}$ gr. Quinine, h. s. et o. 2 h. manè.

9th. Took four doses by ten this morning.

Evening. Missed chill.

CASE 4th. Miss —, a child. Oct. 9th. Chill day before yesterday, yesterday afternoon, and to-day. Has taken calomel and castor oil after second fit. Directed magnesia to-night; and to-morrow by the dawn of day, $\frac{1}{4}$ gr. Quinine o. 2 h.

10th. Chill at half-past two.

CASE. Mr. —, July 24th. Ague last night at nine, when he took calomel, ℞ss.; which did not operate till this morning, after taking P. j. c. ℥i. Operated six times; brought away green bile; fever rose at noon; pain in lower bowels, becoming lower as if something wanted to come away; fever high. Calomel, ℞ss. h. s., and Seidlitz powder in the morning.

25th. Medicine had only operated once. Directed a Seidlitz powder every two hours; fever subsided.

Evening. Took no medicine since 9 o'clock; had a dozen passages, watery and lighter coloured.

26th. Rested better; but little fever this morning; missed the chill last night.

Evening. Chill at 2 P.M.; pain in back. Seidlitz powder; did not operate. Calomel, gr. viii. h. s.

27th. Sick this morning from calomel; fever off; sweated much; no evacuation. Take Seidlitz powders; pain in back went off in the night.

Evening. Ague at five; at eight, pains easing off; frequent small passages.

28th. Slept well; no passage in the night; fever low.

Evening. No passage to-day; ague at three, of two or three hours duration; found bathed in sweat; skin generally moist; no watery discharges; feels a tightness about the head. Calomel, gr. viii. h. s.

29th. Clear of fever; Calomel operated twice for first time.

Evening. No chill at one; took two Seidlitz powders; from which he had two passages; sleeping all day; lost his relish for lemonade; bile perhaps corrected.

30th. Slept well; a little heat of skin this morning; tongue white. Gave Quinine, gr. i., with Epsom salts, ℥ij.; in three hours, to be repeated three times, with salts, if necessary.

Evening. The salts were used only with two doses; they have operated more copiously than any medicine heretofore taken,

bringing away much feculent matter, with a great deal of bile frequently. Ague at four.

31st. Rested well; skin warm. Quinine, gr. i., and Epsom salts, ζ i.

Evening. No fever; rested badly. Repeat Quinine at nine and twelve, with salts, until it operates.

August 1st. Scarcely any fever; no sensible accession at one. Left Quinine to be taken early to-morrow, with Epsom salts, ζ i.

Evening. Took three doses of Quinine, first two with salts; one or two evacuations; missed ague and fever; appetite returned, and complaining of its being too great.

CASE. Mr. —, July 21st. Chill at twelve; had taken calomel early, and jalap and cremor tartar; puked up in chill, but operated. Directed a Seidlitz powder, or salts, ζ i., in the morning, and, to-morrow night, calomel. Head aches; stomach more composed; sick with fever and, loss of appetite.

22d. Chill at eleven. Calomel, h. s.; operated copiously. Salts, manê.

23d. Chill at half-past one, P.M. At half-past one, A.M., Quinine, gr. i., and Salts, ζ i.; at four and at ten.

24th. At two, pulse quickened; no ague; skin warm; universal perspiration; nausea and other ill effects of bark; ague came on immediately after I left him; symptoms very mild. At nine saw him; said he had taken at 8 o'clock, feeling weak, Quinine, gr. i., and a Seidlitz powder. I had directed him to take the quinine at eight, upon the supposition that he would not have the ague; his pulse quickened, but skin quite moist. He complained of stricture in the bowels; not relieved by Seidlitz powder, which he had taken; advised Calomel, gr. vi.

25th. Took the calomel, and some saline medicine this morning; still not well; medicine operated well; at 2 o'clock no chill; felt premonitions half an hour sooner yesterday; perspiration constant.

Evening. Missed chill; very little fever.

26th. Much oppression of stomach in the night, for which he took Calomel, gr. vi., and this morning it operated well; pulse still febrile; no desire for water; expectorated enormously, and is doing so to-day, from his habitual cough.

Evening. A little febrile action; thinks he has dyspepsia. Cold chamomile tea in the morning.

27th. Exacerbation of fever as usual in the night. A Seidlitz powder this morning, if the fever subsided; dissolve it in Infus. of chamomile, and throw upon it Acid. tart. The bile which he has been discharging, dark. More calomel, I thought, might be necessary to restore its healthy secretion. Has taken no chamomile at all; took a few Seidlitz powders, plain; the last passed crude bile.

Evening. Cal. gr. vi.; pulse febrile.

28th. Rested well; calomel operated twice. Take a Seidlitz powder.

Evening. Passing dark bile several times during the day; omit calomel to-night; fever kept up all day; subsiding now; head and eyes not at all affected during this fever; although in health, they suffer much from light; he has not complained of any intolerance; the stomach has not suffered from nausea either.

29th. Fever nearly off; pulse full; skin moist; no thirst; rested well.

Evening. Slight fever to-day. Cal. gr. vi. h. s.

30th. Had an exacerbation of fever last night; has taken three doses of Seidlitz powders, without effect; none from calomel; skin and pulse nearly natural; skin open.

Evening. Medicine did not operate till late; pulse more excited; rise of fever this afternoon; skin dry, and rather warm for several days; weather cooler.

31st. Fever continued, but rather weak; pulse this morning, quick; some uneasiness of head.

Evening. Pulse almost natural. Cal. gr. vi. h. s.

August 1st. Pain over the eyes; rise of fever last night. Salts, carbonate of soda, and lemon juice; to be repeated at ten, if necessary.

Evening. Took two doses of the Epsom salts, and two or three of Seidlitz powders, before sufficient evacuation; passages still dark; fever this evening, low; expectoration profuse still; no pain over the eyes, or other pain.

2d. Fever rose at three this morning, and at two yesterday afternoon: there are two exacerbations daily. He took Quinine, gr. i., perhaps improperly, this morning, with Epsom salts, \mathfrak{z} i.: took another with salts at half-past ten; by eleven had copious evacuations.

Evening. Chilly sensations at seven, after drinking a glass of cold water; suspicious; postponed quinine till morning; pulse quickened. At half-past eight or nine, received a note from him, saying that he felt a glow of heat at the pit of the stomach, and was languid, and desired to know if he should take calomel. I directed its omission. The postponement of fever might have been induced by the quinine.

3d. Some quickness of pulse; great langour. Quinine, gr. i., and Salts, \mathfrak{z} i.; to be repeated at 10 o'clock; no perspiration.

Evening. Chill at nine last night, and chilly feelings all night, and high fever; pulse this morning rather excited, and somewhat tense, and he feels great pain over the eyes; tongue dry and white. Cap. Cal. gr. iij. statim, and salts at eleven o'clock.

4th. He ate apples and milk, late last evening, for the first time, after almost starving. Half-past ten, great excitement developed; pulse full and quick, with more tension.

Evening. Still excited pulse. Taken two or three doses of salts, small; operated three times pretty well, and puked once green bile, from second dose.

5th. Perspiration general this morning ; medicine operated several times in the night ; slept well ; the passages this morning tearing and small, with a little mucus.

2 o'clock, P.M. A dose of salts : one tea-spoonful operated, and removed this tearing, mucous discharge. He asked me if I thought him in danger ; I told him no. Then his wife ; I answered not in immediate danger, and that the fever still observed its type ; every day almost noon ; one day it may be a little earlier, and the next later, and so on.

Evening. In a perspiration all day, till this evening ; but as yet, 7 o'clock, no chill, or sensible rise of fever.

6th. Very little fever ; had a good, easy passage in the night, without tenesmus.

Evening. Some uneasiness about the head and face, with a little more tension and quickness. A tea-spoonful of salts, and another in the morning if necessary ; spirits elevated, after being much sunk for two or three days with taciturnity, from the extreme illness of his wife, who was sick in the opposite room ; had an interview with her, and found her better, which has wrought this change.

7th. Rested well, but fever very high ; the salts taken last night had not operated ; took one tea-spoonful more ; tongue white and very dry. Calomel to-night, if salts should not operate.

Evening. Salts operated well, but fever keeps up ; the cough has been troublesome ; he was obliged to close the windows to induce perspiration, which relieved him in a measure ; pulse tense and rather quick ; drinks barley-water.

8th. Rested very well ; pulse softer ; no headache.

Evening. Headache, or a little sense of fulness over the eyes ; no passage. Repeat salts, and the same early in the morning if necessary.

9th. Salts operated three times slightly, but have relieved the cough somewhat. Supposing that a full evacuation would tend to lessen the inflammatory diathesis, directed another dose. The end of his nose has been inflamed for several days.

Evening. He has taken two doses of the salts, which have brought away much dark, bilious matter ; pulse less tense and frequent ; breast and head relieved ; cough much less troublesome ; nose less red.

10th. Rested well ; wind north-west ; cough did not trouble him ; expectorates freely this morning.

Evening. Rise of fever ; eat a little bread and milk late ; salts at bedtime.

11th. Fever low. Repeat salts, and repeat again at 11 o'clock, if necessary.

Evening. Very little fever ; no tension of pulse or preternatural quickness.

12th. Had taken some gruel, and I found the pulse excited ; rested well.

Evening. At twelve, a chill. Cap. cal. gr. iij. h. s.

13th. Rested well; calomel did not operate: salts operated at 7 o'clock; coughed only once in the hour while I staid with him, and it was so loose as to indicate the speedy operation of the medicine, which indeed soon succeeded it; he does not complain of the cough. The ill-conditioned passages which he had the day before yesterday, and their scalding effect on the fundament, determined me to give the calomel last night; the redness of nose is fading; almost lost its red appearance entirely, except a very small spot.

Evening. Medicine operated moderately; very little fever this evening. Has eaten sufficiently to-day, and has an appetite this evening, but fearing an increase of fever, forbade eating.

14th. Fever rose in the night with pain over the eyes, which is there still; very little fever. Cap. Cal. gr. iij., and at ten, salts.

Evening. Has taken three doses of salts, which puked him. Saw him at half-past four; left him at half-past six, without nausea; no evacuation; pain over left eye. Take a dose of salts at eight.

15th. Medicine operated in the night three times; "the stricture, he says, upon the biliary ducts is removed;" pulse a little quickened, but not tense. A tea-spoonful of salts this morning; he took nourishment yesterday, and was very much exhausted in the night, but drank barley-water lemonade, which he is now using. Is not the liver now concerned more than the lungs? Is it not a partial translation? His cough is nothing, comparatively. The redness of the nose discovered some sympathetic action with a disordered liver; the redness now nearly extinct, scarcely observable.

10 o'clock. The tea-spoonful of salts operated three times; passages bilious; pulse and feelings good, and countenance more cheerful.

Evening. Pains shooting about the forehead and eyes; medicine operated six or eight times slightly; pulse quickened.

16th. Had a large, dark, mucous passage this morning, which has lowered the fever; scarcely any uneasy sensation about the head this morning; face pale; yesterday looked like health; some quickness in the stroke of the pulse; frequency somewhat diminished.

Evening. Pulse below par in force, and in frequency very little above; no uneasiness any where but in the *region of the liver*; has taken no nourishment since the morning, from "fear of reaction."

17th. Slept better than for many nights; if there was a rise of fever, slept through it; has a little uneasiness in the side about or below the region of the spleen, when he coughs; lies with ease on the right side; pulse a little more excited, though less, he says, than before he took Salts, ζ iss, at 7 o'clock this morning, and face not so pale as last night. From which circumstances, he must have had a slight exacerbation of fever last night. Some little shooting pains in the forehead, also. I told him that the slight obstructions produced in the liver, spleen, and other organs, might be removed by light aperients. I directed some light food by 10 o'clock, if the salts did not operate.

Evening. Great change in the temperature; immense fall of rain yesterday evening and night, and to-day till 12 o'clock. Chill; medicine operated three times; pulse more active; feet cold; wrapped in a blanket.

18th. Shortly after I left him last evening, the fever was completely developed, and he had to throw off all the covering, but the sheet; had six passages during the night, feculent and small, he supposes, from taking cold; but most probably from the repetition of the salts once or twice, which I did not mention in my yesterday's report, in the forepart of the day. Expectoration this morning, free and loose; Fahrenheit's thermometer down at 70° this morning; no appetite; mouth feels feverish; tongue white in the middle, and dry.

3 o'clock, P.M. Thinks his fever at the height about 10 o'clock; has felt pain in the head, across his breast, in the region of the liver, and spleen. At present the pulse is soft, and, he thinks, the fever declining.

19th. Rested well, with no rise of fever; pulse soft. A tea-spoonful of salts, at seven this morning.

Evening. Medicine operated three times, the last time about 3 o'clock: it operated in the ague, and he was so weak as to be compelled to use the bed-pan; face rather pale; cough more troublesome than usual, and he expectorates much; thirst great; drink lemonade.

20th. Had three passages in the night and one this morning; fever subsided; tongue white and dry; expectorates freely; the day before yesterday fever high, with other symptoms contraindicating the quinine; but from this morning's remission, returned to a grain, to be repeated at twelve, if no fever rises.

Evening. Took both doses of quinine with no increase of fever; pulse this evening nearly as slow as natural; soft and sufficiently full; has some little stricture about the bowels; no passage. As the night was very cool (thermometer down at 76°), instead of taking salts and bark, as he proposed, advised, if uneasiness of bowels increased, to take, late in the night, a common glyster.

21st. Hot and restless, for want of a passage; the stricture about the spleen, as he calls it, remained all night; pulse indicates little or no fever. Quinine, gr. i., and ʒiiss. Salts. Repeat at ten and twelve with salts, if necessary.

Evening. Quinine and salts twice, and at twelve quinine alone. Three passages, and could have had a fourth, but too weak to get up; cold feet at two, and fever afterwards; pulse at six moderate.

22d. Two or three passages in the night; one pretty full, early this morning; skin moist for the first time for many days. Quinine, gr. i., at 7, 11, and 2 o'clock; rested latter part of night; fever too high in the former part.

Noon. Pulse fuller, and not very quick. Took a dose of quinine at eleven; omit the 2 o'clock dose; directed some bread and milk in an hour; has eaten nothing for several days.

Evening. *Skin moist*; no rise of fever. Repeat quinine.

23d. Slight passage in the night, of a little "clotted matter," and a rise of fever; skin moist still, and pulse moderate. Quinine and salts, at seven and ten; no passage at twelve. As the chill is expected at two, desired both to be discontinued; at twelve, took nourishment, barley-water lemonade.

Evening. Medicine operated at one; general perspiration; three passages; apyrexia; missed chill entirely. Cough, spitting, and extreme weakness continue.

24th. Frightful dreams last night, and a slight rise of fever, probably; to take rice and milk to-day, and omit medicine.

Evening. Four passages to-day, unsolicited; whenever he sleeps, awakes in a sweat.

25th. No fever; avoided the sweats, by lying thinly covered; tongue moist; a little discoloured in the middle.

Evening. Missed chill again, and no fever this evening; no passage since yesterday; bowels feel oppressed. Salts with mint-water.

26th. Slept well till two this morning; no fever, but a little increased heat of skin; no passage. Repeat Salts at eight, if it should not operate.

Evening. No fever; has taken a custard, &c., which he is allowed every day now, to take at dinner. The salts which he took last night, though slow, operated well; when he rises from the pillow he feels a fulness of head; he will be able by-and-by to accommodate himself to the erect posture.

27th. Inquires this morning if fever has completely terminated; pulse as nearly natural as can be; had a spontaneous passage this morning; secretion of the mouth resumed; tongue quite moist, and a little white deposit in the middle; formerly quite dry; ordinary breakfast of bread and milk, and dinner of baked custard.

Evening. Says he is recruiting; wishes to take the warm bath, to clear his skin; no fever.

28th. No passage; since yesterday morning, a tea-spoonful of salts.

Evening. Salts operated three times this evening; no fever.

29th. Salts operated in the night; no fever.

Evening. Has sat up two or three times in the easy chair; no fever; taken some chicken-soup — first animal food.

30th. No passage. Salts to-night: improvement in eating; bread and butter, and chicken for dinner.

31st. Salts again this morning; only operated twice; to take these only when oppressed.

Sept. 1st. Convalescent.

2d. Salts, h. s.

9th. Ague this morning. Cal. h. s.; Salts, manè.

14th. Pain in epigastrium with headache. Cal. gr. iij. h. s., and Salts, manè. Rides out.

16th. Repeat Calomel, h. s.; Infusion of horehound three times a day, with Salts, when necessary; wished one shutter closed to keep out light.

19th. Thinks he has a rise of fever morning and evening ; no appetite ; skin clear ; jaundice, when I last saw him ; took salts this morning. Directed Calomel, gr. iij. h. s.

25th. He is engaged in his usual occupations, but fevers continue ; face pale ; he is thin. 1830. Bilious Fever.

CASE. Mrs. —, July 25th. Headache and catarrh. V.S.

26th. At eleven at night, parturition. Laudanum, gtt. xxv.

27th. Headache great. Seidlitz powders, and Salts, \mathfrak{z} iv.

28th. Salts. No sleep this night.

29th. No headache ; catarrhal symptoms gone ; slight fever early. Salts, \mathfrak{z} vi. : sick all day ; chilly ; pain in back and loins, with no headache. Salts began to operate in the evening, got sick from oppression after having three passages, and felt stronger ; skin moist all day ; medicine did not operate till the fever declined, and of course will operate more.

30th. Medicine operated during the night ; rested pretty well ; no headache ; other pains relieved, but feels extremely weak, tremulous, and weary ; the pain in the back yesterday was rather a sense of extreme weariness ; no appetite ; has eaten a few soft peaches ; pulse rather quick and weak ; skin cool.

Evening. A little qualmish ; has only eaten three peaches and a little milk since the morning ; stomach a little sour. At 8 o'clock, Calomel, gr. v., and some Henry's magnesia after it. Directed Carbonate of soda, \mathfrak{z} ss. ; Epsom salts, \mathfrak{z} i., and some Lemon-juice in a draught, by the dawn of day. Assuming the character of bilious remittent. If the sick stomach increases in the night, Henry's magnesia, half a tea-spoonful occasionally, washing it down with lemonade.

31st. Rested badly ; medicine operated copiously ; great prostration ; pulse quick ; sinapism across the stomach ; this procured temporary relief ; nausea however returned ; she was so weak this morning that she was obliged to use the bed-pan ; complains of great oppression ; continues to suckle the baby ; complexion bombycinous, and about the chin and nose livid till 1 or 2 o'clock, it then cleared ; but the nausea continues, and a disposition to puke ; has not puked, however, since in the night. Pulse at two not so full as during the morning. The magnesia taken in the night, aided by the lemonade, procured sufficient evacuation, without giving the soda and salts. There have been no chilly sensations, as the day before yesterday. When I saw her this morning, she had all the windows shut, fearing an ague ; I threw them open. The nurse says, she has not suffered so much to-day as the day before yesterday. Doubtful.

Evening. Delirious, and sometimes stupor ; when roused, says she feels languid ; fever lower ; skin cooler. Cal. gr. vi. h. s.

Aug. 1st. Fever lower ; intellect distinct ; calomel operated three times ; very sick at stomach ; very yellow eyes. *Great feeling of distress, which is owing to disordered chylopoietic viscera.* Repeat Salts, Soda, and Lemon-juice.

10 o'clock. Much better ; skin clearer and cooler ; pulse nearly natural ; mind perfectly natural ; has just suckled the child. Epsom salts, ℥iij. in three ounces of water, immediately afterwards. Calomel operated three times, and salts twice or thrice, but very small passages, which induced me to give the salts ; she requested, or hinted, to have them *per se*.

Evening. Salts operated five times ; no delirium, but great nausea ; fever moderate. Apply a sinapism occasionally to stomach. Cal. gr. vi. h. s.

2d. She puked before she took the calomel last night, and afterwards. Less intellectual disturbance this morning ; pulse frequent, with some fulness ; this is variable, from the varying state of stomach, but the nausea still continues ; cannot now nurse the child. Gave her a dose of Salts with Soda powders, which discharged a quantity of thick mucus — from stomach. Took a dose of Salts, at nine ; had not operated, but in a very slight manner, at half-past ten. Applied a very large sinapism to the stomach, and directed a glyster ; mind maintains its ground, yet under extreme nausea ; not so much stupor as the day before yesterday. Immediately after taking the salts, had a general chill ; it was not, however, succeeded by proportional reaction. The fever which she has now, rose in the night.

Evening. Complains of trembling and cramp ; nausea continues ; medicine operated well ; mind distinct as in health. Cal. gr. iv. h. s., and Salts, ℥iiss. manê. Thirst much diminished ; *suppose fever must be lower* ; pulse soft, and very slightly quickened. Ninth day, if we calculate from the accession of fever on the day before labour.

3d. A tea-spoonful of salts at three this morning ; slight evacuation ; another dose at seven, and another at eleven, if necessary ; a large sinapism on the stomach — put her to sleep ; it remained on too long, and induced too much excitement ; nausea still, but slighter ; pulse pretty full, and rather quick.

Evening. Nausea excessive ; chill at noon ; subsultus ; tremor, and great depression. Omit calomel.

14th. Extremely low and prostrate all night ; talked of her friends, and gave herself up ; fever low during night, rising at seven this morning ; complains of pain and hardness in the right breast ; had three evacuations in the night ; she has again some relish for lemonade ; go on with it, and omit medicine.

Half-past ten. Perspiration ; less oppression ; lightened the bed-clothes, feeling too warm. Wind north-west. Change of temperature great since yesterday.

Evening. Stronger ; has had some good naps ; much less nausea ; pulse good, perhaps a little full ; drank lemonade.

5th. Rise of pulse, probably in the night ; great thirst ; drank freely of lemonade ; subsultus still ; much weaker ; pulse not reduced ; mind distinct, as much so as in health ; bowels do not keep open ; had no passage since 11 o'clock last night ; a glyster just

now brought away two pretty large black passages, from which she is relieved ; has passed much urine, and the lochial discharge has returned, which had stopped ; but whenever she turns, she still feels nausea. Chill between ten and twelve.

Evening. Delirious ; cold feet ; prostration excessive ; as delirium subsided, feet got warm. Cal. gr. iij. h. s.

6th. Calomel was not given till 12 o'clock ; at eight, it had operated three or four times ; she slept pretty well, and has been sleeping this morning ; but she will not agree that she sleeps at all. Salts, ζ i. just after eight ; at eleven, chill.

Evening. Feet and hands cold ; medicine operated well ; return of desire for animal food of rich quality ; subsultus less, or perhaps none ; discovered none while I sat with her ; agreed, at last, that she has slept well once to-day.

7th. Feet and hands cold till late ; great excitement in the night, and more fever this morning than usual ; no subsultus or tremor, but still unable to turn herself ; from the first, that is, after parturition, she has had her passages in bed, on soiled sheets.

Evening. Perspiration came on this morning, and shortly afterwards a slight chill, which has been succeeded by coma, high fever, perspiration down to the hips, and flushed cheeks ; pulse somewhat full, and subsultus again, which had left her after purging ; she articulated indistinctly, when I asked her if she felt pain anywhere ; no sick stomach to-day ; lies on her back ; no passage since last night at 11 o'clock. Enema statim injiciend. et Cal. gr. iij. h. s., et Sal. A. manê.

8th. Had unusual strength during the night ; but this morning she complains of nothing but sheer debility ; tongue trembles when put out ; pulse soft, and not quickened ; calomel, for the first time, has not operated ; nor has she been, nor is she at present, sick at the stomach ; no thirst. As she lay, I observed the saliva run out of the corner of the mouth ; the oppression gone, but she can use her limbs under this debility, better than she did while under high fever. Salts, ζ i. statim ; glyster operated twice last night. Should the cold stage of the fever, which is expected about noon, come, it is to be combated by sinapisms, in succession, applied to the wrists, ankles, and stomach ; and weak mint-julep, if attended with much exhaustion and relaxation.

Evening. She had only a little chilly sensation on the accession of the fever. Medicine operated but little ; passage of pretty good appearance, bilious ; no sick stomach ; complains of extreme weakness ; mind quite distinct ; fever moderate ; pulse soft, and a little full. Directed a glyster, if there should be uneasiness of bowels ; no tremor or subsultus ; face pale.

9th. The nurse supposes she had a chill at 9 o'clock last night ; she slept none ; fever high this morning, with pulsation of the carotids ; hysterical ; says her friends will not suffer her to weep as much as she pleases ; gave her full liberty. This day will correspond, I fear, with the day before yesterday. In order to obvi-

ate it, gave her a tea-spoonful of Epsom salts ; she drinks lemonade, made with barley-water ; still without nausea ; about the time of the accession of the cold stage yesterday evening, for a few minutes, there was nausea, none since ; her only complaint is extreme weakness.

Evening. No accession of fever till 2 o'clock, P.M. ; moderate coolness of extremities, for four or five hours, before reaction ; skin then generally hot and dry ; not so much sleep, and much less coma than the day before yesterday ; salts operated twice ; evacuations of healthy aspect ; pulse full and soft ; indication of general perspiration in the course of the night ; increased subsultus ; mind more distinct, and articulation more perfect than the day before yesterday ; took a little bread and milk after the operation of the salts ; has drank cold water, in preference to the lemonade.

10th. Slept well last night ; tongue trembles this morning ; pulse quick and soft ; tongue covered with a bilious, whitish crust ; appears looser ; had three passages in the night. Directed nourishment ; she preferred gruel ; slight perspiration.

Evening. Has taken more nourishment to-day, than before ; great change in the weather, from the rains. Wind N.W. ; whether the change was after the coldness preceding the fever, cannot yet be known ; she can turn herself, and is stronger, though weakness is the burthen of her song ; pulse indicates scarcely any fever ; soft, rather weaker, and perhaps not so full ; there has been no sensible rise of fever at noon ; the night before last, it was postponed till nine ; complains of general soreness of the flesh, particularly the feet.

11th. Got no sleep ; chill at night ; fever continued till this morning ; pulse soft ; took a glyster last night, and had two passages, the last full and slightly bilious — of rhubarb colour ; spirits sunk ; left her weeping ; closed the shutter to conciliate sleep. Directed bread and milk at nine, or when the fever lowered ; tongue trembles when put out, but muscles of the arms not affected with tremor or subsultus this morning ; not the slightest headache or sick stomach.

Evening. Extremely nervous, with very little fever ; whether there has been a distinct accession, I know not. After a fit of crying, she fell asleep, in which state she was, when I left her. She turns from side to side, and appears stronger ; no thirst to-day, and no appetite ; she probably exceeded yesterday.

12th. Slept well last night ; pulse excited this morning ; skin moist ; mind less distressed ; feels an appetite for bread and milk ; postponed till salts operate ; two drachms just given.

Evening. The salts which she took this morning, operated well, four or five times ; passages good ; pulse rather increased in force ; no chill as yet, expected at nine. She continues to suffer from depression of spirits : had a fit of crying this evening, which was succeeded by better spirits. Before I left her, her hands felt a little moist, and there was a slight coldness about the ends of the fin-

gers: the chill has generally come on thus insidiously; though, as she missed it yesterday, we were flattered that it would not come on this evening. This may not be a premonition, but perhaps arises from the relaxation induced by her weeping.

13th. She did not sleep at all last night, although she missed her chill, and also missed it the evening before last; she could have had but little fever; she drank but once or twice in the night; this morning, there is a slight acceleration of pulse; she is anxious for food; milk and hominy were prepared; what is surprising, the pains in the feet, which she had complained of for several days, were very troublesome, although she had been so fully evacuated; not one nervous symptom this morning.

Evening. Great depression of spirits all day, but increased this evening, though not so bad as the day before yesterday; no fit of crying; no passage to-day; has taken milk and honey this morning, and a wine-glassful of jelly this evening; pulse scarcely febrile; hands moist, and pulse soft; and rather fuller when I left her, than a few hours before. Directed an injection, if deemed requisite.

14th. She had no fever during the night, but slept to-day; indeed she got no sleep till towards day; depression of spirits continues, though less; she cannot bear the least noise; she continues costive; tongue not foul, but breath extremely so; has a peculiar fœtor, which I think indicative of costiveness; pulse good, full, and as slow as natural; skin cool. Epsom salts, ζ iss.; Water, $\bar{\zeta}$ ij. She is stronger; no subsultus or tremor.

Evening. No passage since the day before yesterday, in the evening; salts have no effect; she has eaten milk and hominy twice, and a wine-glassful of jelly; skin moist and cool; pulse slightly, perhaps, increased in quickness; but she had been laughing; no weeping this evening; spirits better. Directed a glyster, if she feels uneasy, not otherwise; face pale.

15th. Salts operated last night, and again this morning; she is in much better spirits; she now laughs instead of crying; skin moist; pulse rather quicker than natural; slept well, and felt her sleep genuine.

10 o'clock. Pulse still more quickened; countenance more natural.

Evening. Pulse slow, calm, and lost its temporary excitement; perhaps a little nausea.

16th. Passed a pretty good night, although it was her bad night in course; there was a rise of fever, from the increased heat of skin, and slight exacerbation of the pulse this morning; had yesterday morning two passages; but her breath indicates fulness of stomach, as the day before yesterday. Salts, ζ iss.; statim, and at nine, her breakfast of milk and hominy, or any thing else.

Evening. Medicine operated once, largely, this morning; pulse may be a little quickened; peaches, hominy, and other food eaten sufficiently.

17th. Rested well; better in every respect; to take coffee for

breakfast; she took it yesterday, without inconvenience; directed it to be much diluted; countenance more natural, and face of some colour; before, pale, with great expression of debility; there has been probably some little febrile excitement during the night.

Evening. Death of infant, which happened several days since, announced by Mr ——— this morning; composed; pulse very little excited; has not attempted to rise yet from her bed; but her strength has much increased, and she sits up occasionally.

18th. Rested well the first part of the night; anxious for her breakfast.

3 o'clock. Just seized with pain in back and breast, (and general coldness of the whole body,) which almost deprives her of breath; easiest sitting up. They had applied warm flannels; she was relieved in an hour by a glyster.

Evening. In a short time after I left her, at 5 o'clock, pain returned; she had had copious evacuations; they were slimy and unnatural. At 9 o'clock, took Calomel, gr. v., and in a short time applied to the stomach a sinapism. When I gave the calomel she had got somewhat easier, but had considerable fever, heat of skin, and thirst. Directed toast and water; has not complained at all of sick stomach; but of a sense of "hollowness" around the superior region of the intestines.

10th. Rested and slept pretty well; calomel did not operate; felt as if it was still in the stomach. One tea-spoonful of Salts, at 7 o'clock this morning.

Evening. Chill at three, accompanied with nausea, and succeeded by nausea; fever not high at six. Took two doses of salts before she had a passage; operated well, five times. Has had much thumping about the head, with the headache, but is now better; thirst; drink toast and water.

20th. "Had a delightful night;" this morning very little fever.

Evening. Fever rose at 1 o'clock, P.M., without chill, nausea, headache, or colic; delirious at seven. She had some uneasiness in the head, however, for two days; no thirst; wished to take calomel. Directed gr. iij., and a tea-spoonful of Salts in the morning; only a slight passage to-day.

21st. Did not sleep well, though she was without pain; she took a tea-spoonful of salts very early, and the calomel operated immediately afterwards; pulse quickened, and skin rather dry and warm, though she was not sensible of much fever last night.

Evening. Excessive nausea till eleven; medicine operated well; no chill, but sweating all the latter part of the day.

On the 9th and 12th, or later, rise of fever legitimate. August 4th, ought to have been at nine, but instead of it, perspiration came at eleven and lasted till next day, the 5th, about the same time, ten or twelve.

22d. Did not rest well from anxiety about her ———'s situation, and other matters; ate a peach, which created sourness this morning. Directed a light spoonful of Magnesia, and Mint-water.

Noon. Colic came on this morning, and went off "like a shot;" had two passages.

Evening. Has passed a most wretched afternoon. At two, her pains returned, shifting from the breast to the back, shoulder, lower belly; keep in rapid succession; quitting the head, and leaving it quite clear; stomach flatulent; took glysters, which procured large, healthy-looking passages, from the nurse's account. Applied sinapisms to the seat of the pain; took peppermint-drops, and ginger-tea, and applied fomentations of hot brandy. Left her at seven, somewhat easier, and directed Calomel, gr. v. h. s. Looks extremely sallow or yellow; very little fever; discovered some quickness of pulsation in carotids, although no headache. Hungry during the whole of the paroxysm. The pulse was by no means excited at the wrist, by the ginger, peppermint, fomentations, sinapisms, and frictions, which were applied to the different parts.

23d. Fever was high in the night; pain did not leave her till 12 o'clock; she had then a discharge of sour fluid from the stomach; took the salts at five this morning; had not operated at half-past six; very sick at stomach; still fever. Salts were repeated at nine; first dose did not operate; at twelve they had operated freely once; she was then asleep.

Evening. Medicine operated five times; slept much; perspiration general; pulse somewhat excited; skin clearer; no return of pains; no chill.

24th. Frightful dreams; no passage this morning or last night, from yesterday's medicine; pulse full; skin warm. Dry toast and tea for breakfast.

Evening. Fever has continued through the day, with pain in the head, attended with thumping; thinks she is worse, though is certainly hysterical, on the day she should have expected the flying pains; she feels something like them this evening; and wishes to know if laudanum may not be united with the spirit, as an embrocation. Directed one spoonful to ℥ss. spirit. Cap. Cal. gr. iv., at 8 o'clock. She thinks the calomel affected her head.

25th. Last night was spent in sweet sleep, contrary to her forebodings of colic. Salts taken at five, at seven had not operated. Directed a dose at eight; feels much better; pulse firm, and not quick.

Evening. A very good day; medicine operated well, four times; no thirst; no fever; at eight, symptoms of colic; pain in stomach came on from turning in bed. Bottles of warm water, &c., were used, as yesterday, in the same attack; but this continued till twelve, and settled about the back.

26th. Slept badly; mouth feels clammy; tongue covered with a loose, bilious film; pulse febrile. A small dose of Salts, in Peppermint-water.

Evening. Medicine operated better than any other that she has taken, the calomel over night; no headache to-day, and no colic to-night; has experienced a comfortable day.

27th. No return of pain last night; feels pretty well this morning; was excessively hungry last night; toast and milk for breakfast; milk and peaches for dinner.

Evening. Thinks she has had some fever; pulse not more frequent than natural; a little jerk in it; wishes to know whether it would be prudent for her to rise from her bed and sit up; left it to her.

28th. A tea-spoonful of salts.

Evening. Operated twice; colic for two hours in the evening.

29th. Had this afternoon a little colicky sensation. To take a little salts and peppermint in the morning, and whenever the bowels require it.

30th. Evening. Colic for two hours; milder; hot applications: quite easy this evening. Salts and peppermint taken by daylight, and operated; passages natural; notwithstanding, colic came on.

31st. Colic again this morning; took two tea-spoonfuls of magnesia in peppermint-water; gave her three passages, and she feels better this evening, 5 o'clock; countenance still sallow; appetite excellent; pulse a little quick. Blue pill, gr. i. h. s.

Sept. 1st. Saw her at 2 o'clock; no return of colic. Directed another pill to-morrow night, and salts next morning. Convalescent; sitting up.

She has formerly been salivated by taking a grain of calomel every two hours; on the fifteenth hour she was salivated. By this means the fever was immediately broken. This is the common practice in North Carolina. She had been salivated in Carolina for bilious fever.

2d, evening. Puked up her breakfast, which was excessively sour; symptoms of chill and colic afterwards. Took at ten a dose of magnesia and peppermint; threw up a part of the magnesia and a mouthful of yellow bile; ate a little butter for breakfast, which was brought up; magnesia has operated several times; slight weakness of pulse, and a little headache. This is probably irritative ague from redundancy of bile; though it is strange that she should have felt such sourness of stomach with the first puking. Cap. Cal. gr. iv. h. s.

She ate butter also yesterday morning later than usual, which might have disordered the digestive organs. The symptoms of colic, or sympathetic pains rather, about the side, back, and shoulder, have been of short duration.

5th. Calomel and salts next morning operated four times; stomach all this day oppressed and nauseated; pain in the lower bowels; feels different from the colicky sensations heretofore; bowels rather confined; fresh fever to-day. Cal. gr. iij. h. s., and Salts, manè.

6th. Cal. gr. iij., and Salts, manè.

14th. Swelled cheeks, and pain in middle of shins and arms, from cold after calomel. Well.

16th. Sodæ bicarbonatis, gr. xv., occasionally, for heartburn.

19th. Taken with an ague on the sixteenth, and has had one every day since; double tertian type; very distinct. Cal. gr. iij. h. s.

25th. Ague this morning with severe headache, from which she is seldom free: she will in the regular course, have another one to-morrow evening. Menses obstructed, since her lying-in. Directed Cal. gr. iv. h. s., and Salts, manê; bowels constantly open. The pain in the shoulder, she thinks, is transferred to the head.

27th. Chill yesterday morning, fever, and headache; chill expected this afternoon at 3 o'clock; less pain in head felt this morning, the fever being low; skin always moist. At ten, Quinine, gr. i.; at two, sinapisms to epigastrium, then wrist—the return of ague, which is generally long.

Oct. 29th. She is now attacked with erysipelas of the face, which she had last winter, for the first time in her life. She had relapses frequently, and her relapses were intermittent and mild; she gained flesh under them, and had regained her usual good looks; her appetite, when I saw her on the fifteenth of this month, was excellent.

CASE. Miss —, Sept. 4th. Taken yesterday, at 10 o'clock, with fever, headache, chilly feelings all day. Cal. gr. ix. h. s. Nausea in the night; skin yellow to-day. Ol. r. ʒi. in mint-water, operated three times by noon. At two, headache great; left arm moist, right dry. V.S. ʒx.; two teaspoonfuls of Salts. V.S. lying down; induced nausea and paleness of countenance.

Evening, 8 o'clock. Salts have not operated. Cal. gr. viij. Head not relieved; pulse very little disturbed; tongue loaded and white; cold applications to head; no relief; no thirst; no perceptible rise of fever to-day; no nausea. Salts, ʒss., in the morning may bring on a remission of fever to-morrow at noon.

5th. Rested well last night. "If the calomel made her sick, she did not know it." I found much heat of skin, which she attributed to throwing over her feet and legs a blanket, from the cold induced by taking cold salts; pulse small and contracted, and not very frequent; no evacuation yet.

11 o'clock. Medicine operated three times slightly, but less headache than yesterday, though face much flushed, and she feels heat and chills; certainly an exacerbation, corresponding to time of the first accession, the day before yesterday; no nausea. By way of getting her to take more salts, gave a small dose, ʒij., or ʒiij. i. Sod. and Acid. tart., and directed its repetition at 1 o'clock, if the first did not operate well.

Evening, 8 o'clock. Fever has risen much, with greater fulness of pulse than before; not much tension; headache excessive; feet have been quite cold; she was wrapped some time in a blanket; they are now simply warm. But head scarcely hot, and iced cloths afford relief till they become warm, which, from the increas-

ed heat of head, is very soon. Rep. Cal., pediluvium of vinegar and warm water. The medicine has procured only watery stools, no bile.

6th. Headache has continued during the night; pulse reduced, but quick; skin hot; no effect whatever from calomel. At six, Jalap and Cremor tartar.

Noon. Medicine operated twice, for the first time brought away dark green bile. Pulse still active; head hot and aches. Rep. Soda powder with Epsom salts, and again, at half-past 1 o'clock.

6 o'clock. Salts have operated three times; black fluid discharged; flushing of face continues; some uneasiness of bowels; cold feet; head easier; pulse soft.

9 o'clock, at night. Head much easier; equilibrium restored in the circulation; feet quite warm; skin dry and hot at the wrist; pulse perhaps reduced; wind blowing from the south, a pretty stiff breeze upon her; this being the night for sleep, will have a tendency to induce it; a small passage since 6 o'clock; the first time that she has been operated upon, during the latter part of the day. Omit Calomel.

7th. Cold feet at the dawn of the day; now hot, half-past six; passage early this morning; head less pained; no redness of face; did not rest well; wished to continue the catharsis by soda and salts, but she declined it; pulse rather quick, not tense; skin warm and dry; never moist; only drank one tumbler of lemonade, during the night; tongue white.

9 o'clock. Headache; flushed face; no great heat of skin.

10 o'clock. Sal. i. Soda and Acid. tart. repetend. xii. horâ. Catamenia fluunt.

Noon. Just after 12 o'clock, very hysterical; crying; hands numbed; face reddened; pulse neither tense nor full; feet not cold; but there appears to be a want of equal excitement. After taking the 12 o'clock effervescing draught, she was composed; no headache.

Half-past three. Medicine operated just now; no nausea, but a little pain in the bowels, Mrs. — says, in the hypochondrium; depression of spirits extreme; feet hot; face scarcely reddened; after sitting a little while with her, she became composed; skin continues dry; she lies generally on the right side.

8 o'clock. Heat of skin great and generally diffused; pulse not much accelerated; weather excessively warm: after a south-west breeze, which continued through the day, which lulled and then a thunder-squall which promises to cool the air, wind shifted to the north; head all day has been less affected than usual; skin exceedingly dry; salts have operated only twice; brought away dark-coloured, liquid stools.

8th. Calomel excited great nausea; slept badly; very nervous, this morning; subsultus, catching of the legs, and numbness of the hands; weeping; perhaps some headache, though she does not complain of it; neither skin nor pulse indicates much fever; tongue foul; no passage. Jalap and Cr. tart. in mint-water, at 7 o'clock.

Noon. Purge has operated well, and brought away yellow bile ; fever lower ; skin cool ; pulse very little disturbed ; had one of her fits of anxiety and depression just before twelve ; quiet from twelve, three-quarters of an hour, in which state I left her. The excitement has nearly left her bloodvessels ; there has been some softness of skin, and the purge seems to have effected nearly an intermission of fever.

Evening. Skin has become hot and dry ; pulse perhaps a little quicker ; complains of sore-throat, and some soreness of mouth ; no mercurial fetor ; composed at 8 o'clock ; her thirst has been generally very moderate.

9th. Rested badly ; starting from her imperfect sleep, occasionally frightened ; great heat of skin. This morning, throat and mouth very sore ; tongue covered thick with white coat, and moist, from her not swallowing the excretions from mouth ; headache ; pulse evinces a great degree of fever ; respiration easy ; fit of crying just before seven ; terminated in composure. P. Jal. c. ζ i. in mint-water.

1 o'clock. Great anxiety and depression ; starting out of her naps occasionally ; once or twice her arms were moved involuntarily, like in chorea ; weeping frequently ; nausea ; medicine not operating at half-past twelve, gave a tea-spoonful of Salts, Soda, ζ ss., and Acid. tart. gr. xxv. ; partly puked up ; tongue very white ; throat continues sore ; no headache. To induce some peristaltic action of bowels, a domestic injection was directed ; skin not so hot as in the morning early ; pulse very little quickened. This nervous distress occasioned by morbid condition of chylopoietic organs ; calomel probably indicated, to produce an influx of bile into the duodenum, as a *sine quâ non* ; night probably best time.

Evening. She took the injection, and had only one passage ; has been restless, complains much of her throat ; pulse tranquil ; has slept now and then, and has been rather restless ; more composed for the last hour ; there is some remission of fever ; her thirst has been greater than usual. Cal. gr. viij. to be taken at 11 o'clock ; oppression of stomach is her principal complaint now ; head is easy probably in the morning ; great anxiety and distress ; jactitation.

10th. There could have been very little fever last night ; pulse still moderate this morning ; symptoms of the irregular distribution of nervous influence much slighter this morning, but still depression of spirits the same ; tongue dry. Rep. Cath. After taking it, produced great nausea and discharge of phlegm from throat ; head has been quite relieved since the throat became sore ; calomel operated before jalap was given.

Noon. Medicine operated twice. At half-past twelve, nausea and pain in belly. A soda powder without salts ; she retched, and then threw up a little phlegm ; was quiet for some time afterwards. To assist the operation of the medicine, a common laxative glyster was given ; operated once, and brought away a pas-

sage of mucus. At three, pain and griping, supposed from the purgative medicine. Gruel and spirituous fomentations, and if no relief, glysters of strong flaxseed tea. She has had very little fever; no flushing of the cheeks, and headache gone.

Evening. No further evacuation; feelings insupportable over the whole body; exacerbation of fever this evening distinct; pulse quick, and skin hot; complains of tremor; and cries and weeps with very little intermission.

11th. No sleep last night; extremely nervous; calomel operated; pulse moderate; feet warm, have been cold; throat same; gums perfectly firm; some uneasiness about the præcordia; but does not complain, unless asked where she feels pain, and then points to those parts. Applied a sinapism, which she kept on half an hour perhaps, and could bear it no longer; skin very much inflamed by it; indeed her constitution is irritable, hair light, and skin very thin; tongue dry; whitish-yellow scurf; hawking and occasionally retching, from the mucous excretion of the throat.

2 o'clock. By 10 o'clock, after taking a dose of castor oil nearly an hour, she had three passages, of yellow and whitish complexion; appeared to be from the salts. Pulse a little quickened and feet cool; head rather warm; has felt pain in the region of the liver, to which her mother applied a sinapism; no further pain; irregular motion of muscles; general tremor of them, of which she complains. I observed three fingers of the left hand contracted, and the fore-finger extended, and sometimes, a slight jerking of the arm involuntarily; moaning and complaining of general uneasiness. Applied a sinapism, at half-past one, to the calves of the legs, in order to cause sleep.

Evening. The legs and feet continued cold during the greater part of the day. Sinapisms only induced irritation, afterwards inflammation; but the feet remained obstinately cold, till late; when they became very hot and then cold, in which state they were at 8 o'clock. Pulse, after having six evacuations of a bilious character and pretty full, from the castor oil, was intermitting and hobbling, then quick and regular. During the irregularities, I observed her nervous symptoms were worse, and she would cry out in a desponding state. She said she was a maniac, and should jump out of the window. At eight, pulse regular; was obliterated by slight pressure; feet cold; hands warm; head has been hotter uniformly all day than for several days; one cheek was much flushed this evening; both pale all the morning. Directed a blister to the back of the neck and the room to be kept dark, though she has never complained of light.

12th. Cries for relief incessant; pains in the legs chiefly complained of; pulse regular and weaker; no rest, except while the blister was drawing; drawn well; inflammation pale. Wine-whey; Sp. Minder. o. 2 h.; nausea.

Evening. She had several passages to-day, of brownish cast. She took three doses of the Sp. Mind. She slept more to-day than

heretofore ; she awoke occasionally, and complained always of her blister. Saw her at seven this evening, and remained with her till eight ; her fever high ; skin very hot everywhere but the feet — they are cold — they began to be cold at five ; then probably the fever rose ; nervous symptoms, tremors, &c., not so great ; pulse does not intermit, and has acquired more fulness and force. Cal. gr. iv. Respiration scarcely audible : she dozes for a few minutes, then cries out, but not in that violent manner as before ; but still she says she is a maniac ; head hot.

13th. Rested badly ; blisters dried ; pulse more natural, and skin also ; felt warmer ; complained of pains in the lower limbs, and cold at seven. Had a blanket thrown over her, from the hips ; has had two small passages. Gave a tea-spoonful of salts, and one and a half of cremor tartar ; could with difficulty retain it ; head still hot ; complained of having a ten-pound weight upon the stomach. Emp. vesic. ad epigastrium. Her feelings still dreadful.

3 o'clock. Has passed a good morning, and slept. At two, complained very much of the blister, which has drawn well, and been dressed, and complained of nothing else. Drank some lemonade, for the first time for two or three days, but every thing she takes is too sweet. The wine-whey was discontinued yesterday from the same reason, after taking two cups. A third was presented, without sugar ; it was still too sweet. She has had no thirst, or will not drink, from the fear of hurting her throat, which is still sore ; pulse nearly natural at half-past two. She has just had a very black passage, the first of the kind. Her stomach seems to have been oppressed with wind.

Evening. Flatulence increased ; she has drunk much lemonade ; rise of fever ; pulse full, quicker, and intermittent ; several small passages of the same kind, black, with flatus ; very irritable yet. Cal. gr. iv. h. s. Still dozes, and cries out.

14th. Rested better ; less nervous ; the muscular tremors seldom now appear ; skin maintains its heat more generally and uniformly, since the application of the blisters ; several black passages last night ; fever low ; pulse nearly natural. Salts and cremor tartar repeated. Found great difficulty in swallowing it, owing to viscid phlegm, of which she discharged much afterwards ; complained of cold feet. Obligated to apply bottles of warm water immediately. Flatulence of stomach continues.

Evening. Fever moderate all the morning ; rose just after 1 o'clock ; right cheek became red ; feet cold ; at seven, pulse more excited than it has been any evening since the 11th, but perfectly regular ; bowels completely scoured ; passages full of greenish bile ; nervous irritation the same ; cries out frequently. Her blister between the shoulders, seems to be the only source of irritation that can justify complaint at all ; that will be covered with a bread and milk poultice ; no other pain ; the stomach quite easy ; feet warm ; blister over the stomach easy ; both pretty nearly dry ; hands excessively hot ; she complains of the heat.

15th. Complains of the same "ten-pound weight" upon the stomach; skin hotter, and pulse more active than usual in the morning; indeed, there appears very little remission of fever; only one small passage in the night. A tea-spoonful of magnesia and salts, in mint-water, at 7 o'clock.

Evening. Rise of fever at three, with cold feet; otherwise, the heat has been pretty equally diffused; it is this evening, with a fuller pulse than I have before observed. The medicine operated well; passages still green, with mucus; screams out still, occasionally, frequently without just cause. At eight, Calomel, gr. iij.

16th. Calomel operated late in the night, from which she had a large passage, with some relief to her extreme restlessness and fever. The fever has kept up; skin warm, and pulse somewhat quick; for last three days, excitement seems to be much developed. Gave some salts in mint-water, at seven this morning, but they were rejected, from irritation about the throat. Directed to repeat salts at 9 o'clock.

Noon. Has taken two cups of tea, and has had a very full passage; fever keeps up; pulse and skin nearly the same; secretion still troublesome. Did not repeat the salts, being near the time for a fresh accession of fever. Complains of her stomach.

Evening. Stomach easy; fever continues; no expectoration. Took, of her own accord, a dose of salts after I left her at noon, which has operated; general warmth; not great, except in the hands; passage at 8 o'clock; expressed great exhaustion before the passage (weak wine-whey had been directed, but the pulse indicated no such state). She was fearful of not sleeping; great nervous distress, from no evident local cause. Pulse firm, moderate, and somewhat full.

17th. Slept none, and complained of pain in the back and breast; two passages in the night; pulse smaller and slower, but skin still hot and dry. R. Magnes., Sal. amar. $\hat{a}\hat{a}$. coch. parv.; Aq. comm. $\bar{3}$ i.; Aq. menth. $\bar{3}$ ss. Ft. haust. statim sumend.

4 o'clock. Medicine operated twice, fully; afterwards complained of pain in the back and lower belly; pulse rather more active, with some fulness; blister drew well; tongue covered thick, with white fur.

8 o'clock. Unquiet; crying out, "I shall die," and occasionally screaming; pulse less active; rather quick, with sufficient fulness, though not so full as at 4 o'clock; complained of pain in the lower belly at eight; had a passage. Just before, gave her three grains of calomel.

18th. Rested rather better; fauces stiff and dry; keeps her mouth open; has the secretions still, and it is very troublesome; had a small passage about 12 o'clock; volume of pulse perhaps greater than last night, with more quickness in the stroke; tongue very heavily coated with whitish deposit. A spoonful and a half of salts, two tea-spoonfuls of mint-water, and $\bar{3}$ i. of common water. Salts at eight, tea at seven.

Evening. The medicine did not operate till 1 o'clock. It has

operated four or five times, and brought away black passages, followed by violent pain in hypogastrio, which was relieved by spirit and water warm fomentations. There was a rise of fever, probably at 2 o'clock; left ear red; hands hot; throbbing about the epigastrium; feet are now generally warm.

19th. No sleep; spirituous fomentations continued to be used, till near day; took two glysters, which procured relief; passages greenish; fever moderate; tongue very foul. *Ol. ricin.* at 7 o'clock.

12 o'clock to 1 o'clock, very little fever; took an injection of simple flaxseed tea; brought away yellow bile, the only evidence of the operation of the castor oil; fever low; inner eye inflamed a little; pulse very little excited.

Evening. Has experienced pain in the bowels this afternoon. Two glysters were given, and brought away a quantity of bilious mucus of yellow colour, by which she was relieved; skin dry and hot; pulse moderate; has had probably a rise of fever since 1 o'clock; indisposed to sleep; no thirst; has not drunk half a pint of lemonade the whole day.

20th. Dry skin; pulse still moderate; no abdominal pain, but general uneasiness; had some pretty good sleep last night; no passage.

Evening. No evacuation to-day; has complained of her blister on the stomach, which has been poulticed, and is now easy, and of a pain in her back; but has passed a quiet day, and has had one nap. Her mother supposes there was a rise of fever at 10 o'clock; her pulse this evening is full, and as slow as natural, and her skin moist, and there is every prospect of a good night.

21st. Pain in the bowels last night; relieved by injection; pulse quicker and more feeble. One tea-spoonful of salts at seven.

Evening. No sleep to-day; salts did not operate till an injection was given, and then had only two small mucous passages; she has much pain in the bowels. Was taken with the urticaria this evening, about the legs and neck; vivid and elevated, but scarcely a semblance of fever; wretched feeling still continues. *Cal. gr. iij.* at 8 o'clock.

22d. Rested better; urticaria disappeared; rubbed it with vinegar; pulse discovers great celerity, but no hardness; calomel has not operated. A tea-spoonful of salts, and to be repeated at nine, if necessary.

Half-past 4 o'clock. Appetite; wishes to eat toast; allowed toast and weak tea; no return of urticaria; fever continues; pulse nearly the same, and secretions. Salts were given at 9 o'clock; had three good passages. Thirst to-day, for first time for several days; drank cold infusion of mint, iced.

23d. Rested better, having occasional good naps; compelled by the irritation of the throat, to rake and clear it by hawking. There was no rise of fever, which continues low; skin cool; anxiety to eat bread and tea.

Evening. She has eaten very little, and has had no thirst; com-

plained of some abdominal pain this afternoon for a very short time; no perspiration yet; pulse has gotten a little force and frequency again; not like the pulse of night before last, or of yesterday morning; no evacuation from the bowels to-day.

24th. Rested well last night; fever gone down this morning much; desires to eat her breakfast.

Evening. Had some abdominal pain this morning, which was relieved by an injection. Took some weak chicken-soup at 3 o'clock; fever quite low; pulse soft and full; very little frequency or quickness; throat troublesome yet.

25th. Did not rest so well last night.

Evening. No fever; has eaten a little sponge-cake; no complaint, but the profuse spitting and irritation about the throat.

CASE. Mary Ann, a servant.

July 29th. Pregnant. Fever for several days; has complained of her head; urticaria to-day, and last night; yesterday was bled, and she puked much after it. Cal. gr. v., and Salts, at 2 o'clock. Bilious fever.

30th. Relieved symptoms generally; pulse and skin denote some fever. Directed a dose of salts, if headache came on. Recovered without more medicine. 1830.

CASE. A youth, æt. 17. Aug. 5th. Fever last night, and perhaps for two days past; tongue covered with bilious crust. Cal. gr. viij., and at 10 o'clock, Epsom salts, $\bar{3}$ ss.

6th. Fever at noon. Cal. gr. vi., and Salts, manê.

7th. Fever, and appetite good.

8th. Perspiration last night; still fever, but considerable remission; skin moist still.

Evening. Fresh accession of fever, at noon. At 5 o'clock, skin getting moist; has had great headache. Cal. gr. vij., and Sal. manê.

9th. Evening. Medicine has operated copiously; much headache; now subsided.

CASE. Mr. —, Sept. 14th. Last night late, an ague; skin moist this morning. At ten, Cal. gr. x., and at two, Jal. and Cr. tart. $\bar{a}\bar{a}$. $\bar{\Theta}$ i.

16th. Took a dose of salts yesterday; sweated much last night; pain in back this morning; no headache. At seven, Cal. gr. x.; at twelve, Jal. Cr. tart. $\bar{a}\bar{a}$. $\bar{\Theta}$ i.

Evening. Operated extremely well, after great sickness; very little fever; pulse small, not quick; skin cool.

17th. Sweated a little last night; no return of ague; no fever this morning; up and dressed in his winter garb; weather turned cold; W.N.E.; rain last night.

Evening. Ague returned shortly after I left him; has very little pain in his back, none in the head, and but slight burning over the eyes. Cal. gr. viij. h. s. et Jal. manê.

18th. Calomel operated twice ; sick stomach, and puking ; did not, he thinks, bring up the jalap ; fever still.

Evening. Getting quiet, after a restless day ; medicine operated well. Pediluvium, h. s.

19th. Bowels freely open in the night, and he sweated ; but fever continued ; he had a passage early this morning ; tongue very foul. Fever came on without chill ; much thirst, and desire for ice water, which was allowed.

Evening. Has perspired ; fever moderate. Cal. gr. vij. h. s. ; Jal. et Cr. tart. āā. ℥i. manē sumend.

20th. Fever continues ; medicine operated ; calomel did not.

Evening. Fever rose at 10 o'clock.

21st. Still fever ; mouth not so sore ; lips broken out ; rested well the latter part of the night.

Evening. Very little fever to-day ; appetite returned ; slight rise of fever this evening. Calomel, gr. vi. h. s. ; Jal., Cr. tart. āā. ℥i. manē.

22d. Troublesome diseases ; did not rest very well ; very little fever ; calomel has not operated.

Evening. Fever quite low ; surface soft ; no pain ; to aid the jalap, took salts, which have operated well — copiously.

23d. Rested the latter part of the night well ; fever very moderate this morning.

Evening. Has been up and dressed all day, and has eaten sufficiently ; skin cool, but pulse rather quick.

24th. Convalescent. 1830.

CASE. Remittent Fever cut short. A boy, æt. 11.

Oct. 1st. Complained of head early this morning, and eat very little breakfast ; he had very little fever, till late in the day ; he puked his breakfast, and afterwards had a good full alvine discharge about noon ; about seven, his feet became moist, but no other part ; he was put to bed, and complained of slight nausea ; headache continued unabated, through the day ; no great disturbance of the pulse ; slept ; tongue was moist till late this evening, when it had a slight deposit ; at nine, headache same ; hot, dry skin. Cap. Cal. gr. v.

2d. Slept well, and waked with a headache ; face rather flushed ; calomel had not operated. Gave him Epsom salts, in ℥ij. of water, at 6 o'clock ; this solution sickened him at 8 o'clock, and he brought up from the stomach, the imperfectly chewed pieces of a large apple, which he ate yesterday morning before breakfast, mixed with a greenish water, perhaps containing the salts ; head a little easier after puking ; at eleven, a full and free passage of well-digested, yellow fæces, of pultaceous consistence ; at half-past eleven, headache and fever less. He was anxious to take some salts, and I gave ℥ss. more.

8 o'clock. The medicine has operated very frequently, sixteen times, and brought away rhubarb-coloured discharges, watery ;

he slept from 3 to 5 o'clock; at eight, he was in a general perspiration; his feet were previously bathed; he has had no distinct rise of fever; pulse has been open, and quick; somewhat full and frequent; he has drunk lemonade; at 7 o'clock, he complained still of headache.

3d. Rested well, and slept all night, except being called up once; no fever this morning, and no headache; ate his breakfast with the family at 8 o'clock; appetite returned; has had some passages this morning of bilious operation, mixed with mucus; ate, for his dinner, two legs of roasted chicken.

Evening. Perfectly well. 1830.

CASE. Mrs. ——. Double Tertian: 5th day. July 18th. Chill at twelve; sick stomach excessive, with retching, and great discharge of wind. In the morning, at seven, Epsom salts, ℥ij.; Sodæ bicarb. ℥ss.; and Tartaric acid, ℥i.; operated well, and brought away much black bile; but to-night (now 10 o'clock), the pain in back continues, with sickness of stomach. At half-past nine, calomel, gr. viij. Fever not so high; skin moist; occasionally fits of hurried respiration; great load about the stomach, and great desire to throw it up. The day before yesterday, she took two glysters in the evening, which afforded much relief to the pains in the hips, which she then complained of. *Yesterday, the paroxysms of ague came on late in the evening.* On the 15th, at night, Calomel, gr. viij.; same on 16th: last night, some advised; so much better, so composed were the stomach and system, that the calomel was omitted. This morning, complained of sore mouth; does not feel it this evening; child three months old; no milk.

19th. Applied a sinapism to stomach late in the night, and it remained on, till she felt it smart. She is this morning better, in every respect; tongue quite clean; back sore, where she yesterday felt pain; stomach quiet; calomel had not operated before she took the salts, at half-past seven; pulse quicker, though, than might have been expected from the mitigation of the other symptoms; skin moderate, perhaps moist; she is much stronger.

Evening. Chill, at 7 o'clock; lasted but a short time; thirst extreme, and sick stomach, with heaving; cold water, at first, and in one hour, iced water, to be continued through the night; she had suckled her child to-day; the *secretion* of milk considerable to-day; too sick to-night to nurse her child; pulse full, quick, and round, more so than I have before felt it; skin hot and dry; feet just got warm at eight; the other parts, of course, first; medicine operated pretty well.

20th. Fever continued all night; she complained altogether of her breast and back; burning under the sternum, and nausea; does not complain of her head; secreting and spitting a gruelly mass of thick saliva all day yesterday, and this morning the same; pulse quick still, but lost its roundness; will not take lemonade or oranges now; at first, pleased with both; rested tolerably well; a

little mild delirium. R. Sal. A. $\bar{5}$ ss.; Sodæ bicarb. $\bar{5}$ ss.; Acid. tart. $\bar{3}$ i.; Aq. $\bar{5}$ ij. Ft. haust. Produced a moist skin, and softened the pulse.

11 o'clock. Her chill is just subsiding; came on between ten and eleven; pulse very quick, firm, and rather full; has had several copious black passages from the purge; indeed, this medicine seems to excite greater discharges from the liver and bowels, than the calomel over-night, and the salts the next morning. Can there be more bile formed in the short paroxysm, than the long one? or does the calomel suspend the secretions of the liver and bowels? She complains only of nausea; no headache; she objects, just now, to iced water; perhaps still feels some sensations of the chill, and from a sense of propriety, directs the plain spring water; upon inquiry, this was the state of the case.

Evening. She complained, at six, of great abdominal pain, and the supposed swelling, but the integuments were perfectly relaxed. I put on a sinapism (a weak one, over the whole belly, there being much general excitement), and she complained of its burning, and it was removed in fifteen minutes. I then gave her iced milk and water, the first nutriment taken for three days. At nine, great remission; covered with sweat, and disposed to sleep; pulse soft, less full, and quick; gave her calomel, gr. viij. in pills. She has not puked to-day, but the stomach has been sick, and she has retched; her thirst has been inextinguishable; taken iced water; lemonade does not now please her; she scarcely has power to take the pills between the thumb and finger, to carry them to the mouth, and she heaved, as soon as she swallowed them.

21st. Fever all night, and skin perspirable; repeated the effervescing draught, and she puked immediately, and brought up a very large quantity of mucus, of a yellow complexion, from the stomach; doubtful whether it was rejected; tested it by waiting. This morning commences the seventh day. She puked again, and brought up a mouthful of bile, for the first time. Directed draught to be repeated at ten, if not sufficiently evacuated; she thinks the purgative draught was not rejected. To drink milk and water iced, one-third milk only.

Evening. Have not seen her since the morning. She took the draught at twelve instead of ten, and it operated better than any former dose, and brought away for the first time yellow discharges; the nausea and heaving the same, and continue to-night; she cannot even drink water with pleasure now; she has eaten a great deal of ice; directed it to be used through the night; no headache, but pain in the back; pulse soft and quick; skin hot; she has spoken of some fruits, as peaches and water-melon, which she could eat; none to be had; has slept; no chill this morning, but rise of fever.

22d. She had a very restless night; nausea continually; had a small passage in the night, of yellow water. I applied a sinapism to the stomach, and at seven, gave Epsom salts, $\bar{5}$ ij.; Sodæ super-

carb., ʒss.; Acid. tart., ʒi. Her skin was moist before she took it, and pulse reduced in force and frequency; and she is languid, weak, and relaxed; great desire to eat peaches. Directed the draught to be repeated at ten, if it puked, or if it did not work her.

Evening. The medicine was repeated with a good effect; it operated well, and from the report of the nurse, it brought away yellow passages; pulse quick and soft, perhaps rather feeble; complains of her head, for the first time for several days; no incessant pain; but pain still in back, and she heaves at cold water, iced; the passages became at last rather frequent, small and ineffectual. Cap. Cal. gr. iv. At half-past nine, the three latter symptoms determined me to give the half dose of calomel. Eruption all over the breast for two or three days, like the watery vesicles on the leaf of the ice plant — very small — as small as millet-seed.

23d. Rested well; moist this morning; sick stomach still; applied to it a sinapism, and then repeated the draught, and if it should not operate, another at 10 o'clock.

Evening. Medicine operated well, both doses taken; fainted once while in the chair, before noon; fever moderate till seven this evening, rising; head aches; eyes suffused; ate something to-day; no chill; some disposition to small passages, which she restrains.

24th. Slept not last night; stomach quite composed, and bowels not disturbed; but head still pained; eyes clear; tongue slightly foul; pulse and skin soft. The draught mentioned before, to be taken and repeated at ten, if there is not sufficient evacuation. Eruption seems to have afforded perfect relief, to the burning and pain beneath the sternum; it is still upon the skin in small, pellucid papulæ.

Evening. Took both doses; operated sufficiently; rise of fever as usual at noon, I believe without chill; no headache; pain in back of neck; omitted calomel; pulse pretty frequent and rather full; nausea less, but has it occasionally.

25th. Rested well last night; only complains of soreness, now in the back of the neck; pulse still febrile. Omit powders.

Evening. Better to-day than ever; very little fever; has eaten sufficiently of light food; pain in the back of the neck returned; applied a sinapism for a few minutes; fever rising as usual this evening; no sick stomach to-day.

26th. Rested well; pain less; no passage; tongue quite moist; advised her to suckle her child, four months old, again. Gave her one dose of Epsom salts, ʒij.; Tartaric acid, gr. xxv.; Bicarbonate of soda, ʒiss.

Evening. Eat sufficiently to-day; no fever to-day, from report of nurse; fever this evening; medicine operated twice or thrice; pain still in neck.

27th. Looks well; skin clear; appetite pretty good.

Evening. Pain in neck, excruciating; extends to head; no passage to-day. Calomel, gr. iij. at 9 P.M.

28th. Rested pretty well; fever continues, but diminished; neck

easier, and her head quite easy ; some nausea from calomel ; no passage. Repeat Soda, &c.

Evening. Still pain in neck, though not so great as last night ; skin moist ; pulse moderate, less frequent, and less full ; has had only one passage from both calomel and soda, and salts ; has eaten less ; sent her some figs and apples.

29th. Repeated the powder of soda and salts.

Evening. Rise of fever, and increase of pain in the back of the neck ; she cannot move her head, and screams out with the pain ; the nurse had applied a mustard poultice. Linimentum saponis, ℥ij., to be rubbed in ; before which, three grains of calomel were given.

30th. Calomel operated once — *unusual* ; fever quite low ; rested pretty well ; pulse diminished in quickness ; pain of bowels less. Rub in liniment again, and give soda and tartaric acid with Epsom salts, ℥ij.

Evening. Medicine operated three times well ; fever rose late ; at nine, pulse full, skin hot, neck painful — not so much so as last night. Rub in liniment three times a day. Eaten moderately of light food ; wished a boiled egg in the morning ; allowed it. When fever subsides, will it disagree, or shall a blister be applied to stop the fever ? Is it of hepatic origin ? This is the 18th day.

31st. Fever still ; pulse softer, and skin moist ; ate an egg for breakfast.

Evening. Pain extends to head. Cal. gr. viij. h. s.

August 1st. Epsom salts, soda, and tartaric acid. Calomel did not operate ; fever lower, and skin moist ; pain much less. Emp. vesic. to the back of the neck.

Evening. Blister drew well, and relieved the neck ; pain in back part of head ; fever at three. Took another powder at 2 o'clock, first operated once or twice ; extremely weak.

2d. Medicine operated well in the night ; fever and pain still ; blister not inflamed.

Evening. Better in every respect ; head and neck not entirely free from pain, but universal perspiration, and moves her head with very little trouble.

3d. Swelling of a cluster of glands in the back of the neck ; they were swelled less on the application of the blister ; slight passage yesterday ; none since ; drank some coffee for breakfast, and ate some bread ; rested well ; pulse still quick ; had a little pain in the back of the neck during the night.

7th. Able to walk about the house ; takes salts occasionally. Convalescent. 1830.

CASE. Mrs. —, July 30th. Chill yesterday evening. Cal. gr. ix., h. s., and Sal. manè.

Evening. Chill.

August 1st. Little fever or thirst to-day ; fulness of stomach this morning.

Evening. Pulse natural. Cal. gr. viij., and Sal. ʒij. manê.

2d. Wretched night; *she felt tremulous*; discharged black bile, a large quantity; her medicines have operated very well; she had no fever scarcely.

Evening. Chill, at 5 P.M.

3d. Less fulness about the stomach; pulse rather quicker than usual; no thirst from the first; bad taste; no nausea or puking. Cal. gr. vi. h. s., and Sal. manê.

4th. Fever low, and skin this evening, at 6 o'clock, moist; her ague then, has passed the time one hour.

5th. Missed ague last evening; slept well, and had thirst for the first time; no fever, but the bitterness of mouth still. Therm. 66° — 76 degrees yesterday. 1831.

CASE. Miss —, a child. July 23d. Fever all day, with pain in the neck. Cal. gr. v. noctè; Sal. amar. manê.

24th. Took a dose of salts early this morning, which was discharged with a large quantity of bile, and another three hours after, which was rejected with green bile: it then operated copiously downwards.

Evening. Running about; skin moist.

25th. Well. 1831.

CASE. Bob, a servant. August 26th. Ague this afternoon, and one before, perhaps yesterday; has taken a dose of calomel and salts. Rep. Cal. noctè, and Sal. manê.

28th. Exposed himself to wet yesterday at work; feels sore all over; ague at night; no pain in head; not much fever this morning.

29th. Chill this evening.

30th. Fever and sweating.

Evening. Out.

Sept. 1st. Well.

CASE. Mary, a servant. August 26th. Pain in epigastrio, and fever. Cal. gr. viij. h. s., and Sal. manê.

28th. Very high fever last night; skin excessively hot; sweated about day; head still pained, and pain in the stomach less; medicine operated well yesterday. Cal. gr. viij. h. s., and Sal. manê.

29th. Medicine only operated once; nose bled plentifully, and relieved the head. Directed more salts at ten, if no more evacuation.

30th. Headache still; very little fever last night.

Evening. Epistaxis.

31st. Cal. gr. vi. h. s., and Sal. manê.

Sept. 2d. Convalescent.

CASE. Louisa, a servant. August 21st. Ague yesterday evening, and this morning at 9 o'clock.

Evening. Cal. gr. viij. h. s., and Sal. manè.

22d. Ague at 2 o'clock, P.M., very severe.

23d. Ague this morning. Cal. gr. v. h. s., and Sal. manè.

24th. Ague at four, this evening.

25th. Still fever; chill this morning. S. quinine, gr. i. General perspiration this evening.

26th. Did not take the quinine. Takes it this morning, and repeats it at 11 or 12 o'clock.

Evening. The second dose seems to have stopt the ague.

27th. Missed the ague; sitting up.

28th. Ague came on, but very slight, last night after sunset.

30th. Quinine, gr. i.

Evening. No chill; no fever.

CASE. Mr. —, July 15th. Was taken last night early with an ague. Took in the night twelve grains of calomel, and salts this morning; they have operated; complains of excruciating pain in the back and limbs, and headache; no thirst; has been puking; pulse very little excited; face flushed.

Noon. Medicine operated pretty well; pains easier; face flushed, or much as this morning; pulse moderate.

Evening. Pains very much relieved by perspiration; medicine continues to operate. The violence of the pain in the back and head, and sick stomach, induced him to have sinapisms applied to those parts last night, which are now in a state of inflammation. The sinapism on the back has acted so severely, that he is afraid it is blistered; pulse very little disturbed, and stomach quiet.

16th. Was walking about the room all night; pain in the back returned with violence; pulse almost natural; headache. Cal. gr. x., and at 10 o'clock, Jal. \mathfrak{z} i.; Cr. tart. \mathfrak{z} i.

Evening. Pulse natural; medicine operated well, but restless.

17th. Slept last night. This morning very much refreshed, and skin moist; has had a cough for the last two days; it is loose.

Evening. Perspiration has continued all day; no pain, except very slight headache; has been out; appetite returned, particularly for bacon, though he is forbidden to use it.

18th. Slept from eight to eleven, last night; he then felt very unwell; more headache this morning; skin moist; tongue dry, and discoloured at the tip; no passage since the physic. R. Natr. tart. \mathfrak{z} ij. (Sodæ et Potassæ tartras); Natr. carb. (Potassæ carb.) \mathfrak{z} ij.; Aq. \mathfrak{z} ij. R. Acid. tart. gr. xxxv.; Aq. \mathfrak{z} i. M. et Cap. in act. efferv.

Evening. Effervescing draught operated several times; cough continues, particularly at night; expectorates with ease; more nausea than usual to day; skin moist; pulse fuller than usual. Cal. gr. ix. h. s.; Sal. manè.

19th. There must have been a rise of fever last night; face flushed this morning. Expectorated a great deal last night; medicine has operated slightly. R. Coch. parv. ij. Sal. A.; Aq. \mathfrak{z} ij.; Sodæ supercarb. \mathfrak{z} ij.; Succ. limon. \mathfrak{z} ij. Cap. stat. rep. dos. circiter merid.,

et hor. 2 P.M. si opus sit. Pulse not so full as last night; he feels much soreness about the back; nothing like the acute pain first complained of.

Evening. Medicine has operated well; fever declined; no headache fortunately, as the cough would very much increase it. About the same degree of remission, as on Monday evening, with rather less excitement of pulse.

20th. Considerable remission of fever; coughed very much last night, and spat freely.

Evening. Found him in the yard; said he felt better from the exercise of walking. Convalescent. Bilious Remittent. 1831.

CASE. A boy, æt. 4. July 14th. Was taken with an ague at noon. Took Calomel, gr. v. at night.

15th. Was called to him at night, and found him, with violent headache and fever. Took Calomel, gr. v.

16th. Headache and fever continued. About 3 o'clock, P.M., I was called to him, and found him insensible; face paler; his *tongue* in constant motion; sometimes smacking his mouth, and appeared to be nauseated; he had a convulsion, and was dark in the face. Applied mint steeped in vinegar to the stomach. Saturated carbonate of potash, ℞iiss., with the juice of one lemon, and directed it to be given by tea-spoonfuls; and then applied a blister to the neck. Called to-night, and found he had no return of the fits. Gave him Calomel, gr. v.

17th. *This morning had recovered his senses completely*; no headache; scarcely any fever; plaster drew well. In the *evening*, face very much flushed in two large spots, though head cool and skin generally temperate. After every dose of calomel, which was every night administered, he took the next morning, ℞ss. Ol. ricini; they have operated well every day: calomel to be omitted this evening.

18th. This morning, fever very much declined; nearly an apyrexia; drank a little tea, and ate a small piece of light bread; mind correct; *exacerbation of fever at noon*; face flushed.

Evening. Face lost its flushing; general moisture over the whole surface of the body; he is restless, and frets every now and then; seems insensible when spoken to. Cal. gr. v. h. s., and Ol. ric. manê. Made an effort to have a passage this evening, without effect; has slept much to-day.

19th. Rested badly; had two passages in the night; mind quite correct; medicine has not operated; fever not off; face a little flushed; must have been a rise of fever last night.

Evening. Left him sleeping sweetly; eat a little molasses and bread for dinner; medicine has operated well, and brought away yellow bile — before, it was very dark. Since 9 o'clock, his father called to inform me that his fever had risen, as of course, and he had frequently complained of his belly; wished to know if he might not take some calomel. Gave Calomel, gr. iij.

20th. Restless night; had a good passage this morning, by which he was much relieved; fever lowered, and perspiration came on; did not sleep two hours last night.

Evening. Did not see him till 8 o'clock; found him occasionally moving; has not complained of his head to-day; bowels have been, perhaps unusually, griped; passages of dark bile—thick; upon exposing the naked surface of the body, to the south-west wind blowing briskly, he became cooled; head pretty much in the state that it was the day before yesterday; has drunk frequently of lemonade; ate a little bread early this morning; extremely weak.

21st. Had several passages in the night; one early this morning, more correct; his skin cool; pulse and breathing a little quick, but unaltered by $\frac{1}{2}$ gr. Quinine at seven and nine; no headache induced; at twelve, universal moisture; took another dose, and directed two more before bed-time. Took the Quinine, till 5 o'clock; fever came on afterwards; at eight, pulse quite active; thirst; pain in the belly frequently. Calomel h. s., and Ol. ric. manè.

22d. Calomel did not operate; fever continues; skin deeply sallow. Ol. ric. this morning.

Evening. Passed a good day; although it was the comatose day in course; skin of agreeable warmth; not hot; medicine operated well; resume quinine in the morning; craves this evening sugar-candy.

24th. Spent a restless night; no passage yesterday; did not see him; called to him this morning; found him complaining, with some febrile excitement; had been complaining of his belly's griping; his father gave him a dose of castor oil early this morning, which gave him a large and free passage; he had wished his breakfast, but was denied it by his parents. Directed lemonade. This is the 11th day, and the worse day in course. He was much better all day yesterday, and took five doses of Quinine. 1831. Bilious Fever.

CASE. Sylvia, an old servant. June 24th. Chill the day before yesterday, in the morning; took salts night before last; worked all day yesterday. Fever this morning, with headache and sick stomach.

Evening. Head easy, but stomach still sick. Fever less. Cal. gr. vi. h. s., and Epsom salts, \mathfrak{z} ij., manè.

25th. Very little fever this morning, but calomel did not operate; salts just beginning.

Evening. Medicine still operating.

28th. Convalescent.

CASE. Mr. ——. Bilious Fever and Colic. Jan. 11th. Taken with bilious colic. At night, took Calomel, gr. x.

12th. Salts, jalap, and cremor tartar, glysters, and used the warm

bath, with no effect; the puking of greenish bile, pain in epigastrio and limbs continued. At night, I gave him two pills of calomel, containing four grains each, which in a short time were puked up with green bile; they were repeated immediately; he took two pills, three grains each, late in the night, which were retained, and the puking stopped.

13th. Puking again early this morning, and brought up some thick, green bile. At seven, had no passage since the glyster of yesterday, which was passed indeed, without fæces. I gave him two pills, with five grains in each; he complained much of pain in his legs and thighs; the colic pain easy; there was nausea, and the pulse quickened and rather tense. A blister was applied about 10 o'clock last night, which drew well, and he had some rest. At 6 P.M. he had a fine passage, (which could not be procured before,) from taking a table-spoonful of castor oil at noon.

14th. I saw him at 11 o'clock this morning; he felt at that time a rumbling in the belly, as if the calomel was about to operate; and I directed a dose of castor oil, \bar{z} ss., every two hours, beginning about 1 o'clock.

8 o'clock. He took the oil, \bar{z} ss., at 1 o'clock, and two hours afterwards \bar{z} i., which I find have procured two passages, the last large, highly bilious, and yellow; he has drunk balm-tea, which he has retained on his stomach; has not puked since 7 o'clock this morning; complains of slight sore throat, pain in the legs, soreness in the former seat of abdominal pain, and pain in the small of the back; *pulse full and frequent*; has experienced no headache; the pain in the first evening of the attack, was ushered in with very cold extremities, and induced general coldness and puking of bile, which continued till this morning, with only some interval last night, after taking the second dose of pills; left him disposed to sleep.

15th. Rested pretty well last night; spits much this morning, but throat much better; asked him if the teeth felt sore; he said, very little; tongue covered with white scurf; had two fine bilious passages this morning; sitting up in bed, and feels better in every respect; pulse more febrile; much quicker and firmer, but not so full.

Evening. Fever continues; pulse quick and active. At 1 o'clock, he was given a dose of C. oil, which has operated three times; passages of green bile. I left him Calomel, gr. viij., to take at bedtime.

16th. The calomel did not operate; took some castor-oil at 8 o'clock; pulse reduced nearly to natural standard; skin cool and a little moist; no pain; rested better last night.

Evening. No fever to-day; oil operated with calomel, four times; oil seen in the first passage.

17th. No pain or fever last night: had taken before I saw him a table-spoonful and a half of salts; has taken no food since confined. Directed mush and milk; he preferred coffee and dry toast.

Evening. The salts have operated four times, and have brought away yellow bile freely; he has passed bile by the kidneys; feet and hands have been cold, though he was not sensible of it; pulse quickened; suffered much from nausea, and puked up his coffee and the mush and milk, which he ate with an appetite, for his dinner, at 2 o'clock. Cap. Cal. gr. vi. h. s.

18th. Rested badly, but stomach pretty quiet during the night. This morning, sickened probably by the calomel, puked greenish-yellow fluid; pulse moderate; has had one slight passage. Called in two hours; found his hands warmer than yesterday, and he has had another large passage. R. Sodæ Bicarb. ℥ij.; Sod. et Pot. tart. ℥ij.; Aq. ℥iij. Solve et adde Acid. tart. gr. xxxv. statim deglutend.: undecima horâ repetend. About an hour after taking the last dose, he drank a cup of balm-tea and brought it up, with a large quantity of bile. His stomach then got composed, and he drank some balm-tea and retained it, and has since been drinking cold water, which he had been compelled to refrain from, since he was first attacked, owing to sick stomach; has had three full passages, and his nurse says, has puked thick bile like the yolk of a boiled egg. In one of the passages she discovered the greens, which he ate for dinner on the 12th instant, the day on which he was first attacked.

Pulse very full this evening, and there has been, since 12 o'clock, a considerable rise of fever.

19th. Rested better last night; no nausea this morning; fever lower; pulse still febrile, with some activity in the stroke; has taken a cup of balm-tea, and a little weak coffee.

Evening. Ague; no passage to-day; pulse full. Cal. gr. vi. h. s., and Ol. ricini, manè.

20th. The calomel gave him a fine passage this morning; oil at half-past seven sickened him; pulse, of course, less active; sweated last night.

Evening. Medicine has operated better than any before; had five yellow bilious discharges; slight return of colic or pain in epigastrio; ague more distinct; about the same time as yesterday, half-past three; at five this evening, complains of great heat; pulse active; skin hot; drank a cup of tea; has been using lemonade.

21st. Rested well. Seized with pain in the right side this morning; took a cup of tea after being relieved, but was afraid of mush and milk; very little fever.

Evening. The pain is still more troublesome when he moves; no passage to-day; has been perspiring freely and generally, this evening; pulse rather quick. Pill repeated, and instead of the oil, which kept him constantly sick yesterday, to take to-morrow morning the effervescing aperients; no chill.

22d. Rested well; soreness now about the region where he yesterday felt pain; pulse quickened, but small; no passage from calomel. Rep. Pulv. efferves.

Evening. Has had only two passages from the two doses; chill again, after missing it yesterday evening; at 8 o'clock, pulse full;

drank two glasses of lemonade, which, instead of exciting pains, produced relief.

23d. Rested well; without fever or pain this morning; skin has been moist; says he can eat, though feels probably no appetite. Cal. S. quinine, gr. i.

He took another dose at twelve, and it was repeated at half-past one, when he had a moist skin, and a pulse not the least excited by the two previous doses; wished to have some food; milk and rice was advised; no alvine discharges yet; should not give purgative medicine to-day, as there might be a chance of obviating the usual return of the ague about 3 o'clock, or a little after three.

Evening. Has eaten some milk and rice.

24th. Rested well; no fever; no inconvenience felt from the want of a passage. Convalescent.

CASE. Mrs. —, April 21st. Has for ten days had tertian fever, with a chill every other day, P.M., or circiter meridiem; nausea, &c.; missed it yesterday, but feverish this morning; has taken calomel every other night, and salts next morning; thinks she has been without fever entirely since the last autumn, but has attended to her business. Her mind has been in a state of constant anxiety about her daughter; she has been expecting her during the winter and spring, but disappointed.

24th. Her daughter came on the 22d. She took four grains of calomel yesterday morning, and, at eleven, Epsom salts; fever came on about noon; her chills have left her; medicine operated well; feels an internal burning. Magnes Dij., and lemonade after it this morning.

Evening. Fever again at eleven; very little excitement this evening; ate with some appetite, for the first time.

25th. Fourteenth day; skin clear; pulse natural; looks languid. 1832.

CASE. Mr. —. Complains of pain all over the body; has a cough; violent headache; pain down both sides of the chest, and in the iliac regions; chill at ten this morning. Well yesterday, and slept well last night. Taken day before yesterday with general pains; fishing at the mouth of the creek the day before. Took salts yesterday, without effect. The night before I prescribed calomel; but he felt so much better at bedtime, that he would not take it.

2d. Calomel operated upwards; salts operating this evening; no perspiration except when puking; pulse slower, but still a fulness; no pain of head or elsewhere; walking about; tongue clean.

3d. Thinks he had a chill at twelve last night; pulse round and full, and slow as natural; gave no medicine, as there could be no more ague, awaiting the regular return of it at ten or twelve this morning.

Evening. Ague came on later, say 12 o'clock; pain in head great; other pains less. Cal. gr. x.

4th. Calomel made him very sick, as usual; he puked a great deal of yellow bile; took salts early; operated well; brought away yellow bile; no fever, and skin moist; some little uneasiness over the eyes.

5th. Sweated all night; tongue moist; pulse very little excited; probably from dressing. Either a crisis or intermission, for the *first time*. I think there is a light bilious tint in the tunica conjunctiva.

Evening. Chill was severe this morning, anticipating the usual time; headache excessive; at 7 o'clock, general perspiration. Epsom salts rep.

6th. (9th day.) No fever; slept pretty well, after he took the calomel at 9 o'clock, which operated after taking the salts; pulse and skin indicate apyrexia; head feels clearer and easier; over the right eye some little uneasiness, to which he is subject; he says, from nervousness; he feels generally more natural.

Evening. Medicine has operated all day, pretty copiously at first; head easy; full pulse; feels excessive appetite, but has only taken lemonade and an orange to-day; no moisture on the skin at present.

7th. Found him dressing; sweated profusely last night; shirt wet and cold; pulse quickened by the exertion probably of dressing; was not disturbed by the physic last night.

Evening. Very severe ague at 2 o'clock; less headache; ague more violent than before. Cal. gr. vi. h. s., Epsom salts, manè.

8th. Medicine operating well; has had one very large evacuation; tongue rather foul; has been griped much.

9th. Took a pill last night and three this morning of quinine, and will take one at noon. Expects chill at 2 P.M.; desire of raw oysters.

Evening. Four doses of quinine this morning, and one last night; but ague at two, severe, and sweat at six; headache. Quinine operated three times.

10th. Slept all night; quinine at noon and night; no headache or fever.

11th. Three pills this morning, last at half-past nine. Take one at half-past ten, and another at half-past eleven; then stop.

Evening. Missed ague.

12th. Left town. 1833.

CASE. Mr. —, Oct. 15th. Taken.

17th. Calomel taken at night.

20th. Gamboge and aloes yesterday morning; not free passages; sick stomach and puking half of yesterday, and all last night. This morning continues; head hot; puked green bile last night. Directed one tea-spoonful of Cremor tartar, and two heaped, of Magnesia, o. 2 hor.: a glyster was directed now and then.

Evening. He has taken four doses of cremor tartar and magnesia, with the happiest effect; operated well; sick stomach and headache gone; probably he had an ague last night, and one this morning. The ague last night probably lasted till this morning; there was very little reaction, puking all night, and drinking cold water. This might well bring sweat.

21st. Fever all day; has drank buttermilk this evening; is expecting the disordered stomach, which has come on every other night. Directed the application of mustard poultices. Taken two doses of magnesia and cremor tartar; operated well.

22d. No sick stomach last night, and rested well; no fever this morning. Took two tea-spoonfuls of Magnesia, and one of Cremor tartar, in half a tumbler of water, as heretofore; complained of bad taste; drank a glass of buttermilk just before bed-time, which did not bring on puking. Directed the Magnesia and Cr. tart. to be repeated o. 2 h.

Evening. Took two doses, which operated well. Convalescent. 1833.

CASE. Mr. —, Aug. 1st. Had an ague at night.

2d. Fever rose at noon. At night, cough and slight pain of side, full, soft pulse, and dry skin: it rained yesterday afternoon, and he took cold. This morning, Epsom salts, $\bar{3}$ ij. ; Cr. tart., $\bar{3}$ i. ; operated three times.

3d. Full pulse; heat of skin; hungry; pain in side last night; tongue, after washing, clear. Rep. aperient.

Evening. One evacuation, large; rise of fever at eleven; no ague; ought to have had one this evening, to correspond with evening before last; pulse very full; skin moist; cough; no pain any where; no appetite; proof of its being fresh fever from cold, evening before last.

4th. Fever; eyes red. Medicine of yesterday operated in the night and this morning; rise of fever, Mrs. — thinks, at twelve. This evening perspiration; cough very troublesome, and expectoration yellow.

5th. Fever and cough, and pain in shoulder and side; rainy night; rested badly; spits freely. Rep. Salts and Cremor tartar; tongue clean and sleek; most profuse sweat; fever lower.

Evening. Medicine operated three times well; chill at two; fever pretty high; coughs frequently, and expectorates white mucus now; has eaten two roasted apples heartily.

6th. Flatulent colic, from apples; kept him awake all night. Skin hot this morning, but perspiring; barley-water.

Evening. Has had a rise of fever to-day, without chill; hot skin; quick pulse; expectorates freely; very cheerful; talkative; a good passage to-day.

7th. Did not sleep last night for the cough; fever lower than for the seven days; or the last attack; tongue perfectly natural. Milk and water tea; barley-water; roasted apples.

Evening. Passed a pretty good day ; pulse is too much excited ; cough is not so troublesome ; has drank his barley-water, and eaten molasses stewed with horehound ; the latter I objected to the use of, to-night.

8th. Had a better night ; less cough and fever ; perspiration and hot skin ; eyes clear ; no sanguineous suffusion. Rep. Salts and Cremor tartar.

Evening. No rise of fever ; medicine operated four times.

9th. No rise of fever to-day ; cough much better ; appetite great. 1836.

CASE. Mr. —, August 17th. Taken in York-town, several days since.

Evening. No fever. Cal. gr. viij.

18th. Epsom salts ; ague at 10 o'clock, two hours. Salts again at 7 P.M.

19th. Bad night ; fever. Seidlitz powder at eight or ten, si opus sit.

Evening. Medicine operated well, three times ; fever declining. Cal. gr. viij. h. s., and Salts, at four to-morrow morning.

20th. No headache ; fever low ; calomel operated at three ; salts taken at four ; puked. At seven, a Seidlitz powder \bar{i} . Quinine, gr. ij. and rep. at nine, if no evacuation ; headache.

Evening. But at nine, ague ; at two, Quinine, gr. ij., and Salts ; operated well. At six, nausea. Fever commenced the evening of the 12th instant.

21st. This day, in the evening, ninth day ends ; took at five, two grains of Quinine, with a Seidlitz powder ; operated well ; looks pale ; pulse just febrile. Half-past seven, two grains of Quinine plain, and no more to-day, until, perhaps, this evening.

Evening. No return of fever ; no quinine. 1836.

CASE. Mr. —. Two exacerbations daily.

July 4th. Thought he had dysentery, and asked if he might take six grains of calomel. He probably took calomel on the third.

5th. Took at night six grains more of calomel.

6th. Head and abdomen seats of pain last night ; pulse very tense ; bled to \bar{z} iv. and stopped, finding it getting full and soft ; and took afterwards four or five ounces more ; it was not buffed.

Evening. Applied a sinapism to the belly, and took it off after it had inflamed the skin ; he shortly afterwards had a large, light, bilious passage, which had been green before ; head, though, still pained, and tongue coated with yellowish-white sordes. Applied a sinapism to back of neck ; pain in back of head, and sitting upright to make it as easy as he could by position, and by a Seidlitz powder ; he was in a fine perspiration at 4 o'clock, which gave him ease, before he took the powder ; left him at five, and he asked if he might repeat powders, which I consented to, and desired him to omit calomel.

7th. Expanded pulse, almost apyrexia ; artificial diarrhœa dur-

ing night from Seidlitz powder; head and bowels easier, at half-past nine this morning; exacerbation with chilly feelings, expected this morning at twelve. Salts, or use P. Seidlitz, o. 2 h.

Evening. Rise of fever at noon; increase of headache, and colic; pain in back, and all around the belly; taken five doses of Seidlitz powders without effect; pulse contracted again; skin dry and hot; says he can induce perspiration, when he pleases, by a blanket. Directed Calomel, gr. vi., if the pains and nervous symptoms should come on again.

10th. Paroxysms again, with nervous symptoms, afternoon. This morning calomel operated slightly, and he took oil, which puked him, and he then threw up gruel; afterwards discharged much bile, and took Seidlitz powders, without effect; complained of great uneasiness about the back; head better this morning; was fearful his case resembled his father's, who died of yellow fever.

Evening. Head quite easy; pain in bowels relieved, by pressing hard with the end of a stick; Seidlitz powders have produced good, light, bilious evacuations; pulse full and soft; thirst for the first time, and sweating.

11th. Slept better last night, pulse felt not very frequent; has a flirt. Took five tea-spoonfuls of Epsom salts without effect, at half-past nine. Then gave Seidlitz powders, and directed them to be taken as before. Tongue loaded with yellowish deposit.

Evening. The nervous symptoms in the accession of the fever were arrested at once, by the application of a sinapism to the stomach; medicine has operated; pulse reduced at 7 o'clock; symptoms generally better. Cal. gr. vi. h. s., and Salts, manê.

12th. Extremely languid; no evacuation at half-past nine. Epsom salts, \bar{z} iss.; Water, \bar{f} bi. ad enem.; tongue coated thick.

Evening. Glyster was twice given, with very little effect; however, late in the day, he had a very good, full, free, light-coloured, bilious passage; no exacerbation of fever; pulse as slow this evening as this morning; no perspiration yet; has eaten rice all this evening.

13th. No fever; slept well; probably no return of fever last night; will eat some bread and milk at ten.

14th. Fever last night. Quinine, gr. i., and Salts, \bar{z} i. o. 2 h. donec responderit alveus; deinde Quiniæ, per se; complains of giddiness, when he rises. Directed to lie with his head erect, until he could finally get up and dress.

Evening. Taken six doses of quinine; in a profuse sweat, from covering with a blanket. Directed, as a light stimulant, some weak tea.

15th. Convalescent. No medicine; ought to have taken the steamboat for Richmond.

17th. Took the steamboat for Richmond. Bilious Fever. 1837.

CHAPTER II.

INFLAMMATIONS OF THE PLEURA AND LUNGS.

CASE. Mr.—, æt. 30. March 30th. Seized to-day with an ague, which lasted three hours; succeeded by fever, cough, and most excruciating pain in the side, near the junction of the ribs with the vertebræ; pulse full and frequent; tongue moist, and skin also. V.S. ad ξ x.; sinapism lateri.

18th. No expectoration; cough frequent; pain violent; tongue moist. V.S. ad ξ xx.; E. vesic. lateri.

19th. No expectoration; pulse frequent. Cap. Epsom salts, ξ i.

20th. Expectoration free; fever gone with the pain; cold drinks, throughout the complaint, and sitting up. 1811.

1812. March and February. Many cases of Bilious Peripneumony, with great determination to the head. V.S. at every exacerbation of fever. Cathartic powders of Cr. tart., Calomel, Tart. emetic, and Magnesia; and blister to the side, nape of neck, and forehead. Castor oil in the morning, and calomel at night. Used little or no opium.

CASE. Mr.—, æt. 42. Oct. 25th. Has been much habituated to the immoderate use of ardent spirit. Rode several miles in the country last night, very much intoxicated, came home very late, and complained of being much chilled before he went to bed. Was seized this morning with difficult breathing and expectoration, and acute pain under the left nipple; pulse weak and slow; face flushed. He wished me to bleed him, but I refused the use of the lancet, and advised warm sage tea with rum. He sent for me in the evening.

Evening. I found his pulse full and frequent; face turgid, and much more flushed; respiration very difficult; delirious. As I thought venesection now indicated, I took about ξ xii. from a large orifice. The pulse immediately sunk. I was informed, after I had bled him, that he had taken forty drops of laudanum. I applied a blister immediately to the pained part, and ordered half a grain of opium in mint-water, to be given directly, and to be repeated in two hours, if not relieved.

26th. Rested well; pulse this morning natural; skin moist; expectoration free; pain gone. Directed a mint-julep. Cured. This man has frequently been attacked with pain in the sides, simulating pleurisy; and has been so much relieved by large doses of opium, during the night, as to be able the next day to walk abroad. 1812.

CASE. Mr. —, Jan. 10th. A temperate man at present, and

laborious; æt. 36. Has discontinued strong drink altogether for nine months; has been subject to pleurisy and rheumatism. He was seized last night with a chilliness, succeeded by fever, headache, cough, pain in the side, delirium; talking wildly all night. When I saw him this morning, he was lying in a state of stupor; breathing as if in a profound sleep, with his mouth open wide; his face and neck flushed; eyeballs red; the carotid arteries beating tumultuously; the tongue very dry, and covered with a varnished, brown crust; when spoken to in a loud voice, he would answer; but did not complain of any pain. His pulse, sometimes full and rapid, and somewhat strong; and then becoming weaker and slower; his skin dry, though he perspired in the night. He expectorates a bloody mucus; but now he swallows, instead of discharging it. I took from 12 to 16 oz. blood from the arm; he was not conscious of my performing the operation. The arm not held, that he might draw it into the bed. The suffusion about the head and neck became some shades lighter after V.S., and the pulse was small and rather weaker. The blood was covered with a thick, buff coat. R. Magnes., Kali vitriol. (Sulphate of potash); Antim. tart. gr. i. M. et div. in ch. viij. Cap. i. o. 2; quâque horâ ex aq. hordeat. Emp. vesic. lateri. About two hours after the bleeding, his mind was more collected, and he told me distinctly the spot on which the pain was fixed, just about the edge of the pectoral muscle. He complained also of pain in the back.

Evening. After taking two of the powders, he puked twice, and had two alvine discharges; the first of which he passed in bed, without a consciousness. His tongue became cleaner; the crust was completely removed, and discovered a furred, but moist and somewhat white surface. He took a third powder, which produced a good passage, and considerable nausea; he was covered with a copious sweat. I raised the blister plaster, and he complained of the irritation; but said afterwards, "he felt no pain, and that his back was easy." He was averse to taking his barley-water, because it was too sweet. After sitting with him half an hour, the sweat subsided, and the pulse became firmer and fuller. His cough less frequent than during the night. He expectorates scarcely any mucus. The respiration is by no means difficult. He continues sleeping, but answers pertinently any question. The intellect is clearer, and he discovers more sensibility. He discharged a good deal of bile by puking. The tongue has again the dry and dark appearance without the gloss, and is chapped. Directed the blister to remain on the part till the morning, to drink barley-water, and to omit the powders during the night.

11th. He had six large bilious passages during the night; he rested well in the early part of the night. Was seized with an ague about daylight, which lasted two hours: he had one puke and a passage during the fit; complains this morning of pains in his knees, and great thirst; his cough was not troublesome during the night; he spits a white mucus this morning with ease, though

in small quantities. The pulse is full, not very frequent; face flushed; tongue white and dry; his senses restored.

Noon. The fever has risen; pulse full, soft, and not very frequent; respiration easy; coughs now and then, but suffers no pain about the chest; head a little pained; slight aberration of intellect; skin dry; has had several passages since the morning, attended with no griping; restless. He was capable of giving this morning, directions to his workmen.

Evening. Complains still more of pains in his knees, with stiffness in moving his eyes; tongue moist, with a whitish list on each side; thirst less; sick stomach, when he takes any liquid nourishment the least sweet. He drinks toast and water, with a very small proportion of wine; pulse equal, somewhat hard, and more frequent; skin dry; perfectly free from delirium; face flushed; respiration easy; restless; had a large passage about 6 o'clock. *Pediluvium.*

12th. Passed a restless night; had six evacuations, not so copious; tongue looks better; the list less extensive; pulse still full in the right wrist — of half the volume in the left; some return of appetite; has craved a dish of chocolate; wishes to drink horehound tea; I directed it to be given weak; face flushed; intellect quite clear; coughs now and then; spits but little; respiration easy.

Evening. Face still flushed; pulse full; respiration somewhat hurried; has had three or four bilious passages this morning; restless, and has got up frequently and sat in his chair; has drunk three cups of chocolate in the course of the day; coughs but seldom, and expectorates a very little whitish mucus; complains of pain in the epigastrium; skin still dry; has been frequently chilly in the course of the day, and I directed more bedclothes to be thrown on him, which were occasionally removed when he felt nausea. The pains in his knees and legs have in a measure left him. He sleeps generally, and when he awakes, observes he is not conscious of having slept. Took six or eight ounces of blood from the arm, which reduced the activity of the pulse a little. Applied a blister to the epigastrium. Intellect not so distinct this evening. The face became a shade lighter after the V.S. Said he did not feel weakened by the bleeding. In half an hour, or an hour, the crimson had returned, and the force of the pulse was nearly the same as before; but the volume was not quite so great. Fearing that the bleeding might debilitate him, I gave him half a glass of wine and water. Fifteen minutes afterwards, I allowed him to take a draught of cold water. This has been so much like a typhous case, that I have been afraid of the liberal use of the lancet. He complained of slight sore throat this morning; does not feel it this evening. In the country several cases have assumed a typhous form. From the respiration in this case, there does not appear to be much congestion about the lungs. The *chills* either denote a disposition to vomicae, or they are symptoms of bilious remittent, mingled with

pneumonic inflammation. The pains in the lower extremities are certainly so. Sore throat supervening upon peripneumony, I think, from what I have seen, is an unfavourable symptom; the patient seldom recovering.

13th. He rested very well till 12 or 1 o'clock; has expectorated freely; skin soft; pulse slower, temperate, and considerably less full; tongue moist, and the lists disappeared. Had two passages in the night, and one this morning; he coughs more frequently, and more loosely; still complains of stiffness in the lower limbs; the chilly sensations continue, and he requires a load of bed-clothes; face flushed; has been restless the latter part of the night, and this morning; has risen from his bed frequently; no delirium; the pain in the epigastric region has left him; the blood which was taken last night shows no serum; the gluten covers the red part for some depth, but does not appear to be of so thick a consistence as the first. Speaks of his delirium on Monday, and observes, that his family informed him, that he was insensible to everything.

Evening. He has been extremely restless all day, and has frequently sat up in the arm-chair, until he was so exhausted, that he was obliged to lie down; has had two passages since the morning. Complains that his head is confused, and that he cannot sleep. His fever has been high all day, from his wife's account; but I suppose there was an exacerbation about noon, as usual. This evening, his pulse is much quicker, and more active, and indicates the use of the lancet. However, from a fear of inducing too much debility and relaxation, I declined it. His tongue is moist and clear; face flushed; skin dry; cough frequent, and expectoration not free. Directed a napkin soaked in vinegar, to be applied to the head, and Tr. of Camphor, ℥ij. at bedtime, and to be repeated, if necessary. He is anxious and impatient, and says he should feel much better if he could walk about the room. His respiration is hurried.

14th. Rested well last night, and expectorated freely; did not sweat; had no evacuation after his draught, nor did he sit up. His face this morning, for the first time, has lost its redness, and has assumed its natural hue; the restlessness begins; he has been twice out of bed already, and I left him sitting up; tongue dry; pulse rather feeble; intellect somewhat affected; had a free discharge of urine. While he was standing up, had a pretty free discharge of thick, yellowish mucus from the bronchiæ, before which he coughed several times, without discharging any. R. Senegæ, ℥ij.; Sem. lini, ℥ij. Coque in Aq. ꝑbi. et cola. Cap. coch. iij. 2dâ quâque horâ. Emp. vesic. nuchæ. Wine-whey to be drunk occasionally.

Evening. His respiration this evening is short; skin dry; tongue dry and red; pulse somewhat excited; I fear, from the imprudent use of the wine-whey. There are symptoms of mild delirium; cough loose, but he seems to swallow the mucus. Directed the

repetition of the paregoric. His pulse is not very quick or rapid, but rather full and frequent; he had a passage this evening; face flushed. He has only been out of bed three times.

15th. Rested very well last night; took no paregoric; his appetite this morning is inordinate; has drunk three cups of chocolate, and has craved bacon and oysters; pulse feeble and frequent; expectorates freely; tongue red; face pale; complains vehemently of stiff knees; mild delirium. Decoct. senegæ repeatend.

Evening. The cough this evening is not so loose; the delirium somewhat increased, probably by some external circumstances; as the admission of improper persons into his chamber, and inattention to his diet. He has drunk only a wine-glassful of his whey to-day, and has eaten some animal food; the pulse is not so full this evening, as it was the last; no passage to-day. Directed an injection, and Emp. vesicat. nuchæ. Some parts of the skin were not blistered by the last that was ordered. He has only taken three doses of the seneka to-day; face not so much flushed. Paregoric, ʒij. to-night, if he should not rest well; skin dry.

16th. The first injection last night did not operate. They gave him another, which effected two copious passages. He slept better than he has before; his breathing was full and free; his sleep without moaning, as had been the case; he expectorated freely; drank whey, and wine and water. He is much disposed to sleep this morning; no shortness of breath; pulse full, firm, and not frequent; tongue very dry and red; face of a natural colour; he took the paregoric last evening; skin of a natural temperature. Repet. Decoct. senegæ. The increased action of the arterial system was occasioned perhaps, by unloading the bowels; by which means the blister, wine, and paregoric, acted with more force and better effect.

Evening. Has expectorated pretty freely all day; has taken only two doses of the seneka; it was with difficulty he could be persuaded to take it at all. There seems this evening to be almost an intermission of the fever; the pulse is scarcely above the standard of health; there was some rise of fever about 12 o'clock; the face was then flushed. He had a natural passage this morning, before he took the seneka; he has slept much. His sputa are discharged freely, and appear to be concocted; his tongue dry, and he does not articulate distinctly; has only taken one cup of chocolate to-day; has drunk wine and water, and taken three draughts of cold water; has discharged urine copiously. He sweated a little this morning. Directed another dose of Seneka before bedtime, and to take one tea-spoonful of Paregoric, h. s.; and to repeat it if sleepless; delirium continues; skin cool. Does not the copious discharge of urine compensate for the moderate excretions of the skin?

17th. Evening. Rested well last night; took one dose of the

paregoric ; has expectorated freely to-day ; his cough is not troublesome ; has had two passages to-day, of healthy aspect ; has taken two doses of the decoction. About noon his face was flushed ; has taken three cups of chocolate ; drank wine-whey and wine and water ; pulse not accelerated ; skin moderate ; one tea-spoonful of paregoric at bedtime.

18th. Evening. The pulse is more active this evening, and the skin is warmer ; his breathing easy ; had a good natural passage this morning ; tongue dry and very red ; complexion natural ; has taken three cups of chocolate, and eaten six oysters with bread. His expectoration has not been as free as usual ; has taken rather too much wine. Directed to give toast and water, till the fever declines. Repeat the paregoric, one tea-spoonful. Mild delirium still ; has taken only one dose of the seneka during the day.

19th. There is some increase of excitement in the pulse this morning : probably owing to a second dose of paregoric, which was given about 3 o'clock this morning, to keep him quiet. He wished to sit up, and go to the front door ; and his attendants took this method to compose him. His cough this morning was relieved by expectoration. Repet. Senega.

Evening. He has expectorated freely since the morning. Has eaten and drank plentifully of wine and water, toast and water, three or four cups of chocolate, oysters, and stewed peaches ; has had a good passage ; his blister on the back of the neck, runs ; the others are nearly healed ; has slept a good deal this morning ; he articulates distinctly ; his mind still wanders ; complains of the stiffness of his knees ; they appear somewhat contracted. His strength has increased in some degree ; has passed water frequently and freely. Has taken three doses of seneka. Tr. op. c. 3i. nocte sumend.

20th. Rested well last night. There was considerable flushing of the cheeks this morning, from his drinking a glass of sangaree, made with half wine, and taking his breakfast afterwards. The left knee and leg are much swelled to-day, without external inflammation. He cannot bear the weight of the body upon the limb. Delirium and other symptoms continue much the same.

21st. The leg is much inflamed, particularly upon the tibia ; assuming the appearance of erysipelas ; had gained strength, and the functions of the mind are more perfect ; had a good passage this evening ; has taken no seneka to-day. Directed the abstraction of all stimulating drinks, and the omission of the paregoric to-night ; the mucus is brought up pretty easily, by hawking ; pulse rather quick, and a little full ; face somewhat flushed ; thirst not so great ; rested well last night, after taking the paregoric.

22d. He rested so badly the first part of the night, that he was obliged to take the paregoric. The blush of inflammation is removed from the upper part of the tibia. The knee is less swelled, but the lower part of the leg about the ankle and foot, is considerably so ; though covered with less redness, than appeared

yesterday above. He complains much of pain. His pulse is quick, and face much suffused. In other respects, better. Tongue still dry and red.

23d. The inflammation has appeared on the upper part of the tibia, and the superficial veins are distended all over the limb, which seems more enlarged, particularly about the ankle and foot. In other respects, the same. Took the paregoric last night.

24th. Convalescent. Mind perfectly restored; the inflammation of the superior part of the leg, disappearing; swelling generally subsided. Took no paregoric last night. Has omitted the seneka for three days.

25th. Complains of great debility. He has considerable fever this evening, and the cough is frequent and dry; mind clear; tension and swelling of the leg subsided; the inflammation has appeared about the tendo-Achilles; appetite sufficient.

26th. Coughs and expectorates with ease this morning; pulse full, and rather frequent. He generally takes two cups of coffee, before day; eats with a good appetite; tongue, for the first time, moist. Besides the inflamed spot about the posterior part of the ankle, the former one has returned upon the upper part of the tibia. There is rather more tension upon the limb.

Feb. 3d. Convalescent. The inflammation about the calf of the leg indicates suppuration. It looks somewhat pointed at the lower edge. 1815.

CASE. Mr. ——. Has laboured under cough during the whole winter. Has for several weeks complained of pain in the epigastrium, attended with nausea. Has taken Lee's anti-bilious pills, calomel, and salts, several times without effect. He took a dose of tartar at 1 o'clock, on the 9th of May, which puked him twice; the first puke brought off much bile; after he had puked the last time, it purged him once. At night, he was seized with an ague, which was succeeded by fever, and pain in the right side.

10th. The pain was not so violent, as to require local stimulants; pulse weak; coughs but little; expectorates bloody mucus. R. Jalap., Cr. tart. $\text{ãã.} \text{ʒi.}$; Cal. gr. v. M. Cap. statim. This was immediately rejected from the stomach. He had three small passages in the evening. R. Cal. gr. vii. Ft. Pil. cap. noctè.

11th. Operated twice, before the morning. No fever this morning. R. Jalap., Cremor tart. $\text{ãã.} \text{ʒi.}$ Cap. statim. Operated well through the day; sick stomach relieved; complains not of the pain in the side; has experienced three sleepless nights.

12th. Pulse much reduced; mind full of phantoms whenever he closes his eyes. Mint-julep before breakfast. Porter and water to be drank during the day. The cough last night was not troublesome, but he was kept awake by the sick stomach.

Evening. Has finished the bottle of porter to-day; has expectorated large quantities of bloody mucus; feels excessively weak;

pulse much so. On attempting to sit up, face became extremely pale; said he felt sick all over; side, between the false ribs and ilium, extremely painful; tried a sinapism to it this morning, with great relief. Removed it. Directed its re-application to-night; no passage to-day; tongue still foul, and somewhat whitish.

13th. Rested badly; cough much increased during the night, with very copious bloody expectoration; eyes very yellow this morning; fever higher than usual in the morning; no passage yesterday, or last night. The pulse might have been excited by his taking his mint-julep, and two cups of tea, before I saw him. Talked of eating squirrel soup. R. Magnes.; Cr. tartar, ʒij. M. et div. in ch. vi. Cap. i. 2dâ quâque horâ, in Aq. font. Operated twice slightly; still spits bloody mucus; pulse this evening, nearly as slow as natural; cough does not appear to be troublesome; stomach quiet; drank two cups of tea this evening; used porter and water, and water, for his drink to-day. Has tried to puke twice or thrice in the course of the day. Directed barley-water, if his stomach could take it. The mustard poultice to be applied to the pain; it has moved further forward, and fallen upon the true ribs, just upon the right hypochondrium; has not been violent, except once, when he moved himself perhaps carelessly. The pain became violent about bedtime. Great flatulency of stomach. Emp. vesic. applican. part. dolent. Enema si opus sit.

14th. He took two glysters last night, before he got relieved; they both operated. Skin moist; tongue covered with a very white crust; pulse soft, small, nearly as slow as natural; coughs but seldom; still brings up bloody sputa, mixed with bile; eyes very yellow; he thought his pain was colicky last night; there was more probably, some spasm about the duodenum; the biliary duct cannot be now open; the blister has not been taken off. Directed it to remain till it drew. Has slept more to-day than he has since his confinement; respiration pretty easy. Directed an ounce of Ol. ric. mixed in mint-julep, to be taken in the course of the day; but by no means to interrupt his sleep. Has eaten mush and milk for his breakfast, and took his mint-julep as usual, before it. It was used weak; has drank no porter to-day. Directed barley-water. Face flushed somewhat; but in a recumbent posture; it is so generally. His skin has continued moist the whole day; the fever has not risen at all; pulse slow as natural, this evening; thirst none, to-day. Took the castor oil at 12 o'clock, and it has operated very well. His spitting has lessened much; cough less troublesome. The cough is shrill, and appears dry for several expirations, before he spits, but is expelled easy enough. I did not inquire whether the bloody appearance with bile still continued. The blister was removed this evening; it had drawn. He has felt, in the course of the day, a pain in the shoulder; it has vanished. He has dozed or slept to-day. Taken no nourishment since his breakfast, except a cup of tea this evening.

15th. Rested better last night; cough this morning, still less

troublesome; sputa considerably less bloody; some pure mucus, mixed with a little spot of bloody mucus. Spits small; skin remains in a perspiring state; pulse very weak and slow; ate boiled milk and biscuit for his breakfast; had a passage this morning; eyes less yellow. Porter and water to be repeated; tired of barley-water; sweating continues; no fever; has drunk freely of the porter and water. Proposed toast and water to-night; blister nearly dried; no passage since the morning; expectorates mucus scarcely tinged with blood. The cough has been so much less to-day, that he will probably rest well; therefore directed nothing for that purpose; though an opiate certainly could not be objectionable. While I was with him this evening, he expectorated a large sputum of mucus, after a few efforts, that appeared free from sanguineous tint, which is the first I have observed.

16th. Cough diminishing still; felt a little pain or soreness in the right side this morning; but it wore off. Drinks sangaree to-day; skin still universally moist; tongue still furred; the crust disappeared; pulse rather more active; respiration easy; has been, during the whole fever, very much depressed; is very silent to-day.

17th. Could not sleep last night, but the cough was not troublesome; complained again of soreness about the side, when the blister was applied; skin not moist this morning; eyes not yellow, but slightly red; the bloodvessels a little filled upon the conjunctiva; no passage since the fifteenth. Little heat about the skin; pulse fuller; did not cough at all while I sat with him; ate a little mush and milk for his breakfast; tongue still furred; a little moist about the edges. R. Ol. ricini. ζ i. Cap. statim.

18th. Rested rather better; castor oil operated twice; little blood in the sputa; cough still less; now and then a pretty large mass comes up; complains occasionally of slight pain in the side; no fever; drinks to-day, barley water; no tint of yellow about the eyes; pulse stronger, Convalescent. Perfectly recovered by the 23d; able to go about. R. Ant. Tart. gr. iij.; Aq. coch. ij. Solve. Cap. 1 o. 15 min. pro hor. donec vomuerit. After he had swallowed three table-spoonfuls of the tartarized solution, his cough was attended with slight, bloody, mucous expectoration. He sent for me, and expressed his fears about the repetition of the dose; although it had not, as yet, puked him at all. I agreed that he should desist. Could this effect have been induced by relaxing the capillaries of the bronchiæ and lungs? Could the contractility, however, of the seriferous vessels have been so suddenly weakened by the nauseating effect of the antimony, as to suffer the globules of blood to pass with their natural excretions? The act of puking came on some time afterwards, when in fact he had supposed that no emetic effect could be expected. The force of the circulation through the lungs, as well as through the general system, seems to have been quite weak, during the whole fever; there never has been the slightest tightness about the pulse. Pneumonia Notha Biliosa. 1819.

CASE. Mr.—, Sept. 2d. Taken on the 29th of August with a chill; worked on 30th; a dose of calomel night of 31st; salts yesterday morning; calomel operated once, salts nine times; cough; pain darting through the right side; cannot fetch a long breath; skin hot; hands particularly; head not so hot; has expectorated a little, but the cough seems dry; pulse rather soft, quicker than natural. Pediluvium; drink, barley-water, or water. Thirst excessive.

3d. Quite clear of fever this morning, at 11 o'clock; cough continues; pain in the left and right side about the mammæ. Cap. R. Jal. gr. v.; Cal, gr. v. Ft. pil. ij. Cap. statim.

Evening. Fever risen; pulse rather more active; face flushed; cough troublesome; expectoration stopped, from being profuse last night; thirst great; wished to drink wine and water; irritation chiefly at the top of the windpipe; he had a passage about fifteen minutes after taking the pills, and another large greenish one about four hours afterwards, and no more. Rep. Pil. h. s.; pediluvium.

4th. Sleepless; restless night, and coughed incessantly. Towards morning, after drinking nearly a quart of gruel and barley-water, took a glass of cold water, and expectorated freely; he says, a pint; fever still up; pulse quiet. Pills operated three times.

Evening. Skin quite moist; pulse soft and slow; scarcely any fever; there was rather a clammy feel about the surface; hoarse, and expectorates more freely than I had seen him. Emp. vesic. imponend ab mammâ sinist ad dext; pain in the left having increased since the morning.

5th. The blister drew well, but did not procure sleep; coughed all night; expectorates; pain low, or entirely off; lungs seem exclusively affected. The aperient pills, two or three; one every two hours.

Evening. Powder gave two or three good passages; at five this evening, found the fever rising; supposes it the case every evening, but he expectorates; eats stewed molasses; pulse has never been very active since I have seen him; skin during the morning, perspirable.

6th. Rested well last night, and expectorated, after drinking iced water (moderately iced); cough better; blister drying. Rep. P. Aperient, iij. ut antea; stewed molasses for the cough.

7th. Still better; rested well last night; but little fever. Repeat Aperient pills, iij.

9th. Attending to business; cough and fever still, somewhat; took nothing yesterday nor to-day; bowels sufficiently open; eats mush and milk. 1820.

CASE. Mrs.—, May 14th. Was attacked last night with an ague, which lasted all night, attended with a cough, and pain in the right side; she is not able to lie on the left side; the cough she had before, for several days. I saw her this even-

ing at 3 o'clock. The pain was great. A poultice of mustard, had been applied about an hour before I saw her; she felt it; she complained of most excruciating headache; bowels sufficiently open; cough loose, with a little blood; she has been subject to an intermittent all the winter and spring; no thirst; feels chilly now and then; pulse rather full and quick, but not hard; breathing not laboured. V.S. ζ vi.; cupped. Called at 7 o'clock; found her asleep: she awoke, and said she had got easy, and she was in a profuse perspiration; the pain had shifted across the breast. Directed nothing but a sinapism, if the pain should be urgent.

15th. Had a pain in the back of the head and neck last night, which was rubbed with camphor; rested tolerably well; seized with an ague this morning; fever at 10 o'clock; face flushed; cough; sick stomach; retching; grinding her teeth; had a bilious passage early this morning; still a pain in the right side, and inability to turn on the left; tongue covered with a white, thick, slimy coat; great restlessness and despondency. R. Cal. gr. vi.; Micæ panis, q. s. Ft. pil. iij. Cap. 1 o. 2 h. At 10 o'clock, took a pill, and repeated it at twelve; they gave five bilious passages. At three, visited her: she was restless; skin hot and dry; face flushed; tongue still the same; headache and sick stomach the same; pulse moderate; suffers great anxiety. Directed a large mustard poultice to stomach.

16th. Had a slight chill this morning, about breakfast-time; she has puked bile twice this evening; has had two passages to-day, bilious; one black; expectorates; pain in the side not so bad; wishes to drink cider; allowed her beer and water; headache still; no sweat last night; skin hot and dry to-day; pulse very little accelerated, and rather full; complains of great internal disorder; face flushed. R. Magnes. \mathfrak{z} ij.; Cr. tart. \mathfrak{z} ij. M. et div. in ch. ij. Take one now, 3 o'clock, P.M.; and the other at bedtime, if the first should not operate.

17th. No ague this morning; fever high; cheeks purple; stomach sick; head confused; says, "she cannot get over it;" rested badly. The Magnesia and Cr. tart. did not operate. Cap. Sal. Rochelle, \mathfrak{z} ij. statim., and rep. in 2 or 3 hor. Drinks cold water; her thirst is great.

18th. The fever was excessively high during yesterday; her medicine operated extremely well, four times; two first passages excellent; thirst to-day, great; drinks lemonade; pulse almost natural; face but little flushed; coughs and expectorates pretty freely; heat of stomach much less; confusion of head, &c., all better; rested badly last night. Nothing prescribed to-day.

Evening. Fever risen; pulse more tense and quick; complains of great mental aberration; says she is obliged to keep cold water to her head, to prevent her losing her senses. She lies now on the left side; her breathing is hurried; face not so flushed; has had several good, high-coloured passages spontaneously; could get no lemons for lemonade.

19th. Better in every respect; continues to pass bile by the bowels; fever slight, at half-past ten; head feels better than it has done; no appetite; drinks lemonade.

20th. Evacuations last night; better in every respect; has taken no food yet; drinks cold water with more pleasure than anything else; complains more of the cough tearing her, than any other symptom; pulse quickened; synochal; no headache.

Evening. Fever high; pulse fuller and stronger; skin hot; no passage to-day; complains of much griping. Sal. Rochelle, ℥ij.; to be repeated in the course of the night, if necessary.

21st. Fever rose earlier this morning; at 11 o'clock, the pulse had more force than I should have expected. She thinks the Rochelle salts relieved the griping last night, and perhaps kept the fever down. Cap. Rochelle salts, ℥ij. statim, and rep. circiter 3 hor. post merid. She feels the pain in the side, now and then; the head is rather more painful; the griping comes on now occasionally; less thirst to-day than usual; weather quite cool.

22d. The first dose of salts puked her copiously; the second, operated well on the bowels, carried off the griping, and promoted sleep. She is sitting up in bed to-day; skin warm; pulse a little quick; coughs now and then; no appetite yet; craves acids. She says, she has parted with a great deal of "run-mad" bile since her sickness; has taken no food yet.

23d. Complains of excessive weakness and want of appetite; scarcely any fever.

24th. More sick stomach and headache; had a passage this morning; pulse rather more active; cough continues; expectoration easy.

25th. Cannot keep the cremor tartar on the stomach; she had a good natural passage this morning; slept well last night. 1821.

CASE. A coloured girl. March 26th. Coming home from Hampton, caught cold. Taken with an ague on the 21st or 22d; cough, pain in side, fever, &c., succeeded; pulse weak. Cap. Epsom salts, ℥ss., and apply E. vesic. lateri.

27th. Salts operated well, and blister drew; to-night, the fever is high; cough short; breathing quick; pain shifted to the sternum; expectorates bloody mucus; no sleep; pulse frequent; anxiety; had a passage this morning; headache; lies on her back altogether. Emp. vesic. sterno. R. Cal. P. Jacob. āā. gr. ij.; Micæ panis, q. s. Ft. bolus. Cap. noctê.

28th. The bolus operated five or six times; the first evacuations copious; the blister drew well; spitting and pain the same; countenance better; headache gone; has been rather more confused to-day.

29th. Fever this morning; rested better last night; pulse quick; thirst; pain and expectoration same; no headache. Ant. tart. gr. i., Aq. ℥ij. Solve. Cap. Coch. parv. o. 2 h.

Evening. Pulse less quick, and quite slow; indeed much slower;

skin cool; tartar has not nauseated; has had one passage since the morning, and one before the solution of tartar was given; has taken four doses. Cont. Solut. donec hor. decubitus. The tongue has been generally moist and clean about the edges, with a little whitish deposit on the middle; to-day, it is darkish, or black.

30th. Pain continues; expectoration more difficult; fever less; thirst less; no passage; can now lie on the side. Repeat the antimonial solution.

31st. Did not rest as well as night before last; pulse quick; cough troublesome this morning; no alvine discharge yet; the antimonial was not given after bedtime. It has every day reduced the pulse most evidently, without inducing nausea. Cap. Ol. ricini, ζ ss. statim.

Evening. Fever very low; pulse reduced, and slower; pain less; castor oil operated three times; has eaten nothing since my attendance on her.

April 1st. Better in every respect. Pleuropneumony. 1822.

CASE. Sally, a servant. Sore and swelled gums came on, like catarrh; much pain in the left side. V.S. and salts were used before I saw her.

June 30th. Emp. vesic. lateri, sinist. applic. Cap. Calomel gr. i. 2dâ quâque horâ. Took three doses.

July 1st. Calomel operated several times; reduced the pulse somewhat; blister did not draw well; she rested better, though she did not sleep. Cap. Magnes; and Cr. Tart. ζ ss. 2dâ quâque horâ.

Evening. Powders operated to three doses; passed a great deal of bile; pulse reduced; pain relieved; return of appetite; drank a little beer. The blister was not removed until this evening; it drew at last, pretty well; feels better in every respect.

2d. Rested without coughing, last night; feels a little of the pain this morning, when she coughs; has taken her breakfast, bread and tea; skin open; no headache; pulse rather more excited. Cap. Cr. tart. and Magnes. ââ . ζ ss. at noon. Tongue, a little bilious still.

3d. Scarcely any fever all day; rested well last night; took a dose of Magnesia and Cr. tartar at twelve; had a passage before she took it; no relish for food, but she eats; expectorates freely; still a little pain of side. Directed a blister, if she chose, at any time.

4th. Still better. Rep. Pulv. i. pro pot. com.; drink sangaree.

5th. Scarcely any cough last night; some headache; had two passages yesterday; some slight fever; pulse but little quickened; skin soft and moist; ate some fruit. Pneumonia Notha Biliosa.

CASE. Rachel, a servant. Jan. 8th. She was taken with an ague, which was succeeded by fever, cough, sick stomach, and puking, headache, pain in the right side, and afterwards of, indeed, also the right breast.

Jan. 11th. I was called this morning, and gave, about 11 o'clock, Calomel, gr. vi., and at two P. jal. c. gr. xlv.

12th. Seven doses of $\frac{1}{2}$ gr. Ant. tart.

13th. She drank ℥ij. Aq. hordeat. i. ℥ss., Cr. tart. At night. Calomel, gr. iv.

14th. In the morning, ℥ss. Ol. ric. Fever low; said she was heart-sick.

Evening. Expectoration difficult. E. vesic. pectori. She had one to the side, the day or day after I saw her. All the remedies given her, have operated powerfully on the bowels.

15th. In the morning, fever low; in the evening, very high; vacant stare; skin hot; pulse more active; no passage; convulsions; afterwards pulse quite weak; cold hands; warm feet, from being in bed. Cal. gr. iv.; Emp. vesic. nuchæ.

16th. Lies in a state of stupor; pulse quick and weak; breathing not interrupted; calomel operated three times well; skin has been dry throughout.

Evening. The fever risen since the morning; the pulse fuller and stronger than ever before; cough has disappeared; no sleep; eyes open, with a vacant stare; had risen from bed, and gone out; not to be controlled; now lying in bed speechless from the coldness of the extremities, or at least the hands and arms. Directed this morning a sinapism to each arm, which were removed. There appears to be a translation of the disease of the lungs to the brain. The blister applied last night after the fit, has drawn well. Cap. statim Cal. gr. iv.

17th. Ol. ric. ℥ss. manè. Enema at twelve, which procured a passage.

Evening. Still delirious and vigilant; says, she is in prison; pulse has not quite as much activity as yesterday, and she is rather more intelligent; put out her tongue when desired; skin still dry. Directed an injection of ℥iiss. Epsom salts, and ℥i. water.

18th. Has not slept since the 15th; pulse small and weak; fever much slower than last night; will not, or cannot speak; eyes wide open, with a vacant stare; will swallow nothing; the purgative given last night operated well. Covered the head this morning with a blister, and directed it to be confined with a night-cap, and secured by a handkerchief.

Evening. She has been quiet since the application of the blister, till 5 o'clock this evening. They tried to give her dinner, and she started up, and I found her standing in the floor between two nurses, and she continued in this posture while I staid, breathing perfectly natural; pulse at the wrist weak; skin cold; eyes very red; she is extremely timid, no doubt from false vision; has the appearance of insanity; does not speak; probably has not felt the blister; no cough yet; directed the blister to remain on till the morning; no sleep yet; she will take nothing into her lips.

19th. She slept well. The blister has not yet been removed, but

there is a great discharge on the pillow; pulse has risen to a degree of fulness and firmness, which could not have been anticipated; she does not yet speak; skin warm; drank some barley-water in the night.

Evening. Has slept nearly all day; has spoken; appears to be in her senses; has answered questions pertinently; left her at 5 o'clock, with eyes half-closed; and so sound asleep that I could not awake her, although calling her in a loud voice; with easy breathing, her hands cold, though under the covering; pulse reduced very much in force; has taken barley-water four or five times, in the course of the day. The blister drew extremely well, and has discharged copiously.

20th. Hands cold; she is much reduced, but has not appeared so, till to-day. Upon the application of the blister, the features were pale; blister runs much; she talks now freely; says, she has been starved; great desire for strong drink, which, her mistress says, has been the case from the commencement of her sickness; we allow panada, now and then; she had her mistress waked up in the night for toddy, which she properly refused.

Evening. Says she has had a good many blisters about her head; insatiable appetite still; sitting up by the fireside; some alienation of mind yet; pulse fuller than in the morning.

21st. More fever than yesterday morning; rested well, except when her child cried; asked, if she was hanging; she said she would eat, after her blister was dressed.

Evening. Appetite lessened; more rational; almost restored to intellectual sanity, though there is some fever left about her.

25th. Have not seen her since the 21st. Suppose she is convalescent. Biliary Pleurisy. 1825.

CASE. Mr. —, Nov. 14th. Taken with a chill, at noon; at bedtime, came on again, succeeded by pain of head and side.

15th. This morning, I found him with high fever; pulse very full; face flushed; headache; pain in the right side; cough suppressed from fear of increasing the pain of side; V.S. xvi. ad xx. oz.; side much relieved; coughs with more freedom, and expectoration copious. Calomel, gr. x.; at 2 o'clock, p.m., Cal. had operated once slightly. Cap. P. jal. comp. ʒi.

16th. Slept from bedtime till 12 or 2 o'clock; still feels pain in right side, but can lie upon it occasionally; should have slept better last night, but for pain in the back; is more troublesome than the side; sweated much last night; pulse at nine this morning subsiding; probably rises night and morning; pulse still full; purge operated powerfully; his bowels still open; has had seven passages since day; coughs with more ease; had some twitching of tendons in the night.

Evening. At 7 o'clock, found the fever lower; complained of the side; had no passage since the morning; pulse not so full; skin disposed to moisture; headache all day. Calomel nocte. Empt. vesic.

17th. Slept well last night ; fever low all night, and perspiration free ; sitting up ; very little fever or pain this morning ; the blister was not applied, for which I blamed him, as he has had this pain more or less, for six months ; Cal. gr. x. last night, and purge this morning, were taken, and operated well. I desired him, if pain and fever returned, to repeat the Cal. and apply the blister.

19th. Saw him this morning casually ; he had applied the blister ; there were little remains of fever or cough. Directed the bowels to be kept open ; barley water. To-night, Calomel, gr. vij. He is perfectly convalescent, sitting up with his family. Pneumonia Biliosa, vel Catarrhus Biliosus. 1824.

CASE. Miss —, Nov. 22d. She was taken last night with an ague, and an ague again this morning. Saw her at 1 o'clock, P.M. ; complains of great pain and throbbing in the head, pain in the side, just under the right scapula and back ; cough ; face flushed ; pulse quick, and somewhat active ; eructation ; tongue covered with a light-coloured, bilious deposit ; skin dry, with great universal heat. Two cups of blood were taken, one cup covered with buff coat. At 2 o'clock, took Calomel, gr. v. She found no relief from the bleeding, though she was bled, till the face lost its colour. She slept pretty well last night, and has slept this morning ; she can only lie easy on the affected side ; no sick stomach ; when she coughs or sneezes, the pain is increased.

Evening. Great nausea from calomel ; pulse not very distinct in left wrist ; skin hot — hands and feet particularly ; she can neither cough nor gape, without increase of pain ; stomach flatulent. A teaspoonful of Epsom salts, at 7 o'clock ; the pain so great, that she could not rise in bed to take them. Directed a mustard poultice to the side, if the pain continued, to be kept on till it drew well ; to re-apply it occasionally.

23d. Had some good naps in the night ; medicine had operated. Now, 11 o'clock, head begins to ache with throbbing ; side more painful ; she coughed with much pain to-day. R. Ant. tart. gr. i. ; Kali vit. ʒij. ; Aq. ʒxii. Cap. a wine-glassful every two hours. Tongue covered with a whitish-yellow crust ; pulse considerably more active than last night ; cheeks free from flushing. The mustard poultice was not applied last night. She is subject to pleurisy, and has several times mistaken the disease, in the incipient state, for colic, and treated it accordingly ; she insisted yesterday, that it was like colic pain ; and from the eructation, a practitioner not on his guard, and not minutely examining the symptoms, might have been deceived.

Evening. At half-past six, she thought she had a *chill* ; found the pulse weak and reduced in quickness ; she said her nose was cold, and hands and feet cooler ; her hands were somewhat moist, and she said she had been several times in a moist state ; she had a short cough ; she had been better before I visited her ; she still complains of her head and side ; and very great nausea, which has been sup-

ported by three doses of the solution of tartar emetic : each dose has produced a bilious, alvine discharge ; she has never had any thirst ; she should feel easier, she said, if she could vomit. Mustard poultice to side : solution omitted.

24th. Slept last night. When the fever came on, removed the poultice ; early this morning better, and had a slight moisture. Chill at half-past nine ; directed the poultice to be re-applied ; solution operated in the night, and again this morning ; cough troublesome ; no expectoration.

Evening. She has been better to-day than since she was sick ; she coughed this evening, and expectorated a little, which she did very early this morning ; her side has been easier to-day, but she still complains of her head and back ; she has been able to move with more ease ; pulse alters in the course of a few minutes, sometimes more active, then more depressed ; breathing generally pretty easy. The solution of vitriolated kali and tartar emetic has been directed to-day ; it produced excessive depression yesterday ; her stomach has just recovered from that state ; no passage to-day. Cap. Calomel, gr. iij. She has drunk lemonade to-day.

26th. Fever higher last night, than it has been ; slept badly ; great throbbing in the head and pain in the back ; does not complain so much of pain in the side, but feels a soreness ; it has been easier for two days ; this soreness she has occasionally felt for a long time, whilst going about her usual occupations ; her cough still dry ; skin hot ; pulse somewhat excited ; tongue still covered with a thin crust, and dry ; has eaten nothing since her confinement. Could the increased fever have been owing to the suspension of medicine on yesterday ? Was it in consequence of the revulsion, induced by the omission of tartar emetic ? Had a passage before the salts were taken this morning, and two since ; now 10 o'clock ; cheeks rather pale. Directed a blister to be applied at 10 o'clock to the seat of the soreness. She had a slight degree of nausea from the calomel, early in the morning. The blister was applied at 11 o'clock, to obviate the return of the chilly fit, to subdue, if possible, weak local inflammation preceded by long latent obstruction, which threatened future organic mischief, and to promote the secretion of the skin and lungs.

Evening. She has had no chill ; pulse firm, distinct ; and alike in both wrists, which I have never felt before ; but quick in the stroke, probably from the action of the blister and fever ; has not slept, contrary to her expectations ; has, for the first time, felt an appetite, and could have eaten bread ; no perspiration, and no expectoration ; she does not complain of her pains. The blister will not be removed till 11 o'clock.

26th. Her medicine operated during the day yesterday, and once this morning, notwithstanding the fever was very high last night ; her feet burned and ached, and the joints of the toes pained her ; her appetite was pressing for food, and she ate a piece of bread after I left her last night. The fever has remitted this morn-

ing, and she has been in a slight moisture. Her thirst was extreme last night; she drank water-gruel and lemonade. Directed lemonade for her to-day. She lies with perfect ease now, on the left side; it is well she can, as the blister on the right is unusually sore.

Evening. Fever has again been high. Calomel, gr. iij. h. s. She complained of great heat last night, and was compelled to diminish the quantity of bed-clothes; it continues, and also the thirst. I allowed her to drink as much water as she wished, or anything else, which she chose, under the present state of excitement, being in no danger of salivation; she wished last night that she could have immersed her feet in cold water. Since the night of 24th, there has been a very considerable development of excitement.

27th. She rested badly the first part of the night, but slept the latter part, and perspired freely; head still uneasy or confused; and she has more pain of side; shifted a little from the former seat; cough troublesome; medicine has operated very well; pulse soft and very frequent. Directed, if the pain was increased, to apply the blister; the former blistered surface is now dry; drink lemonade.

Evening. The pulse, this evening, indicates but a moderate degree of fever, though she complains now of a little pain in the opposite side, and in her breast; her cough is somewhat more frequent, though her thirst has diminished; this is the evening for the chill.

28th. Cough very troublesome last night, and is, this morning, very dry; pain very great through the right hip; a blister was applied this morning, before I saw her, from the hip upwards; pulse natural; she supposes, she had little or no fever during the night; there was no thirst; head still disordered.

About 1 o'clock, the pain in the side became insupportable; she could not cough; drinking the smallest quantity of liquid increased it; flatus; all the other flying pains are centred, by the action of the blister in the side; pulse a little more active; she has just got warm, after being cold for some hours; the chill of irritation, though it was not the morning for it. Directed a glyster of fennel-seed, flax-seed, and castor oil. She says, she is all over in a perspiration; probably from the warm application to the feet.

Evening. Pulse small, compressible, quick; cough frequent, dry, and distressing; she could not, however, cough at all, two hours ago; tongue very dry, stiff, and varnished. After the blister is dressed, Calomel, gr. iij.; if pain is increased, another injection; and if stomach is uneasy, a sinapism to the pit of the stomach. She lies altogether now, upon her back. The glyster must have, in some measure, composed the stomach, as she drank lemonade with freedom, at 7 o'clock, and without inconvenience.

29th. Broken sleep last night, but better, in every respect, this morning; tongue clean, and more moist; wishes to eat something,

directed bread and milk and water tea; skin soft; pulse soft, and but a little quicker than natural; head does not ache, nor is it confused, but feels weak; calomel has operated; took the salts at 8 o'clock; now ten, and not operated; the passages yesterday, were very dark; blister drew well.

Evening. Cough, though dry, does not seem to incommode her. Much better. She has rather gained general strength, than lost it by the purging. She expressed her astonishment at the quantity of bile, passed by the operation of only two tea-spoonfuls of salts; the quality I did not learn; suppose it much vitiated. The pain which she experienced yesterday, was probably occasioned by the morbid secretion of this fluid: the liver has been greatly implicated, in this attack. She has entered on the ninth day, this evening. Yesterday the symptoms presented a tempest, to-day a calm.

30th. At half-past nine, either great remission, or absence of fever; no complaint.

Evening. She has been without pain or fever all day; she would have sat up, but for the blistered surface. Directed a spare diet. Bilious Pleurisy. 1826.

CASE. Kitty, a mulatto. 15th. Has had an ague on the 13th, 14th, and to-day in the morning. This evening, at 5 o'clock, found her with great pain in the right side, increased by making a full inspiration; headache; very slight cough, but feels a "stuffing" about the throat; the pain was about the iliac region; pulse extremely quick, with some fulness; she was sweating copiously all over. Venesection. Said she felt better while the blood was flowing. On the 13th, she took a dose of salts; on the 14th, a dose of calomel, which made her very sick, and operated slightly. Directed a mustard poultice — Mustard, $\bar{3}i.$, Flour, $\bar{3}i.$, to the side.

Half-past 8 o'clock, P.M. The sinapism had no effect; pulse not quite so quick; headache still; perspiration gone; lies still on the left side; has not been able to lie on the right. Applied a blister, and gave Calomel, gr. vi.

16th. Slept but little; complains much of the blister; fever low; ague not yet appeared; perhaps it should come on later to-day; pulse much reduced, and calomel made her very sick at the stomach; operated once before the administration of the salts; have not heard her cough; but very little cough last night; skin not moist; salts have operated twice.

Evening. Medicine has operated well; no return of ague, and perhaps no rise of fever; free from headache, and pulse this evening very little exceeds the natural excitement, and she may be considered convalescent. Blister runs excessively.

17th. Fever all night: at twelve, this morning, rising; passage this morning; very little headache or cough; no pain of side; no ague.

Evening. Has had considerable headache, but it is diminished;

pulse vibratory ; skin hot and dry ; instead of coughing, she hawks, or has that sort of secretion, which I have seen in phthisical disease. Cap. Cal. gr. iij. h. s., and Salts, manè.

18th. Neglected to give the medicine ; headache and fever in the morning ; fever did not subside last night ; this evening head easy ; skin moist ; pulse active ; not so quick, but has somewhat of the vibratory feel still ; great weakness. Directed Calomel at bedtime, if headache. Bilious Pneumonia without Cough.

CASE. Mr. —, Feb. 12th. Has had a cough six or seven days, but inconsiderable ; two nights high fever and suppression of expectoration ; at ten, to-day, found him cold and shivering ; headache, and very slight pain in lower left hypogastrium ; bowels bound. Venesection, †i. : feet easier after it, but still headache, and could not fetch a long breath, for the side. Cap. Calomel, gr. vi. ; and at one, to take half a dose of salts ; in two hours, repeat, if necessary. 6 o'clock. Took two doses of salts ; just operating ; operated twice, with no relief as yet to the head, which aches violently ; other symptoms relieved ; pulse quick.

13th. The medicine has operated well ; he expectorates very frequently bloody mucus, and his cough has increased ; headache very slight ; pain in the left side and ribs still felt when he coughs deeply, and he complains of pain under the shoulder in the right side, which is increased by lying down ; right cheek flushed ; pulse quick. I bled to $\frac{3}{4}$ iv. or $\frac{3}{4}$ v. ; he was disposed to faint ; pulse was only altered in force ; it became then a somewhat frequent pulse.

Evening. Pulse improved much ; scarcely more frequent than natural ; after eating half an apple, felt the pain about the right scapula considerably increased ; he thought it the pain of colic, and sympathetic ; has drunk, too, lemonade, from which I directed him to desist ; still cough, but not bloody expectoration ; countenance less anxious ; he has perspired, for the first time ; the inflammatory symptoms are thoroughly subdued.

14th. Slept all night ; he is now expectorating freely, without any admixture of blood ; sweating universally ; pulse like a thread, compared with its state the day before yesterday ; had three passages yesterday, and one this morning ; pain in the point of the scapula not entirely gone. He thinks his evacuations have been from the continuation of the operation of the medicine the day before yesterday.

Evening. He still complains slightly of the pain in the right side of the chest ; cough is better, and fever very slight ; directed some improvement in diet. Convalescent. Influenza growing Pneumonia. 1827.

CASE. A child, æt. five months. March 25th. Taken.

28th. Had taken three doses of ipecac. and some castor oil. Cap. noct., Cal. gr. iij., and Ol. ric. manè.

29th. R. Ant. tart. gr. i. ; Aq. font. ℥ijss. Solve. Cap. coch. parv. o. hor. dimid. donec vom. purg. vel perspirat. ; it puked and purged, no perspiration.

30th. Emp. vesic. pectori. Post circiter horas tria cap. coch. parv. o. 2 h. ; mist sequent donec alveus responderit. R. Magnes. ℥ij. ; Ol. menth. pip. gtt. ij. ; Sach. alb. ℥ijj. ; Ol. ric. ℥i. M.

31st. Took nearly all the electuary ; better all day, till this evening ; cough incessant. Enema ; then Calomel, gr. ij.

April 1st. Calomel operated, and brought away one greenish passage. Cap. Ol. ricini, ℥ij. ; this gave two more passages, with the aid of two spoonfuls of the electuary, all green. To-night, the cough is nothing compared to any night, since I have seen him ; sucking very heartily ; blister dried ; face not at all flushed this evening.

2d. The fever reached the crisis last night ; he sweated generally ; this morning, skin cool ; cough very loose ; hands moist ; had about breakfast-time, a green passage ; his cough does not disturb him much ; breathes easy ; sucks heartily ; cough commenced about 3 o'clock this afternoon, with fever ; it was very troublesome late in the evening ; at 7 o'clock, had a healthy passage, probably from some magnesia, and mint water given him in the morning.

3d. Rested well last night ; fever slight this morning ; rose in the evening ; took a tea-spoonful of magnesia, in the morning, which operated. Directed another at bedtime. Cough to-night still less troublesome.

4th. Magnesia operated in the night ; passage still green ; directed nothing this morning ; he is still better ; it is thought, that he has a chill every morning ; there is certainly an evening exacerbation.

Did not visit after the 5th, being then convalescent, and without fever. Catarrhal Peripneumony.

CASE. A coloured free boy, æt. 17. Jan. 14th. Was taken with fever, cough, and pain in the left breast last night. He had a quotidian ague for several days, and on the 13th, at night, took eight grains of calomel, and next morning, P. jal. c. ℥i., which operated very well, and he missed the ague ; he was yesterday pretty well. V.S. ℥ss. At eleven, immediately after the bleeding, gave him five grains of calomel, and at twelve, directed P. jal. c. ℥i., and if the pain increased, a sinapism.

20th. Rose from his bed to-day ; the sinapism was applied with effect ; great appetite to-day. Directed Ol. ric. or Salts to-morrow, if necessary ; cough better ; fever reduced, and pulse but little quickened. 1828.

CASE. A boy, Jan. 17th. Was taken with fever night before last. This morning had a convulsion, which lasted an hour. He was given a dose of ipecac., which nauseated him, but did not ope-

rate, till half an hour or an hour; but after taking it, had no more convulsions. They had immersed him in warm water, and he was still under the nausea, when I saw him, and he perspired very much. Saw him two hours afterwards, and found his fever lower. Cap. Cal. gr. v. et Ol. ric. manè.

18th. Found him with considerable fever, and pain in the short ribs on the left side; medicine had operated twice. Saw him again at 2 o'clock, and tried to bleed him, but failed. Gave him $\frac{1}{8}$ gr. Ant. tart. at 2, 3, and 4 o'clock; at 5, it puked him, and he had several evacuations; pain in side gone. At 6 o'clock, though his face was flushed, he slept soundly; cough gone, and pulse less active; extremely torpid this morning, with commotion of carotids. Directed $\frac{1}{8}$ gr. at 8 o'clock, and if it puked, a half-dose at ten, and so every two hours; but if asleep, not to wake him.

19th. Rested well last night, and there was no occasion for the solution; he puked frequently; pulse much less frequent still; pain returned; applied for one hour a sinapism; relieved. Mrs. ——— thinks the fever was about to rise, from the return of pain. Rep. solution at eleven. Does not expectorate, or rather the mucus is not so loose and moveable; for he does not spit, being four or five years old.

Evening. Has felt some pain in breast. Directed a dose of calomel at bedtime. There has been a rise of fever, but slighter, unless the antimony should have kept it down.

20th. Called in the night to him, for pain in the back; did not go; saw him this morning. No pain; pulse quick, but not full or hard; calomel operated in the night. Directed a dose of oil.

Evening. Medicine has operated well; *has no pain*; pulse full, but not so frequent; face flushed; breathing easy; no more antimonial solution; has not perspired to-day; left him to the powers of nature to-night.

21st. Passed a good night; coughed occasionally; pulse this morning quick and flirting, not hard; coughs dry for a few times, then loose; face much flushed; no pulse; tongue foul nearer the root; getting clean nearer the extremity.

Evening. Pulse fuller; no flirt; coughs more. Cal. gr. v. rep. h. s.

22d. Rested unusually well last night. On the 20th he had great difficulty of breathing, cough and heaving at the chest; on that day he took the Ant. tart. Directed Castor oil immediately.

23d. More pain in breast and side this morning; sinapisms relieved them.

Evening. Pulse unusually active. The pains this morning were the incipient symptoms of exacerbation of fever. Cap. Cal. gr. vi. h. s.

24th. Fever very low; pulse like a thread, compared with it last night. Ol. ric. rep.

Evening. A little exacerbation, I suspect at noon, or later; has eaten chicken-soup and oyster-soup for dinner, and a dry toast to-night. He took Castor oil this morning.

25th. Coughed all night, from eating supper of buttered toast, and the improper food taken at dinner; left him at breakfast upon dry bread and tea.

Evening. Appetite and cough increased, and fever almost gone. Directed calomel if fever should rise, and cough be more troublesome; at any rate, a dose of oil in the morning, or to-night. There has been no evacuation to-day.

26th. Convalescent, though cough continues, which has been habitual since his infancy. Biliary Pneumonia. 1828.

CASE. Laxly, a servant. March 16th. Laxly, a female servant, was taken last night with pain in the right side, above the false ribs. I saw her at eleven this morning; she could not make a full inspiration, without great increase of pain; she has a slight cough, which she has had for some time; pulse natural; bowels sufficiently open; appetite not decreased. I had a loose poultice of mustard applied.

2 P.M. Pain continues unabated, and she has scarcely felt the action of the mustard. I took from the arm ten or twelve ounces of blood. At 6 o'clock, she could inspire with more ease. I directed Calomel, gr. viij., to be taken at early bedtime, and a dose of Castor oil in the morning. She could not lie on the left side without increasing the pain, which continued fixed; she took some food at 2 o'clock, as she felt hungry; the weather last night became very cold, and has continued so to-day, with high wind. The blood taken was in appearance healthy.

17th. Pain much easier; can fetch a longer breath; pulse somewhat excited. Calomel has operated; has taken the oil.

Evening. The oil has operated well, and she is free from pain; can cough or breathe without the least inconvenience. She sweated much last night, so there probably was a rise of fever. She now is warm, and her pulse is quicker than yesterday. What is this? Can this pain of side proceed from simple congestion, induced by cold? Here the venesection and purge effected the free transmission of blood through the liver, and equalized the circulation generally? Shall it be called hepatic colic?

18th. Perspiration; some pain of side; no appetite; pulse somewhat quickened.

Evening. Slight chill this morning; pain in the ribs, just under the right mamma; pain in the back. Emp. vesic. doloris. ad part. app. Cal. gr. iv., and Ol. ric. manê. Assumed remittent character.

20th. Fever all this day; gone off this evening, with perspiration; better all day yesterday; blister on the side drew well; pain now shifted to the head; cough inconsiderable; medicine operated well yesterday. Cap. Cal. gr. iv. h. s., and Ol. ric. manê.

26th. Recovered. Took no other medicine. 1828.

CASE. Miss —, æt. 10. Feb. 5th. Was taken night before last with slight fever, and pain in the stomach; had had a cough for some days. Saw her at 11 o'clock, yesterday morning; pulse quick, and somewhat full; face flushed; incessant subsultus; skin hot and dry; pain still in stomach; headache great. Ordered a glyster, and Cal. gr. iv.; glyster operated, and calomel puked her largely twice; brought up a large quantity of dark green bile; one or two slight passages. In the evening, fever very high; somewhat delirious. Took a Seidlitz powder twice, and brought them up. At 8 o'clock, a large dose was given; she retained it; operated powerfully; rested the forepart of the night; cough loose, but will not spit.

This morning, eyelid of right eye puffed, and somewhat inflamed; pulse still very quick, but with less force; cough incessant, but loose; pain still in scrobiculus cordis; had a slight passage this morning; no subsultus; slightly delirious; head easy. V.S.; pulse less active; there is a remission of fever, this morning; tongue covered with yellowish film; craved cider; gave her some extremely diluted; only took a mouthful; some bitter herbs were applied by one of the family to the stomach sweated. She has been subject to intermittent fever. The state of the system yesterday appeared to arise from a disordered state of the chylopoietic viscera, indicated by the subsultus, and to-day, by erysipelatous blush upon the eyelid.

Noon. Face has been flushed; alternately the left and right cheek; slight alienation of mind; pulse still quick, simply; has had three very fetid passages. At 1 o'clock, applied a blister to the sternum, and a small part of it to the epigastrium: at half-past one, gave Vin. ant. tart. gtt. xv.; left her at two; the cough then incessant, but appeared to be loose; no flushing of the cheeks, since she took the tartar emetic; drinks lemonade; gave the wine of antimony in Infus. sem. lini; no subsultus. Directed the repetition of the antimony every hour, unless it puked or purged; erysipelas vanished, before she took the antimony.

Evening. She has taken five doses of the antimonial wine; she had two ineffectual passages of a few drops, and a very copious liquid one at 7 o'clock; skin almost of natural temperature; pulse very quick; she sleeps much, and when asleep, she seldom coughs; cough still loose, and there is a little wheezing sound about the bronchiæ. She removed the blister from her breast, being suddenly aroused by the ringing of the bell for supper; it had only inflamed the skin; we re-applied it; omitted the tartar emetic; she does not complain of her head, except when asked if it aches; lies altogether on her back. Thirst much diminished.

6th. Had three or four liquid passages during the night; awoke about every hour; the fever began to rise about 12 o'clock; it is high this morning; pulse full and quick, and face flushed on both sides; complains, when she coughs, of the pain of the blister; she coughs very much; it is still loose; had a large watery passage at

half-past eight; it was of a good, yellow aspect, tinged with hepatic bile, and with no smell. Intellect for first time, correct.

Noon. Has had two other evacuations, of bilious character, and gelatinous; complains of sick stomach; cough more dry and frequent; face less flushed; pulse very quick, and I should think, rather more tense; head perfectly correct; she now breathes through the nose, and with mouth shut; yesterday contrary; can take nothing sweet for her cough; syrups cause her stomach to revolt.

Evening. From twelve to three, or half-after, great excitement; perhaps exacerbation twice in twelve hours; last night at twelve, and from twelve to-day, the cheeks were flushed; breathing rather hurried; cough incessant and dry; after sunset, the fever moderated; the cough less; much less, and loose, and she was disposed to sleep; the reduction of the cough, was attributed to the sucking of an orange; at seven, though the face was flushed, the pulse was by no means so active; she made efforts to evacuate the contents of the bowels this morning, with no passage; head correct. Cap. Calomel, gr. v. h. s.

Feb. 7th. Slept well; first nap from ten to twelve; has had two passages this morning; first watery; the last, a highly-coloured, bilious, feculent one, though small; at half-past nine, took a Seidlitz powder. The cough is this morning quite loose, with great excretion of mucus; but she swallows it; puked much mucus; early sleep, after sucking orange; calomel must have induced sleep.

Noon. Rise of fever, with flushed cheeks, and cold feet; at half-past one, crimson of the cheeks faded considerably; sleeps, and of course, coughs less; when I felt the pulse at twelve, remarkably frequent; she begged to drink porter; medicine made her very sick; by twelve, operated four times; light-coloured, bilious, watery. She lies constantly on her back, with her knees raised; sometimes they require support.

Evening. The cough is loose, but she appears to be in pain, when she coughs; her feet have not been warm all day. She sleeps still; only aroused by her cough, but she moans; pulse, perhaps, not so quick; skin still dry; she has had some very small passages this evening, though a few drops; the medicine this morning operated sufficiently.

8th. On account of the violence of the cough, a blister was applied in the night, to the neck. Chill this morning, at half-past eight; fever, instead of rising at twelve last night, rose at eight or nine, and subsided this morning; cough still troublesome, but quite loose. A blister again to the breast, and give her Decoct. senegæ, ℥ij. o. 2 h. R. Senegæ, ℥ss.; Sem. lini, q. s.; Aq. ℥i. Coque.

She had a passage this morning at 8 o'clock, tolerably full, with a few fæces, floating on the top.

Evening. The chill lasted but a little while this morning; the left cheek became inflamed, and continued so, for three hours; that

faded, and then the right became so; she slept well occasionally; but would sometimes lie awake for an hour, without coughing. Two bilious passages, one this morning, and the other this evening; pulse not so quick to-day; feet somewhat cold; blister drew well on the breast; probably induced sleep, as this was the watchful day in course; coughs loose, and very seldom; both cheeks flushed; has sweetened oranges; but has no relish for them; has been a little sick at the stomach occasionally. Repeat Decoct. senegæ, ℥ij., during the night, when not asleep.

9th. Slept well all night; only took two doses of the decoction, and ate a little milk and rice at 1 o'clock; fever this morning moderate; pulse slower, by many strokes in the minute; one little spot of red on the left cheek. Go on with the decoction every two hours.

Evening. Had but little rise of fever, though she coughs very much; has taken the seneka regularly; only one slight passage to-day; begins to crave food a little; wished to eat cocoa-nut; skin cool, though she requires fanning; feet and legs quite cool, and forehead and hands; breathing natural; pulse not active; face a little flushed; mucus quite loose, when she coughs; but has never spat.

10th. From the hour that I saw her in the evening, she rested badly till 3 o'clock; she slept from that time till eight this morning; without fever all night; although she suffered much from the strangury from blisters, which had supervened; she was given only a tea-spoonful of Sp. n. æth.; and a tea-spoonful of asparagus roots. This morning, at half-past nine, I saw her; her face somewhat flushed; pulse not above the standard of health; some little remains of strangury. Joined Sp. n. æth., ℥ss., with her seneka; and directed a glyster of Ol. ricin. in Infus. lin. sem.; no free passage for two days; no appetite.

Evening. Her cough has been considerable to-day: she would have a short cough, bring up the mucus immediately, with only an effort, and swallow it; has complained of a little pain in the belly; the injection has not been administered. The blisters were dressed at half-past three or four; and it was intended, after the dressing, to have administered it, but she fell asleep, and continued in this state, till I saw her after 5 o'clock; for the first time, I found a moisture on the skin; the hands were quite moist; the blistered surface on the breast gives great pain; fever still low, or absent, nearly; has taken six tea-spoonfuls of rice. She seems now, to have to contend only with debility, and the blisters. Would not the application of sinapisms have been equally effectual?

11th. Rested well, after 12 o'clock; the infusion operated slightly last night; and the oil which remained in the bowels, gave her two good passages this morning; pulse this morning, natural. She slept very well last night; omitted the seneka this morning; the cough being quite loose, and seldom disturbing her; disposed to sleep.

Evening. Since the omission of the seneka, her appetite has returned; she has this afternoon, taken some ash-cake with milk; pulse somewhat quickened.

12th. No appetite this morning, and pain in left side, above the false ribs; came on suddenly; tongue foul. Gave Epsom salts, $\mathfrak{z}\text{ij. } \text{i.}$ Aq. menth., and directed a sinapism and glyster, if necessary.

Evening. Shortly after taking the salts this morning, she had a few natural passages, and late this morning, one produced by the medicine; she has cough, more to day than ever; she feels the pain in the right side when she coughs or cries; is it muscular? she has eaten this evening, some milk and bread; pulse still feverish; her cough is somewhat quieted, and her rest will probably not be much disturbed by it.

13th. Coughed much last night; fever still this morning; flushing of the right cheek; ate bread and milk for breakfast.

Evening. Had a full passage this morning; cough and fever, very much moderated; has eaten a poached egg, and drank lemonade. Convalescent.

15th. Sitting up, and at play. Peripneumony preceded by Catarrh. 1828.

CASE. Jack, a very old, coloured man. Jan. 20th. Was taken with an ague yesterday, succeeded by fever, and pain in the side; this morning, however, feels better; no pain, and coughs without bringing it on; pulse a little quickened and soft, and had a passage this morning.

Evening. Called this evening; found him sweating generally, but complaining of considerable pain across the lower part of the sternum, and could not fetch a long breath without pain; pulse still soft, and not much accelerated, but more than in the morning.

V.S. $\mathfrak{f}\text{ss.}$

21st. Has borne the venesection well, and has felt no pain since; rested well.

Evening. Still no pain; cough considerable; pulse a little quicker, from first having eaten a little meat, improperly; may be considered as convalescent. 1829.

CASE. William, a servant. Dec. 20th. Had a long chilly fit last night, hovering over the fire; succeeded by fever, cough, pain in the head, sick stomach. He took Calomel, grs. viii., which was puked up; a pill, with six grains of calomel, was given. This morning, a dose of cremor tartar, and jalap, and then a dose of salts; both of them rejected. Saw him this evening, for the first time; state of great suffering, from thirst, nausea, pain of head and breast; pulse full and quick; puked a cup of green bile, this morning. Had him put into the kitchen out of his room, and sat him in a chair for the benefit of the light; complained of extreme sickness; took 6 ounces of very dark blood from the arm; fainted and

sweated profusely ; left him perfectly relieved from sick stomach, and all his pain.

Dec. 21st. Pulse reduced ; cough tight ; slept a little ; medicine operated in the night ; tongue loaded with white scurf ; barley-water acidulated, for drink ; I am informed that he is intemperate ; seldom sober ; he had a cough, a week before. Peripneumonia was evolved.

Evening. Rise of fever ; attempted to sit up to-day, but was too weak ; has drunk barley-water ; head, breast, and stomach less distressed than yesterday ; cough more moderate. Calomel, grs. v. h. s., and Pulvis jalapæ compositus, grs. xxv. manê.

22d. Considerable heat of skin this morning, and fulness of pulse, although the calomel operated five times before 11 o'clock last night, and the powder has operated once this morning ; pain in the breast, till he drank some warm tea. His fever probably corresponds with the fever day before yesterday ; or he has access to strong drink.

Evening. Medicine has operated through the day, and cough increased, and pain in breast, with anxious countenance. Blister plaster to breast.

23d. Blister drew ; anxious to have it looked at, at 4 o'clock ; colewort leaves were applied before it was cut ; his only want is cold water ; pulse quick ; less full ; he got up several times to the fire, and once had a fit, or perhaps fainting ; skin dry ; wishes to sleep, but cannot ; let him have cold water to drink.

Evening. Pulse soft, full, and not very frequent ; two passages to-day ; breast easy and head also ; cough continues. Calomel, grs. iij., h. s. Pulvis jalapæ compositus, manê.

24th. Evening. Medicine has operated well, and brought away a great deal of bile ; cough continues, but not distressing ; has some pain in breast ; looks emaciated ; features lost their fulness ; pulse quick ; skin warm ; thirst considerable ; advised cold water. Calomel operated twice or thrice before the jalap was taken.

25th. Slept much better ; no pain of breast ; cough pretty easy ; better in every respect.

Evening. A little headache, and pain in breast ; has eaten some raw oysters, and two crackers. Calomel, grs. iij. h. s. Pulvis jalapæ compositus, grs. xlv. manê.

26th. Rested well last night, and coughed much this morning ; no pain in breast or head this evening ; medicine operated five times ; voice weak ; much reduced ; requested cold water, which was allowed.

27th. Convalescent ; cough much less ; no fever ; skin soft ; extremely weak ; voice almost inaudible ; tea and bread for breakfast ; raw oysters for dinner. Pneumonia Biliosa. 1829.

CASE. Mrs. —, April 21st. Taken with a severe chill at night.

22d. Headache ; indisposition to sleep. She took a very small dose of salts ; there was a very slight cough, and she spat with

ease; no difficulty of breathing; pain shifting about the lower part of the chest; not affected by a full inspiration.

Evening. Fever declined, and head less painful. Cal. gr. vi. h. s.

23d. This morning she took a small dose of salts, which operated very slightly; repeated it at twelve, in a larger dose.

Evening. In the evening, saw her. Found the fever rising; medicine had operated well; pulse has been always thready; complains of pain in the lower end of the ribs, on the right side, and it is felt when she coughs; she spits loosely; head still pained; the tongue has been to-day loaded with bilious sordes, and she has this evening some nausea. She has been much vexed with ague and fever this winter; and had remains of catarrh when taken; she thought, at first, the pain was colic. Her countenance is perfectly bombycinous. The ague might be considered irritative, from disordered chylopoietic organs. She was taken with a sneezing in church, on the 19th, which continued on the 20th and 21st; and on the night of the 21st, the ague came on.

24th. No chill last night; rested pretty well till 12 o'clock. The pain was not fixed, and in the part that she complained of last night; but it flies about the lower part of the thorax, and sometimes shoots up to the right axilla; very sick stomach, and the head is occasionally pained; coughs seldom, and expectorates immediately; thirst; enjoys cold water; tongue not so loaded; pulse still small; less quick, and still weak; medicine operated in the night, but not freely; face of better colour, and reduced more; no comatose symptoms to-day, as the day after the ague; expectoration, which had been tinged with a little blood, is now well-concocted mucus.

Evening. Headache; pulse not increased in activity; still a little sick stomach; spits easily. Cap. Cal. gr. iv. h. s.

25th. Had an ague at 3 o'clock this morning; medicine has operated; fever low; pulse not accelerated; headache almost gone; expectoration — dark mucus, and easy; pain of side much more violent, and fixed. Took only a cup of blood, she being faint and pale, at half-past eight; at nine, sent a blister, to be applied to the side.

3 o'clock. The blister has been felt only half an hour, but with no abatement of pain; spits freely; pulse in right wrist scarcely perceptible; left, discovers rise of fever, from increased quickness, or rather, frequency; no dyspnœa; headache come on, and face discovers more colour and fulness. Medicine has operated three times since the venesection; the blood taken, thickly buffed; soreness all over the body.

Evening. Pulse in right wrist quite perceptible, and sufficiently active; pain shifted to left side; blister drawn; less nausea to-day; medicine operated well; cough, for the first time, dry, but not troublesome.

26th. Cough very troublesome; fever rising at four; complains of general chilly feelings; bowels open.

Evening. Cough incessant; no pain; expectorates occasionally,

pretty loosely ; pulse more active than heretofore ; drinks barley-water, and eats sago, though no appetite.

27th. Coughed up some blood last night ; coughs much this morning, and expectorates pretty freely ; bowels still open ; head easy ; mouth sore ; tongue still loaded with bilious scurf ; fever considerable ; pain again in right side ; blister dried.

Evening. Cough continues pertinaciously ; expectoration considerable ; has passed some blood from the bowels, without pain ; fever increased ; skin hot ; tongue still yellow. Cap. Cal. gr. iij. ; and if pain in thorax is severe, apply E. vesic.

28th. The cough still vexes her ; the fever lower ; pain in the spot where the plaster was applied at first. Directed the same, to the same part. She took three tea-spoonfuls of salts this morning ; no operation either from the calomel or salts ; repeat salts at noon.

2 o'clock. Took two tea-spoonfuls of salts at noon ; have only operated twice ; bilious passages ; begins to feel the plaster ; coughs seldomer, but expectoration checked ; pain extends round the spine, and she complains much of it ; countenance anxious ; says she feels wretched ; the barley-water oppresses her stomach ; she eructated after taking a little ; skin not so hot ; pulse not so quick ; breathing unimpeded, as it has always been ; has passed no more blood from the bowels ; wishes ice, to cool her parched mouth ; complains very little of the head ; slept better last night, than she has before ; no doubt from the calomel. Skin has been dry, during the whole course of this fever.

Evening. Her medicine has operated well this evening ; face flushed ; skin much less hot, than it was yesterday ; pulse temperate, rather weak ; breathing not affected, but still in pain ; felt some disposition to sweat, which she much desires. I recommended her to keep on the blistering plaster, till the morning, if it did not draw sufficiently.

29th. She slept better last night, and for the first time, *perspired*. Better in every respect, this morning ; medicine continues to operate ; the blister remained all night, and drew a little.

Evening. Still feels pain ; pulse weak, and rather quick ; no appetite yet ; cough less troublesome ; perhaps less deaf ; deafness has attended her through the fever.

30th. Countenance more cheerful, and looks better ; pulse extremely weak ; tongue loaded with bilious crust ; cleaning about the edges ; blister runs ; medicine still operated last night ; slept not so well ; cough and pain are not gone.

Evening. Slept much to-day, and feels considerably better ; pulse still weaker, and with very little quickness ; countenance still more improved ; drank lemonade for the first time.

May 1st. Cough and pain still ; tongue still exhibits the bilious crust ; but fever scarcely perceptible from the state of the pulse, which is weak ; go on with the lemonade ; and if pain continues, re-apply the blister to the same part.

2d. Evening. Return of appetite ; ate for dinner, a squab. She takes a little salts to-night, and repeats it in the morning, if necessary ; pulse weak.

3d. The salts were not taken ; a little pain in the side this evening, and cough. Bilious Pleurisy commencing with Catarrh.

CASE. Betty, a servant. Dec. 28th. Taken on the 24th ; ague on the 26th ; cough since, with pain in left side ; expectorates freely, but pain increased by cough and headache ; irritation last night about stomach ; brought up a worm ; broke out last night and this morning universally, face, arms, &c., with an elevated eruption, with great itching, particularly about the back ; more papular rather than urticaria, but probably somewhat of that character. V.S. $\mathfrak{f}\text{ss}$. ; Cal. gr. viij. statim et circiter merid. Ol. ricini, $\mathfrak{z}\text{i}$.

29th. Urticaria still out ; almost blinds her ; side easier, or has no pain there now, but feels great pain in head and bottom of belly ; sick stomach and puking all night ; rejected the castor oil yesterday ; pulse not so full, but frequent. Tongue I could not examine well, the patient being in a *dark loft*. Cap. P. jal. c. $\mathfrak{z}\text{ss}$. statim and rep. in two hours, if necessary.

30th. Expectoration difficult ; pain of left side great ; eruption still fresh ; no puking to-day. Emp. vesic. statim. Cal. gr. v. P. jal. c. $\mathfrak{z}\text{ss}$. manè.

31st. Better in every respect, but the pain in hypogastrio ; eruption gone ; medicine had not operated. Repeat P. jalap. c.

Evening. Pain in the lumbar region ; medicine has operated.

June 1st. Better in every respect. 1830. Bilious Pneumonia.

CASE. A boy, aged about seven. December. Catarrh epidemic ; many cases becoming pleuritic, with diarrhœa ; sick stomach ; cough with copious expectoration ; pains in shoulder ; some headache.

4th. This boy complained of headache ; great soreness under the upper part of sternum ; cough, with face suffused ; hurried respiration with wheezing.

5th. Circulation rapid ; flushing of the face ; croup ; $\mathfrak{z}\text{ij}$. of blood taken from the arm whilst he was standing up ; the lancet was dull, and he was much alarmed ; became sick, and threw up a worm from the stomach. Calomel, gr. vi., in the morning, salts in the evening. At night, Calomel, gr. iij.

6th. Complains of the side ; could not lie on it.

Evening. Upon examination, the pain was discovered to be below the false ribs. Calomel operated all day, and it was found unnecessary to give a purge. Directed a large, mild sinapism.

7th. Better ; rested pretty well, but is extremely weak ; calomel still operating.

Evening. Side quite easy ; some return of appetite, but a rise of fever at 12 o'clock.

8th. Return of lateral pain last night, which shifted to right breast; has passed four worms this morning.

Evening. Rise of fever again at noon; pain in region of spleen, when pressed, increased; lies on his back, and sleeps much, but with no difficulty of breathing; coughs boldly and freely; pulse small and quick; skin very dry and warm; lies uncovered; three passages to-day; since noon, three more worms. Cal. gr. iij. h. s.

9th. Rested pretty well, but complained of great pain in right breast; two passages in the night. Castor oil this morning.

Evening. Passed two worms again; pain increased in short ribs of left side; fever moderate; pulse small and rather feeble; little thirst. Emp. vesic. to side. Does not complain of his right breast.

10th. Blister drew, without any inflammation around the edges, but the pain of side not relieved; pulse more excited this morning than so early before. Saw him at 11 o'clock. No thirst and no appetite; tongue rather moist; no headache; only covered with a sheet, though the weather has changed since day before yesterday, from summer to winter; coughs rather more; thought there was too much fire in the room, and when air was admitted by opening a door, complained of its being too cold; countenance anxious; breathes rather quick, but not difficult, laborious, or wheezing; had a passage, of good aspect, this morning.

Evening. Had three passages to-day; pulse less excited; breathing and sleep pretty easy; no pain of side. Eighth day of the fever.

11th. Slept all night, with scarcely any interruption from the cough. This morning, pulse like a thread, and somewhat quick; is sitting up with his clothes on; lost the anguish of countenance; three passages this morning, one with a worm, and the last with blood; no perspiration: like a little neighbour's fever, mentioned below, will probably go off without perspiration.

Evening. Return of appetite; bread and tea for breakfast, and at 12 o'clock; and a small bit of wild duck for dinner; his cough has been much increased; usual exacerbation at noon. Pulse somewhat increased in volume; three more passages; no perspiration.

12th. Coughed incessantly last night; and at eleven this morning, continues with little pain or fever; skin cool, and perspiring, so far as concerns the superior parts of the body; has eaten nothing this morning; bowels open. His cough must be sympathetic; from the discharge of worms, probably connected with the state of the stomach, liver, and intestines.

Evening. Fever has risen, and pain in side increased; cough not so incessant, and more moist than in the morning; breathing easy; has had a passage since dinner; face more flushed than usual; the left cheek especially; nose very red; has never spat, but in children we generally find it so; pulse has more firmness, but not very

quick; skin this evening dry; chamber has been kept too warm; groans in his sleep; head not affected; has drunk and eat but little to-day, only two spoonfuls of rice, half a cup of tea, and a piece of orange. Directed Calomel, gr. iij. h. s., and a blister to the part previously blistered, if the fever should be lower and the cough troublesome in the course of the night. Ninth day.

13th. Rested badly, but coughed less. This morning the breathing is more hurried, though the expectoration is copious; the blister was now applied till 6 o'clock this morning; he just begins to feel it now, at ten; face less flushed; thought to have had a chill the night before last, and last night at 10 o'clock; no passage yet, from calomel. Directed a tea-spoonful of salts, every two hours, till purged.

Evening. He took two tea-spoonfuls of salts at one dose, instead of two. They have operated pretty well; his thirst has been excessive; breathing still rather laboured; but he lies on either side; still complains, though, of his side; stomach has been distended by too much drink; his appetite has returned; pulse reduced in fulness, but still quick; face and nose not suffused; sleeps very much; cough very loose, and not so frequent; skin dry; head clear; no more worms passed.

14th. Cough was less troublesome last night; he pulled out two worms from his throat in the night; no passage during the night; left cheek and chin tipped with red (circumscribed spots).

Evening. Spots on the face disappeared; less cough; pulse quick, and skin rapidly dry; no passage to-day (calomel, taken at night, has, in this case, as in many others, suspended the action of the bowels during the night; probably by altering or correcting the secretions of the liver); appetite returned. (Worms make their escape, probably from the altered secretions of the liver.)

15th. No pain in the side; slept well; had a passage this morning, and eats his breakfast of corn-bread. At eleven, fever rising; cough increased; pulse very quick; face flushed, when he coughs; but spots again, though less visible; skin very dry; complains of great heat; is compelled to fan himself; too near the fire, and cannot alter the position of his bed.

Evening. Breathing laborious; quick and wheezing, as if the lungs were loaded; pain in the breast; face has been very much flushed; pulse quick; restless; hot; obliged to be fanned; three passages since the morning — I could not enquire of what character. There has been some perspiration about the head and neck. Emp. vesic. to the breast. Cough loose; and mucus appears to rise copiously when coughing; notwithstanding, he is pained.

16th. Lungs not oppressed, and face less flushed, and intervals between the fits of coughing longer. Some perspiration was discovered in the night. The blister was applied very late, perhaps at 12 o'clock, as she feared that the irritation might make him fret; it drew well.

Evening. Cough less troublesome; appetite gone; pulse more

full and active; still pain in the breast and side; can lie flat, and head not raised; four passages since the morning, small and yellow; face not so much flushed; sleeps well every night; and in the day, between the fits of coughing; less fever generally between 9 and 10 o'clock in the morning.

17th. Slept well; puked a worm in the night; face nearly free from flushing; cough incessant; three passages in the night; drank a little milk and water; could not eat.

Evening. Appetite fastidious; has eaten nothing; no headache, nor pain of side or breast, which latter is sore from the blister; two passages this afternoon; skin dry and inflexible; lies uncovered, though wind N.E., and cold, removed to the extreme end of the room far from the fire; pulse not so full as last night; breathing freely; cough not perhaps quite so distressing; face flushed.

18th. Slept well, and coughed but little; this morning, at 12 o'clock, left him coughing; he had coughed, without spitting for two hours; he wanted to have a passage, when I left the room; had one in the night; fever scarcely perceptible; brings up, every now and then, large mouthfuls of thin mucus; no appetite yet.

Evening. Cough has moderated, and he has a return of appetite; has eaten roasted apples, and stewed peaches, &c.; no rise of fever to-day. Convalescent. Fifteenth day.

The disease is evidently cured by expectoration; there has been no general perspiration. I told the family that the cough might be stopt, but it was an improper step: they acquiesced, and it was left to nature, and nothing has been done for several days.

19th. Rested badly for the first time, for many nights; more fever to-day, and less appetite; cough extremely troublesome; skin hot, and more flushing of face this evening; groaning in sleep; pain of stomach; bowels continue loose.

20th. Evening. Cough very bad last night; pain in the stomach, of which he complained last night, is much increased; pressure gives him torture; seems to extend to the right hypochondrium, rather lower indeed, when I applied my hand; cough extremely loose; appetite very good. Emp. vesic. The inflammation has attacked the peritoneal cavity; fever hot; has had several yellow passages to-day. Is the liver the seat of the present metastasis?

21st. Pain was relieved much by the blister; cough diminished; sweated, and slept pretty well; better this morning, and eat his breakfast; very little excitement of pulse, but skin dry and hot; temperature of room too high from too much fire; still feels some pain in hypochondrio.

22d. Extremely fretful; and has an appetite, which it is found difficult to control.

23d. The pain in the side has been more relieved by purging than bleeding. This stitch in the side, is generally in the region of the spleen. Sometimes the pain would be in the hypogastrium:

then purging afforded relief; a great quantity of bile was passed; calomel and oil used, and at last, oil alone. On the seventh day, in the case of a child, (who had been well bled, and purged with calomel, and next morning oil, previously,) a dose of oil was taken; not having taken calomel over-night, had four passages, as black as soot, with worms; whose passages previously had become more yellow. His face, before these black passages, had undergone very little change, but he now looked like a sick child. There had been a great determination of blood to the head, for four days, when he was delirious; the other parts of the body not otherwise than natural; the bleeding, not having the effect of equalizing the circulation. On the 9th December, he was without fever, but complained of choking, supposed to be from worms; in the evening no choking. Epidemic Catarrh. Pleurisy with Worms. 1829.

CASE. Dick, a servant. March 28th. Chill at noon, succeeded by fever; pain in the head and side, comprehending all the ribs; spitting bloody mucus. Venesection, $\bar{\text{v}}\text{xii}$. Calomel, gr. xi., at 6 o'clock.

29th. Calomel operated twice, copiously. \mathcal{R} . Olei ricini, $\bar{\text{v}}\text{j}$.; Aquæ menthæ piperitæ, $\bar{\text{v}}\text{ss}$.; capt. statim.

Evening. Well evacuated; head and side easier; but cannot take in a sufficiency of air, to fill the lungs, without pain; pulse risen; skin hot. Pediluvium.

30th. One passage in the night; still bloody sputa; sweated twice in the night; breaking into general sweat this morning; head easy; pain in side still. Emplastrum vesicatorium, to side.

Evening. Pulse temperate; skin very little increased in temperature; mucus very little tinged with blood; blister drawing well; to be renewed at bedtime, if it shall have made the necessary impression; and then to take Calomel, gr. vi. Drinks flaxseed tea; has eaten a little syrup of peaches.

31st. Did not rest so well; had probably late rise of fever; cough was not frequent; less bloody; breathes perfectly easy, but pain is not gone; calomel did not operate; a table-spoonful of oil to be repeated, if there is need.

Evening. No perspiration this evening; skin hot; expectoration bloody, yellow, and tenacious; slight wheezing; pulse more excited; lies on his back; says the pain in his side not so severe; medicine operated well, and was not repeated; cabin flooded, from excessively heavy rain; removed to another room.

April 1st. No perspiration last night; coughed less; sputa yellowish, and urine very high-coloured; instead of pain in the thorax, now complains of soreness; skin hot and dry; extremely weak; is obliged to be assisted to rise; directed, for his drink to-day, lemonade.

Evening. No passage to-day; master said, he complained of soreness above the epigastrium; had a blister applied to the part; pulse soft, and rather full, not quick. Capt. Cal. gr. vi. h. s., and Ol. ricini, manê.

2d. Rested well, and coughed less; medicine has operated once fully; blister did not draw; suffered to remain; was sleeping profoundly, when I saw him.

Evening. Has slept much better; breathing not laborious; only one more very small evacuation; has lain on his back, supported generally; cannot lie on either side; the blister has drawn well on the sternum; the pulse this evening, was good at 6 o'clock; suddenly sunk, and became senseless, but breathing pretty easy; has been rather comatose. Blister was applied to the back of the neck; sinapisms to the feet; and wine-whey directed. I observed the water to trickle from the eye; warm all over the body; I suspect, the expectoration had declined.

3d. Remained the same this morning; could not speak; he would not suffer the blister to remain between the shoulders.

Evening. Although the blister was removed last night, it drew a few vesicles; has eaten an orange, and part of an apple, and drank liverwort tea, of his own accord. Spoke this morning, and desired a glyster; had a good passage; sweated afterwards; aspect pretty well; pulse full, soft, and slow; put some blisters on the legs; not drawn.

4th. Has not any fever this morning; sputa, for the first time, colourless; passed a worm yesterday, after the injection. There were but small vesicles drawn; continues the liverwort tea, of his own accord; speaks and talks like a person freed from an oppression of sickness. R. Olei ricini, $\bar{3}$ i.; Aquæ menthæ, $\bar{3}$ i. M.; divide into two doses; one immediately, the other in two hours, if there be need.

Evening. First dose operated freely, twice; pulse reduced to sixty; better, in every respect; has had hiccup; spits freely; pain in side gone; respiration not disturbed. I have had, this winter, two cases attended with hiccup; both old ones; both recovered.

5th. Rested pretty well; no return of hiccup; better, in every respect.

Evening. As he has had no passage to-day, and his master thought there was some rise of fever, he gave him the other dose of the oily mixture; it had not operated at 6 o'clock; pulse full, soft, slow, and better, in every respect.

6th. Slight uneasiness in left side; coughs better, and spits freely; pulse slow still. Oleum ricini, $\bar{3}$ ss.; no passage from oil, yesterday.

Evening. Operated fully, twice. Convalescent.

His master thinks that he has derived advantage from the liverwort tea. He says, that when he himself took it, it proved aperient. Pleuritis. 1830.

CASE. Mrs. —, Feb. 27th. Has been confined with fever, for

three days. She complains of pain in the side, slight cough, but can expire freely, without increasing the pain; pulse quick. She had missed her chills, which she had some time since, which were subdued by taking horehound-tea, with ginger; and for ten days had been well. She expects a chill to-night, as she had, usually, I suppose, had it every other day; but from the present state of fever, it will not probably come on; she applied a mustard poultice this morning, but it produced little or no irritation, though the pain is nearly removed. She feels a slight soreness, which is felt more, when she moves to the right side; she had taken yesterday, or the day before, a dose of salts. Cap. Cal. gr. vi. h. s.; manè cras. ℥ij. Sal. A.

28th. Calomel did not operate; salts have only operated slightly; directed more; chill to-day, at 10 o'clock; sitting up; little pain in breast, and slight pain in side; pulse quick; not so active, as yesterday; coughs a little, and expectorates; delirious talk; countenance clear, and quite free from sallow or bilious tint, which is unusual with her; she looks too pale.

March 1st. Pulse discovers no fever; had little cough last night; soreness in upper part of the sternum; pain still in right side.

Evening; pulse more sensible, but can scarcely be called febrile; no thirst; breathing perfectly easy and natural; has had a pain in the top of the head; it is now on the side of the face; those pains seem sympathetic. Calomel, gr. iij., and manè, Epsom salts, ℥ij.

2d. Calomel operated well; there was a slight rise of fever last night, and no sleep. The fever subsided with a little perspiration in the morning, and at 8 o'clock, there came on a chill; at ten, complained of head; pulse more active than yesterday; desire for acids; headache, pain darting through it; took a little salts, but fever has suspended their operation; this seems to be the same fever as heretofore; no regular type.

Evening. Delirium, as the day before yesterday.

3d. Face a little reddened, and fever not off, as the morning before yesterday morning; expectorates; sputa a little reddened. V.S. Pain in side still; she felt relief from the V.S. immediately, and took Epsom salts, ℥ij.

Evening. Salts have operated; expectorates more freely; blood exhibited a loose, gelatinous appearance, without serum; fever has risen a little; pain in side slightly felt when she breathes. Directed a blister to be applied to the pained part at 7 o'clock; it may probably arrest the chill to-morrow morning.

4th. The blister drew well; she slept; no ague this morning, and the rise of fever not perceptible at 10 o'clock; return of appetite; cough continues, but did not disturb her last night.

5th. Saw her at 6 o'clock, this evening. She had been much better. 1830. Pleuritis with Remittent Fever protracted.

CASE. Joseph, a servant. Jan. 10th. Joseph, a man of intemperate habits, was seized last evening with a chill, succeeded by fever, intense headache, and pain in the breast, with cough; ex-

cessive thirst during the night. This morning, at 9 o'clock, the symptoms had somewhat subsided, in consequence of unusual perspiration; no nausea; but still pain in the back, when he coughs; he expectorates. He has had a cough for some days, I am informed, for which he had taken a dose of Cremor tartar and Salts. This is pneumonia grafted on catarrh, probably. Took from the arm, four ounces of blood; feeling some faintness. Calomel, ℞ss. immediately, and at noon Castor oil.

Evening. Head and breast relieved, but the pulse discovers some fulness, and skin is hot; calomel operated three times, and the oil still operates. There has been, probably, a rise of fever, since noon. He was afraid of the medicine operating too much; but the pulse denoted nothing like it.

11th. Rested pretty well, and feels some appetite this morning; found him sitting up by the fire; pulse natural; reduced; head and breast easy; medicine continues to operate.

Evening. No rise of fever; medicine ceased operating at noon. Convalescent. Pneumonia following Catarrh. 1830.

CASE. Mrs. —, Oct. 16th. Ague last night, and fever succeeded; pulse feeble; skin hot and dry; face flushed, nose red; constant disposition to sleep; mind clear; headache; sick stomach; pain in left side, just under the breast; breathes easy; cough dry; bowels not costive; puked this morning. Tried to bleed her, but failed; veins very small; and she could not sit up from weakness, perhaps occasioned by nausea.

17th. Pain in the side, and the drowsiness, gone; pulse but little excited; medicine operated late; after two passages, she puked up green bile, with a deposit like powdered charcoal; no nausea; face spotted red all over. Cap. Cal. grs. v. h. s., et ʒij. Sal. A. manê.

19th. Headache and pain in the back yesterday morning, till medicine operated. Bowels still open, and passages dark; cough continues; no pain; slight chill every day; appetite returned.

20th. This morning, she had an ague, and of course, with pain in the right breast. Cough increased; nose very red. At 2 o'clock, when I saw her, the pain was very little felt; pulse more active than before; no headache; bowels costive. Cal. grs. v. h. s., and Epsom salts, manê.

22d. A blister was applied to the seat of the pain, the night on which she took the calomel. The fever is moderate, and pain felt somewhat when she coughs. The cough is by no means so troublesome as it was, before she was taken with this remittent. The medicine taken the night before last and yesterday, operated very little. Appetite, not much; ate a little mush and milk this morning. Pulse considerably reduced, since the night before last; and loss of flesh more sensible, Cal. gr. iij. h. s., and Epsom salts, manê.

24th. Convalescent. Gums touched slightly with the mercury 1830. Bilious Pleurisy.

CASE. Mrs. —, Dec. 18th. Has had an intermittent of tertian description for some months; coming on occasionally during the Fall, from the slightest exposure. She had a bilious fever in the summer. After having the common prevailing epidemic, catarrh, for some time, she was taken with a tertian ague, got better of it, and on the 12th of December, was taken with a fresh cough, the tertian continuing. Since 15th, has had an ague every day about noon; (probably a double tertian;) pain in side also on 16th at night. Took, at bedtime, Cal. grs. iij., and next morning a dose of Salts, which operated moderately. To-day, at 11 o'clock, A.M., venesection; though pulse was very little excited, rather weak, and not much quickened; but she complained of pain in the left side, about the false ribs and back, when she coughed; more chilly than usual; and could not make a full respiration without feeling it; appetite has been good to-day. Has spit blood several times in the last few days; this morning whilst with her, a little bloody mucus was discharged from the bronchiæ. Blood taken very dark; felt relieved from the bleeding immediately.

Evening. Has experienced to-day no ague; but there has been an exacerbation of fever; pain in the left shoulder and down the arm; pain in side still felt. Cap. h. s. Cal gr. iij.

19th. Ague postponed till 10 o'clock in the night; sweated early, and at twelve to-day, fever scarcely perceptible; feels a load of mucus, under the lower part of the sternum; a little pain still, in side and shoulder; shifted through to the heart, in the night; great desire for tonics, particularly porter.

Evening. Better; no pain; very little fever; no ague.

20th. Ague, at 9 o'clock last night; but slept well, from which she supposes the fever was slight. This evening, pain is seated just under the arm. Emplastrum vesicatorium to the side.

21st. Chill came on as usual, at 9 o'clock; after which, the blister was applied to the side. It has relieved the pain, except in a small spot. Cough easy, and expectorates pretty freely; fever off; the pain in the shoulder entirely gone; sleeping all the morning; very drowsy; countenance not so bombycinous.

Evening. Has coughed more to-day than usual; this evening, expectorates well, after considerable coughing; directed Calomel, grs. iij., if the expectoration flags after the chill.

22d. Took the calomel, and had an ague late in the night after taking it; has taken a few tea-spoonfuls of salts without effect. More fever, and more cough to-day, but no pain. Directed a little salts to-day, if necessary.

23d. Took salts last night. No ague to-day, till 1 o'clock.

24th. No ague since yesterday; nor pain of side; coughs still; in better spirits.

25th. No chill; cough less; pain gone; no ague; convalescent.
1829. Pleurisy or Catarrh and Intermittent Fever.

CASE. Bob, a servant. May 25th. Cough; pain in breast and

sides; tongue clean; pulse rather full, and frequent; unwell some days. V.S. \bar{z} xii.; Calomel, gr. viii. h. s., Sal. manê.

26th. Cough continues, with sense of load under the sternum; pulse still full; medicine operated well.

27th. Resumed, this morning, his usual occupation. 1830. Pleurisy.

CASE. Louisa, a servant. Dec. 28th. Incessant cough; puffy face; pain in right side, when she coughs; cannot take a full inspiration; pain in head; cough has existed some days; pain in side came on last night; no ague preceding it. V.S. ad \bar{z} x. After tying up the arm, felt faint, and we were obliged to hoist up the window, and to give cold water. She is probably intemperate; costive; pulse was not full or strong, or very quick, before venesection; did not examine it afterwards; hoarseness.

Evening. Pulse but little disturbed; head and side easier; roaring and deafness in right ear, which come on this morning, but without pain. Cal. gr. iij. h. s., and Sal. manê.

29th. Slept much better; no pain in side; fever rose last night; sweated this morning generally; and fever nearly off; hoarseness still. *Calomel operated before day.*

Evening. Has a little pain in the side when she coughs; and soreness in the breast; fever slight. E. vesic.

30th. Better, in every respect; rested better last night; hoarseness nearly gone; very little fever; skin moist; no passage since yesterday morning; swelling of the face subsided, indeed, gone. Directed her to take an aperient, if costive, to-morrow; has eaten nothing; no appetite; has drank barley-water, which has mitigated the cough. 1831.

CASE. Moses, a servant. Dec. 26th. Had a fall two days since, and injured his shoulder, but went about. Last evening, I found him in bed, and he said he had a pain in his breast. Pulse somewhat excited. I called him several times, without his answering; thought he might be stupid, from Christmas frolics; he had a chill. This morning he has a cough, with pain under the sternum, and laboured breathing; skin warm, pulse rather full, not tense; took from twelve to sixteen ounces of blood, of scarlet hue, and he said his pain was easier.

Evening. Pulse much fuller, and stronger; cough less; pain still in breast. Cal. gr. viij. h. s., and Jal. and Cr. tart. $\bar{a}\bar{a}$. \bar{z} i. manê.

27th. Pulse reduced. Calomel operated, and powder has been taken; symptoms relieved.

Evening. Pain has shifted to the right side; no rise of fever; medicine operated well. Emp. vesic. part. dolent.

28th. Pulse scarcely febrile; much reduced; shortness of breath continues with the cough; blister drew; no sleep last night.

29th. General moisture. Convalescent. 1831.

CASE. Anderson, a servant. Dec. 27th. Ague yesterday at twelve, and the day before, early in the morning; has a cough, and pain in the side; sweating, and pulse natural; bowels too loose. This being the ague morning, I neither bled, nor used any other means, except recommending a pepper poultice to side.

Evening. Skin moist; poultice was applied, but pain still; cough rather dry; on rising in bed to be bled, cold sweat came on, but bled him to $\bar{\text{v}}\text{vij}$. or $\bar{\text{v}}\text{x}$. Felt easier after a gill had been taken from the vein; tongue moist and clean; bowels still open. Cal. gr. v. h. s.

30th. Cal. operated twice; side relieved since the V.S. Ol. ric. and Aq. menth. $\bar{\text{a}}\bar{\text{a}}$. $\bar{\text{v}}\text{ss}$. statim.

31st. Medicine operated well; found him sitting up, without pain, and very little cough. Convalescent.

March 6th, 1832. Catarrh several days; laid by yesterday from fever; pain in breast, and cough; tremors prevented the use of the lancet; tongue moist and natural; skin moist.

Evening. Pulse very full, strong, and quick; pain in breast increased. V.S. $\bar{\text{f}}\bar{\text{i}}$., Cal. gr. vi. h. s., and Sal. vel Ol. ric. manè; nervous still; has drank nothing but water, he says.

7th. No fever this morning; rested well; salts operated, and he then took castor oil. Convalescent. 1832.

CASE. Mr. —, Sept. 2d. Pain of breast; cough and pain in back; confusion of head. V.S.

Evening. Thought he had much fever; pulse nearly natural; face flushed; hands moist, and rather cold; sitting up. Cal. gr. viij. h. s., and Salts, manè.

3d. Had no passage from calomel; took oil; feels sick; sitting at the tavern door; flushed face; no fever; pulse round, and slow as natural. Convalescent. Goes to the mountains directly.

CASE. His servant, a coloured man. 2d. His servant, taken yesterday at noon with ague; fever low this morning. Ipecac. $\bar{\text{v}}\bar{\text{i}}$.; Ant. et Pot. tart. gr. l.; worked well, up and down, and brought away much bile.

Evening. Skin is increased in heat, and pulse in quickness and fulness; but slightly so. Cal. gr. ix. h. s., and Epsom salts, manè.

3d. No fever; pulse fuller. Epsom salts, $\bar{\text{v}}\text{ss}$. Calomel operated in the night.

Evening. Fever; medicine operated well.

4th. Slight quickness of pulse; walking in the yard; missed ague. Quick recovery. Commencing Pleurisy. 1833.

CASE. Moses, a servant. Jan. 13th. Chill on the 12th, succeeded by fever, cough, pain in side. Pulse this evening, not quicker than natural, rather full; perspiration; tongue naturally moist;

has had headache ; cough this evening dry ; has been moist. V.S. ad \bar{v} i. ; Cal. gr. v. h. s.

14th. Side easier ; fever scarcely perceptible ; blood perfectly red ; no serum, no size ; felt as if the calomel would operate. If it did not, directed him to take salts or oil ; a small dose of either.

15th. Pain shifted to breast ; side easy ; no fever ; sinapism to breast ; calomel alone operated "elegantly."

17th. Slight pain in breast. Convalescent. 1835.

CASE. Betsy, a servant. May 9th. Cough for three days ; last night ague ; pains in pit of stomach and sides, shifting occasionally ; pains increased by coughing, and fetching a long breath. Costive. V.S. ; Cal. gr. v. statim ; Ol. ric., \bar{v} ss. merid.

10th. Slept well ; medicine operated well ; pain seated in all the left pleura and side ; pain increased by coughing ; fever lower ; tongue moist and white.

Evening. No passage to-day ; headache this morning ; now easy ; pulse nearly natural, with some fulness ; side relieved by the application of a sinapism ; cough dry. Directed the re-application of poultice, if pain renders it necessary. Calomel, gr. iv. ; at late bedtime, and Ol. ric. manè.

11th. Rested better ; cough better ; begins to spit ; pain relieved ; medicine operated ; very little fever ; sitting up, dressed.

12th. Convalescent. 1836.

CASE. A coloured baby. April 9th. Taken on the fifth. Night before last, Cal. gr. iij. Yesterday morning, Ol. ric., Molasses, $\bar{a}\bar{a}$. \bar{v} ss. Cap. \bar{v} ij. o. 2 hor. donec purg. ; rested much better. Last night did not rest so well ; cries when it coughs. R. Vin. ipecac. \bar{v} ss. ; Liq. pot. gtt. xv. ; Aq. \bar{v} i. Cap. \bar{v} i. o. 3 h. If not better to-night, apply a blister along the sternum. Passages, after taking yesterday, during the day, the molasses and oil, became yellow, from being of the deepest green.

10th. Blister was applied, but did not draw. Go on with the mixture of Liq. pot. and Vin. ip. This was used several days, till the child recovered. 1834.

CHAPTER III.

INFLAMMATION OF THE BRONCHIA.

CASE. Mr. —'s child, five months old. May 11th. Was taken with a cough.

13th. Took a dose of castor oil.

14th. Two or three doses of Ipecac. without exciting puking.

15th. Vin. ant. gtt. v. every two hours; nausea alone excited; bowels moved much; passages green; cough excessive.

17th. Emp. vesic. pectori.

18th. Calomel, gr. iv., which operated; stools all greenish, and curdled.

Evening. Excessive paroxysms of coughing. Ipecac. gr. i.; Magnesia, one tea-spoonful; Paregoric, gtt. xii. Every six or eight hours.

19th. Paroxysm in the evening, as usual. The warm bath has been used every evening, since the fourteenth. The paregoric was given occasionally during to-day and night, to the amount of thirty drops, but the coughing continued all night; some of the paroxysms lasted one hour; one paroxysm an hour and a half. Glysters have been used occasionally.

20th. Calomel, gr. iv., this morning, at 8 o'clock. After three hours, directed the following:—R. Senegæ, Sem. lini, Succ. glycyrrhizæ, ãã. ʒiiss.; Aq. ʒiv. Coque. Cap. coch. parv. omni horâ. Dr. Smith supposed, that the calomel would alter the irritating and morbid secretions of the trachea. He visited him in the night, in one of the violent paroxysms of the coughing, and supposed that there was a lodgment of mucus, of an irritating nature, in the upper part of the wind-pipe, and left him in that state, without directing any remedy, and said the child would get easy, when it was expelled from the effects of coughing. This happened, but the coughing ensued, and continued all night. At 2 o'clock, in the morning, Mr. — gave him Paregoric, gtt. x.

This morning the cough was not so teasing as in the night, but it would come on now and then for a moment, and appeared to be loose. It has always suckled heartily. The breast would, except in the severe evening paroxysms, generally quiet the cough. After getting out of the bath in the evening, it was kept wrapped in blankets during the whole night, which induced a most copious perspiration. On the 18th, at night, Dr. Smith supposed it would not survive the morning. It, however, rested pretty well, comparatively, and on the 19th, yesterday, it was so much better, that nothing was ordered; and it was concluded by us, that it would be better to palliate it through the disease. We used the warm bath in the evenings, because it was supposed, from the immense

quantities of gas evolved by flatus and nictus, above and below, that the cough must be connected with intestinal irritation. Yesterday morning it had one natural, healthy-looking passage, and the next greenish. Before yesterday, the passages were very frequent, and always of morbid aspect. Two injections were given last night. The lungs never appeared to be oppressed with mucus; there was seldom hoarseness attending the cough; the respiration was quick, but not hurried or laborious; no wheezing or rattling. When the child was asleep, you could scarcely hear him breathe. It is probable that the vast number of passages, and the great distress and disorder of bowels, were, in a great measure, induced by the medicines, taken from the 13th to the 18th of the month.

The calomel operated at half-past twelve, immediately after taking the second dose of the seneka. He had a natural passage, of healthy complexion, this morning, before he took the calomel. That produced by the calomel, was green, mixed with undigested milk. There is much heat about the skin, though the palms of the hands are moist. The calomel operated twice afterwards, and brought away greenish passages. At fifteen minutes past four, the paroxysm of coughing and pain came on, and lasted upwards of an hour. Twelve drops of paregoric were given; and he was immersed for six minutes in the warm bath. The skin was cold, after he was taken from the bath, some time; the heat returned with the usual perspiration, and he ultimately got easy. The cough lost its urgency, but came on occasionally, and was more moist. He slept, and was given the breast every two hours. The accession was earlier this evening than usual, and not so severe. The paregoric was supposed at first, to remove the irritation about the larynx; but as soon as its narcotic power was felt, the cough subsided. Flannels wrung out of hot gin, were applied to the whole belly. It has the character of an intermittent. On the 18th, the surface was for some time cold, before the violent paroxysm of crying came on.

21st. He had another violent paroxysm in the night, much connected with intestinal irritation, from flatus, &c. He had two more passages from the calomel. They used the bath, and gave Tr. op. camph. gtt. x. This morning the cough is loose; skin of natural temperature; breathing easy; sucks incessantly; it seems to appease the cough. The decoction of seneka was directed to be used as yesterday morning, and in order to anticipate the evening paroxysm, twenty-five drops of paregoric were directed to be given at half-past 2 o'clock. At 2 o'clock, skin quite cool; respiration easy; pulse active; a little fit of coughing came on, but on taking the breast it subsided. The sound was like the commencement of a paroxysm, and the warm water was ordered; the nose, however, was warm, and nothing was done; it had a passage at one, or half-past one.

Evening. Twenty-two drops, instead of twenty-five, of paregoric, were given at half-past 2 o'clock. It was pretty quiet during the

evening; sucked heartily; the coughing fit did not come on; or it was very slight, and required no bath. I saw him at five, and remained with him till after six o'clock. The cough or ague came on occasionally as usual; he slept constantly, and breathed with ease. The cough was loose.

22d. The cough was incessant during the night. They gave him ten drops of paregoric; had two passages before breakfast; one healthy, the last green; he does not appear to have lost flesh; appetite good; sucks incessantly. He was in much pain from colic last night. The fits of coughing are brought on, or much aggravated by the flatulent distension. Cap. Calomel, gr. iij. statim. Took it.

8 o'clock. Directed the seneka to be repeated as usual every hour. The calomel was given, to change the secretions of the wind-pipe. The obstruction of the wind-pipe and the consequent suffocation, is induced by the viscidty and immobility of the phlegm, as in croup. Mr. — observed, that the mucus appeared to move upwards and downwards in coughing, and that he thought the child was in danger. Dr. Smith said, that when it did not adhere, there was no danger. The patient would either cough it up, or if young, would expel it from the wind-pipe, and swallow it. He agreed with me, that the principal indication was to preserve an open state of the bowels. I proposed giving an electuary of Castor oil, Magnesia, and Syrup, with Ol. menth, to be given in repeated doses; but for the above reason of the beneficial action of the calomel upon the wind-pipe, I yielded to the repetition of the calomel.

Half-past 2 P.M. The paroxysm came on while the child was in a profound sleep; it continued twenty minutes. The whole surface of the body was bedewed with a cold sweat. No opiate was given, nor was the bath used. Yesterday it commenced at fifteen minutes past four, and lasted thirty minutes; the day before, later, and lasted perhaps longer. The paroxysm declined, as soon as a very large evolution of wind took place from the stomach. During the morning, it was very quiet. It coughed a little at intervals, but the cough was loose; but as soon as the main paroxysm commenced, it was incessant, until the wind-pipe had secreted some mucus. The calomel did not operate until 2 o'clock; it operated twice in half an hour; he had another passage at six. We directed twenty drops of paregoric, if the cough should be very troublesome in the night. The skin was moist and cool all the morning.

23d. He passed another distressing night, he had a fit of coughing which lasted fifty minutes. He had frequent evacuations, which appeared to be produced by the act of coughing. He took sixteen drops of paregoric, at 10 o'clock. He, for the first time, appeared a little reduced in flesh this morning. He still coughs, but appears to suffer no pain; he does not breathe so freely. There is a little heat about the skin; the perspiration continued all night; indeed his skin is seldom dry. There is generally a

cold perspiration about 11 o'clock in the day, which continues through the paroxysm. We determined that this should be a day of rest from all medicine. The paroxysm came on at half-past one; he has had three passages to-day. Dr. Smith gave him ten drops of paregoric. I called to see him at 5 o'clock this evening, and found him playful; he was sitting in his mother's arm, was without fever, and playing with a doll; skin moist, and the cough slight, but pretty frequent. He may be considered convalescent.

24th. Cough, this morning, pretty constant; allowed more fresh air; was not so much incommoded last night by the cough. The secretions of the wind-pipe seem to be increased, and, of course, the inflammatory action diminished. Bowels open. The main paroxysm came on at 12 o'clock; it was short and mild. While I staid with him this evening, I discovered that the cough was loose, but pretty frequent. There is still some dejection about the countenance; skin moist and cool; no fever. He had, in the morning, the short and incessant cough. Dr. Smith proposed a dose of calomel; but I saw no indication for it, and wished to postpone it till to-morrow. Directed the room to be kept cool.

25th. Takes no medicine; convalescent; cheerful; has rode out twice to-day; skin warmer, though still moist; no fever; coughs occasionally. Convalescent. Catarrhal Intermittent. 1818.

CASE. Miss. —, December 9th; a poor girl, about eighteen years of age, extremely corpulent. Taken yesterday, with an ague, which lasted three or four hours. The fever was attended with pain in the side, and most excruciating headache, which deprived her of rest during the night. This evening the cough is less, and the pain in the side has left her; but her head is extremely painful, and her respiration is very much hurried; she had a passage last night; pulse very much accelerated, but not hard. Cal. gr. v. noctè. She appears to be somewhat moist; complains of sick stomach.

10th. The calomel operated twice this morning; she still complains of her head and stomach; cough somewhat troublesome; fever rising; left cheek flushed; no pain in the side; pulse very frequent; thirst great. Cap. statim Jalap, gr. xxv.

Evening. The jalap has puked and purged her, three times each; cough loose; headache not abated; pulse more full and active; skin hot and dry; respiration not so much hurried, as last night; nausea less; much stuffing in the nostrils.

11th. Pulse feebler this morning; slept badly last night; pain of head still the same; had no more evacuations. Emp. vesic. nuchæ.

12th. The blister drew well; slept well; sweated during the night; pain much relieved; pulse temperate.

13th. She has experienced but little pain in the head, since the drawing of the blister; but she still feels it slightly; she suffered from earache on the 12th, at night; there has been a considerable dis-

charge of fetid mucus from the nostrils; she has rested pretty well; she is at work, and looks well, and has no fever; the blister is healing. This case required the lancet, but feared Pneumonia Typhoides; have seen several cases on Col. —'s estate, or rather typhus fever, attended with cough and violent pain of head. Relieved by E. vesic.; Cort. serp. i. Cham., previously puking with Ipecac. and Ant. tart., and then a large dose of Jalap — gr. xxv. Catarrh is now prevalent: several of the family in which this girl lived, have it. Peripneumonia Catarrhalis Spuria. 1818.

CASE. Mr. —, March 25th. Has been affected for several days, with the prevailing catarrh; has not had a free alvine discharge, for some days. After riding out to-day, was seized with great difficulty of breathing; face flushed; eyes weeping; pulse not much quicker than natural, and not breathing freely; cough not very troublesome, but dry. Venesection. I could only take about six ounces of blood, before deliquium animi succeeded. The blood was very dark-coloured. He took, at 2 o'clock, a pill of two grains of Calomel, and one-quarter grain of Ant. tart.; it was rejected at 4 o'clock; neither dose relieved nausea. He was restless, and placed himself in various postures; he could breathe as well with his head low as elevated; he complained of great pain in the lower part of the thorax, on either side; it was rather a sense of oppression; the pulse not accelerated, it was soft; the hands cold; alternation of cold and heat; the pulmonic irritation and restlessness were excessive. At 6 o'clock, the calomel and tartar were repeated. This dose rested on the stomach, and, at length, puked him once; he threw up a little bile, with the other fluids in the stomach; the general irritation was relieved; the restlessness ceased; the heat was generally diffused; he fell asleep, and awoke much relieved. He could inspire pretty freely, but his expiration was attended with a noise, which it was disagreeable to hear. About 9 o'clock, I left him; the medicine had not given a passage; but he expectorated, for the first time, some viscid phlegm. He suffered more from nausea, than I ever saw a person; he said it was infinitely worse than the pain in the sides. He was relieved from it when I left him, and conversed cheerfully. I directed a pediluvium, and a glyster, if the bowels should be uneasy without a passage. He complains of a tightness about the chest, and says, "the intercostal muscles and bronchia felt tetanic." He is very anxious for the purgative operation of the medicine.

26th. Slept but little; skin hot; face flushed; expectorates viscid mucus; had a passage, but not from the salts; feels still as if they would operate. Directed a dose of Castor oil.

10 o'clock, P.M. The castor oil has operated well, and he feels much relieved; he seems to breathe easier; his pulse is free, and rather more active than natural, and quicker; he has just eaten some mush and molasses. Just when the medicine began to ope-

rate, he felt a return of spasms about the chest ; he does not now complain of pain.

27th. Expectoates very viscid phlegm yet ; pulse a little excited ; skin moist ; shortness of breathing and oppression much less ; cough not very troublesome ; sitting up, and feels an appetite ; is chewing tobacco. This attack has been very much like an asthmatic paroxysm ; more, at any rate, than the inflammation of catarrh extending to peripneumony. Recommended mush and molasses, and other light food, and abstinence ; sitting up, and may be considered convalescent.

30th. He is going about. Catarrh.

CASE. Mr. —, March 18th. A little cough.

19th. Took a long walk.

20th. Chill ; pain in right hypochondrium ; little cough.

21st. Chill ; pain in hypogastrium. Glauber salts, $\mathfrak{z}i$. ; Cr. tartar, $\mathfrak{z}i$.

22d. Pain shifted to sternum, just under the collar-bone ; chill earlier, 12 o'clock ; Cr. tart. solut. $\mathfrak{z}i$. Two or three evacuations, excessively offensive, which they have been always ; brown. Took a glyster, which promoted the operation of the Cremor tartar, and gave four good passages. Stomach sick in the night, and he puked.

23d. Took salts and cremor tartar ; puked him, before I saw him ; pulse much reduced since last night ; stomach weak ; tongue foul ; skin dry ; all pains gone ; very weak ; advised Cr. tart. drink. Has complained of dryness of the nostrils.

Evening. Has drank lemonade ; the cremor tartar was not used ; two good passages ; chill at 2 o'clock, p.m. At 5 o'clock, face flushed ; pulse more excited, and skin moist ; expectoration ; membrane of the nose begins to secrete. Pediluv. nocte, and warm lemonade for drink. He wished to try the cremor tartar drink again, but directed him not to go on with it, if it disagreed with the stomach. He is not sensible of those chilly sensations, when he rises in bed ; he was up from 10 o'clock till two ; tongue more moist ; but still covered with white sordes or furred.

24th. Sweated last night copiously. He proposed a blister between the shoulders, for the confusion of head ; immense flatulency during the night ; he puked, and brought up something bitter ; pulse a little quickened this morning, but stronger than yesterday morning ; looks languid ; says he feels no pain ; had two small evacuations in the night. To carry off the bile as it is formed—
R. Magnes., Cr. tart. $\mathfrak{a}\mathfrak{a}$., $\mathfrak{z}i$. ; Ol. menth. p. gtt. ij. M. et div. in ch. iij. Cap. i. 2dâ q. horâ donec alv. dejicerit.

Evening. No chill, as usual at between 12 and 2 o'clock ; the powders gave him two or three evacuations of thick, bilious mucus ; he has drunk lemonade, and Cr. tart. \mathfrak{i} . Tamarinds ; skin moist and cool ; countenance lost its languor ; eyes lively, and countenance sprightly ; stomach still weak ; urine not so high-coloured ; pulse

only a little quick; no desire for food. Directed lemonade for drink to-night, and an enema, if the bowels were uneasy.

25th. He rested badly; discharged a great deal of wind; he pointed to the right hypochondrium, as if it was the source of his sufferings. More fever this morning than yesterday; urine less high-coloured; tongue still foul, but not covered thick with sordes as before; coughs scarcely at all. Sal. amar. ℥iij. 2dâ quâque horâ in. Inf. Cham. and Zingib. donec alveus dejicerit.

Evening. He took three doses, the first operated in an hour and three-quarters; the passages were copious. The second operated in an hour and a half, and the third had operated four or five times, at 6 o'clock; all bilious, or bilious mucus. It carried off the uneasiness of the right hypochondrium; and he felt his intestines free from inflation; no accession of the fever; skin generally cool; said his face was flushed in the morning; the medicine operated without irritation or fatigue; the accession of the fever must have been postponed to a very late hour last night; tongue still foul; he then drank a little wine and water; used a little gruel by way of nourishment; has not taken any food for a week; his general drink has been lemonade and solution of cremor tartar; his cough is trifling; pulse weak, with very little quickness. He said, "he should have died, if he had not discharged this quantity of bile to-day."

26th. Slept four hours; coughed a little, and expectorated; fever came on at 8 o'clock; face this morning flushed; slight remains of fever; pulse with some tension; skin moist; some uneasiness again about the hypochondrium. Rep. Salts. Tongue still foul; the sweat in the night was copious, cold, and clammy.

Evening. Took two doses of salts, which operated six times; much black bile, red and various coloured fæces or fluids; still pain in the region of the liver; felt a little giddiness when up. Emp. vesic. region. hepatic. ponend. hor. 5. Has only taken a few teaspoonfuls of gruel, and an orange; drank balm tea, and a little wine. No cough of any consequence.

27th. A strangury came on at 11 o'clock, which put an end to sleep. He thinks he had not his usual fever; tongue covered with a whitish sordes, but it is moist; countenance languid; not red, as has been the case for two or three mornings, since the exacerbation or fresh paroxysm has been postponed. Directed, if the strangury should be intolerable, to send for the following — R. Tr. op. c. ℥ij.; Aq. ℥iiss.; Sacc. alb. ℥i. Ft. mist. cap. dimid et in hor. duob. alter. dimid. si opus sit.

Evening. Face flushed; tongue dry; pulse full; thirsty; the paregoric has somewhat relieved the strangury; he is compelled to discharge his water, every twenty minutes. He will take an enema of flaxseed tea and sweet oil to-night, and will, if obliged, repeat the opiate. Has drunk lemonade, milk and water tea, and once of wine and water. Has passed blood with his urine.

28th. Strangury very much abated; slept four or five hours,

two hours perhaps at a time ; sweated profusely ; took none of the anodyne mixture.

Evening. Has slept one hour to-day, for want of something to occupy his mind ; has shaved himself, which he accomplished in four minutes ; has eaten three cups of rice-chicken-soup ; drank wine and water lemonade in very small quantities (*vin-de-grace*) ; has had two passages by the bowels, and has discharged an immensity of flatus ; not the slightest return of pain in the right hypochondrium ; skin clear, moist, and of good temperature ; pulse a little active ; very little thirst ; tongue somewhat dry ; has eaten two small oranges ; he puts one in his mouth at one time, chews it, presses out the juice, and spits out the pulp ; cheerful. Directed nothing for him but warm lemonade to-night. He does not pass his water more than once in three hours, and then in a good stream, leaving only a little irritation. The blister runs a little ; it is dressed with colewort leaves and cream. There was a little alienation of mind observed by Mr. — ; it was probably owing to the effects of the opiate. To-day, his mind is perfectly clear and correct. When I was leaving his chamber, he asked me if I thought there was any danger (this morning), which I thought a strange inquiry, one which he had not made so directly before.

29th. He rested very badly last night ; the skin was covered with a cold, clammy sweat, and he was obliged to drink some wine and water. He has discharged a great deal of flatus. Had a small passage this morning ; the remains of the food yesterday ; passes water with ease ; it is of natural complexion ; pulse a little quick ; skin still moist, though the tongue is still dry, and furred as usual ; says, he feels a pain in the old place, hypochondrium ; he can inspire freely now, without the slightest stitch ; has drunk some coffee this morning for the first time : this is the ninth day of the fever, since I have attended him ; though, Mr. — says, the fifteenth, since he was taken ; the cough has left him ; he takes his snuff as usual, which he has done through the whole fever ; fearing a return of the hepatic pain. I directed Epsom salts, ζ iv., to four wine-glassfuls of chamomile and ginger tea ; one of which to be taken every two hours, till it operated well, then to stop. His mind is perplexed with the thought of his collecting business.

Evening. At 4 o'clock, his salts had all been taken, and had operated twice ; one passage was accompanied with a roll of natural fæces, the rest appeared bilious ; pulse but little quicker than natural ; skin warm ; face flushed ; he wished to know if a glyster would be proper. I told him, if he felt any uneasiness, or irritation of bowels, as if something ought to be discharged, he might take one ; said he had much borborygmus. Should the cold sweat come on to-night, to drink warm wine and water, or ginger tea.

30th. The medicine operated three times in the night ; he slept three hours at different naps ; had no return of cold sweats ; says his abdomen "approaches the back-bone ;" took a little coffee

and bread early this morning; somewhat feverish; face a little red; the passages last night were fetid; tongue moist, but still foul; not so generally as before. Directed for food, weak oyster soup; for drink, lemonade.

Evening. Has taken two or three cups of weak oyster soup to-day; skin moist; pulse soft, and not much excited; has not left his bed to-day, though he feels pretty well. Wind N.E. since 5 o'clock yesterday evening; to which point, it changed very suddenly from the south.

12 o'clock, at night. Coldness came on him; circulation, he said, was stopped; he had a little pain in the stomach; he put on a pair of warm stockings; took some chicken soup, drank some wine and water, and applied a bottle of warm water to his feet. When I got to him about half-past eleven, I found him quite warm, face flushed, and pulse sufficiently strong, with slight quickness; he had not slept at all. Directed lemonade, if the thirst should be considerable; and if the head became oppressive, to throw off some of the bed-clothes.

31st. He rested pretty well after I left him; the chill was brought on by sitting up too long last night, when he had his blister dressed, and then turning into cold sheets. However, when I was called to him, there was evidently a reaction. He had not as much fever after it, as I had predicted. The fever, this morning, is very moderate; the tongue is foul, and yet he feels hungry; his breakfast was preparing for him, when I left him at half-past seven; coffee, and bread. He wished to eat beforehand, peaches and bread, which I allowed, and oranges, if he chose; he feels no pain; he wishes to rise; but there being much frost this morning, I advised him to remain in bed, till it became milder in the course of the day. As he had two passages yesterday morning, and three the night before, I did not think it proper to repeat his purgative medicine; indeed, it would be risking too much at his age, and in his delicate state, to compel him to rise from his bed. He had a frequent hawking of mucus from the throat, this morning, perhaps from taking snuff; I observed the same last night. The secretions were easy; as if the secretions from the upper part of the wind-pipe and throat, were going on well. It is probable that the general chill in the night, was from the direct application of cold, and was not the return of one of the former paroxysms, still later postponed. He observed, that his pulse intermitted before I saw him at 12 o'clock last night, which was probably the cause of the alarm. It was very likely occasioned by the state of the stomach, influencing the action of the heart and arteries. His stomach is very weak, and his digestion slow. He frequently takes some powder of rhubarb on bread, and swallows it just before he takes his coffee in the morning. He is sometimes four or five days without a passage.

Evening. He has been in bed all day; has had two passages, pretty consistent and figured; flatus, as usual; face of natural

colour; skin of moderate temperature; pulse regular; but little quickened, and somewhat fuller, and stronger; tongue still foul. Directed a little preserves and bread, if he should feel weak in the night; and to drink warm lemonade, or if exhausted, wine and water. Says he feels well, and could walk about.

April 1st. He slept seven hours last night; has taken a spoonful of coffee this morning, and a little peach with some bread; the pulse but little quicker than natural; skin moist; tongue cleaner; think he shall rise to-day.

Evening. Much better, in every respect; has walked about his room; tongue much cleaner; pulse rather quickened; has felt more like himself; no confusion of head.

2d. Rested pretty well; had no passage yesterday or last night, but he passed a great deal of wind; skin moist; probably there was some fresh accession of fever last night. Had taken some coffee, though, early this morning before I saw him; pulse rather more excited; he intended to rise, and put on his loose dress, as yesterday; tongue still a little foul, and whitish. Directed no medicine; he said he should eat oranges, which, perhaps, in his weak state, might be better than any purgative of the shops; he felt no pain of any description. The epigastric and hypogastric regions free from uneasiness.

3d. He slept well last night; and was up all day yesterday, walking about his chamber; had no passage. He got up at 4 o'clock this morning, and ate an orange. I saw him at seven; he had then taken a little coffee; pulse and tongue indicated some slight remains of febrile action. He is without the pain or uneasiness of stomach or hypochondrium. He will, perhaps, require no more medicine. I allowed him to drink some wine and water to-day. He may be considered convalescent. Bilious Catarrh, with pains like Epidemic of 1815. 1820.

CASE. Mr. — was taken with a chill on the 1st of July; next day took salts, after a dose of calomel the over-night. On the 4th, the calomel was operated. On the 5th, pain came on in the right side, excruciating, with incessant cough. Ordered Calomel, gr. iij. at night, and a blister.

July 6th. Pain in side relieved.

7th. Cough excessive; orthopnoea; pain shifted to the breast and shoulder; the blister applied to both places; all drew well. One grain of calomel, every two hours, operated well, and in a short time, without the least nausea.

8th. The fever, this evening, low; cough much better; can lie down with ease; no pain; tongue covered in the middle with a white scurf. This is the third case of Pneumonia Notha Biliosa, which I have seen this month. They were each relieved by blisters and purging. The calomel given in small doses, and repeated; taken to open the excretions of the whole system, the pulmonary especially. I saw this man but three times in the last

eight days. Recovered. Biliary Remittent Catarrh, or Remittent Biliary Pleurisy.

CASE. William, a free person of colour. May 10th. Was taken yesterday with a chill, at 10 o'clock, succeeded by a fever; pain of side, sore throat, headache, and cough. This morning, the side and head were better, but throat very sore; tongue foul; great difficulty of swallowing, and drowsiness; pulse rather full, with some hardness. Took from the arm, six ounces of blood, which induced fainting, at half-past six; at seven, he began to cough, and, of course, recovered from the deliquium. Gave Calomel, ℥ss., in honey. At ten, directed Pulvis jalap. comp. in one hour and a half; it puked him, and purged well downwards.

Evening. Less depression; more animated; face flushed, and fever perhaps rising.

11th. All symptoms more moderate. R. Epsom salts, ℥ij.; Ant. tart. gr. i.; Aq. ℥iv. Cap. a table-spoonful every two hours, until purging or vomiting ensues.

Evening. He took only one dose, which nauseated him, and gave him one passage; cough almost left him; throat wonderfully better; scarcely any fever; no perspiration.

12th. Convalescent, but tongue covered with thick scurf. Cap. ℥ss. of the mixture above mentioned, until vomiting or purging ensues. Influenza. 1825.

December 11th, 1822. Catarrhs have been frequent, in all their various forms, for six weeks; calomel at night, and jalap next morning, repeated continually, every night and morning, or every other night and morning. Sometimes, doses of tartar emetic. The ears, throat, and head, were violently affected in seven cases, and lasted from nine to fourteen days. They generally were Tertians.

CASE. Mrs. —, June 27th. Five months pregnant. Complains this morning of great fulness in the region of the stomach; pain over the right eye; soreness in the right side (hypochondrium); skin cool; pulse over 90; great thirst; generally feels confused about the head; cough troublesome and dry. Was taken on the 21st with great pain in the head and side; though she has had fevers for some months, she had been bled twice, copiously, and I gave her seven grains of calomel; since which her bowels have been kept constantly open with cremor tartar and salts.

At 10 o'clock, gave four grains of calomel, and at half-past one, proposed a table-spoonful of salts. Catarrhal fever prevalent for some time past. There appears to be no regularity in the remissions and exacerbations of this fever.

Evening. Complains of pain in the back, higher up than the lumbar vertebræ; pain in the hip, side, and head; skin warmer than I have felt it before; pulse reduced in quickness; has only

had one passage from the calomel and salts — it was black, and lumpy. Gave two tea-spoonfuls of salts, at 6 o'clock.

28th. The salts operated twice last night, and twice this morning; passages black, and watery; pain diverges from the liver, shoots from the shoulder down the arm, and from the root of the liver high upon the spine down to the hip. She was directed a glyster last night, but could not take it from the severity of the piles. Pulse very active.

Evening. Has passed a pretty quiet day; her pains, this evening, are very moderate; that in the right hypochondrium and hip most troublesome; pulse much reduced; cough, though, appeared to be increasing, just after 6 o'clock. Directed four grains of Calomel at 8 o'clock, and a table-spoonful of Salts in the morning.

29th. Rested well last night; fever rising this morning, at half-past nine; no effect from calomel or salts. Directed a Sinapism to the root of the liver; and as soon as it was felt, to give Sal. amar. $\bar{3}$ ij. Pulse quick, stronger, and rather full. Between 12 and 1 o'clock, it operated three times. The evacuation consisted of very black and green bile; she fainted at the third passage. Complains of pain in the head, or a sensation, as if the back part was coming away. Saw her after she recovered from syncope. Pulse somewhat reduced in volume and strength, but still quick; wishes to be bled; side easier.

30th. I recommended to go on with aperients — salts, or salts combined with cremor tartar. I was too unwell to visit her this morning. In the evening, she sent for a dose of calomel. Sent gr. iij. Recovered. Delivered of a child, September 27th.

October 1st. Has had a fever ever since her parturition; no milk; skin dry; pain over the eyes; roaring in the head; sleeps badly; pain in the left side and shoulder; dry cough, which she has had for six weeks; pulse has been very full to-day; no appetite; thirst considerable; fever subsided a little this evening; pulse by no means tense, moderately full; flirt very quick, but by 8 o'clock rose; took a dose of castor oil yesterday, and salts and magnesia in divided doses to-day; they have all operated, but with no relief to the head; wished to be bled; told her the pulse did not indicate the propriety at present. Directed salts in the morning, in broken doses, till they operated.

2d. Pain shifted to right side and shoulder; fever still; no perspiration; took two table-spoonfuls and a half of salts yesterday, which only operated slightly. Gave Calomel, gr. iv., to-night, and directed Salts in the morning.

5th. Medicine operated very slightly, although she took large doses of salts; the passages black.

Evening. Since this morning pains in the belly and limbs, right and left sides, hypogastrium, thighs, and legs; pulse quick and rather full; no wind in bowels; no tenderness on pressure; has borne a bottle of hot water without inconvenience. Directed spirituous fomentations. Sal. amar. $\bar{3}$ ij. and Aq. \bar{f} bi., to be

repeated, and if not relieved, Calomel, gr. iv., and a mustard poultice to the belly. Had a copious passage, and was much easier.

6th. She took the calomel, and this morning Ol. ric. $\bar{3}$ i. At ten and twelve, $\bar{3}$ ss. Some time after each dose, a glyster of three table-spoonfuls of salts, and the same quantity of fresh butter in gruel; the mustard poultice was put on before the last dose of oil; she had four bilious passages.

7th. Feels easier this morning, but still has fever and occasional pain in the stomach and right shoulder; tongue dry; skin not quite so harsh as usual; no tenderness of belly; great deal of wind in the bowels.

Evening. Pulse better; skin less hot; says the pain is less moveable; more fixed in the stomach, I suppose. I think, feels some pain from pressure; headache — when she rises from the pillow especially. Cap. Cal. gr. iv. h. s., and Ol. ric. manè.

8th. She was obliged to take two additional spoonfuls of C. oil, and a glyster. This operated four times; stools of lighter complexion; pulse softer this evening; pains in the side and head still, and some soreness of belly.

10th. Did not give calomel last night, as the excitement of the arteries had subsided. She took Sal. Rochelle, $\bar{3}$ i. this morning; she puked them, and they operated once by 9 o'clock. Directed $\bar{5}$ ij., to be given at eleven, and repeated at 1 o'clock, if neither dose operated. They were all given, and operated well.

12th. Pulse reduced, and pains easy. Better, in every respect. Cap. a light table-spoonful of Epsom salts.

Evening. The salts operated better than any medicine she has taken; pulse more active; skin hotter; no pain.

15th. She took yesterday morning a light table-spoonful of salts, and I directed a dose to-morrow morning; she still has fever, but it is very slight, and feels very seldom any pain. Skin still dry.

18th. Saw her this evening. She has had much more fever and headache, with great pulsation. Pulse at the wrist quicker and harder, and fuller. Cap. Calomel, gr. iv. h. s., and Sal. manè.

21st. Rep. Cal. to-night, gr. v., and Sal. manè cras.

22d. Medicine operated well, with pain in hypogastrium; pulse this morning still active.

23d. Fever lower this evening than I have witnessed it; pulse much reduced; sitting up. The first time that I have seen her in this posture since her indisposition. Bilious Tertian Remittent Catarrh.

CASE. A boy, æt 7. December 6th. Eleventh day of the fever. At night, skin temperate; pulse soft; eyes painful, and mouth also; washed in cold water; pains in the ears and limbs (loins). Cap. gr. iij. noctè. Skin very dry; pulse was active this morning; the catarrhal symptoms, stuffing of the nose, and cough —

loose; tongue got foul after being clean and red, though dry; moaning and sleepless; face flushed; two passages this morning; took salts yesterday, which operated well; the last passage which I saw, liquid.

11th. Had a bad night; coughed much; calomel operated this morning with griping; the purge likewise operated; sat with him nearly an hour; coughed but once; disposed to sleep; left him profoundly asleep; face pale at half-past ten, or at eleven; has not taken any nourishment; legs still painful; drinks a great deal of cold water; coughs freely, as if there was no pectoral inflammation.

Evening. Had three hours' good sleep; more than he has had at any time since his sickness; pulse this morning frequent and soft; he is sitting up in the crib, and spinning tops; has eaten nothing; drank this evening a cup of coffee; cough continues; no pains in his legs this evening.

12th. Better, though cough troublesome last night; had a passage this morning; face flushed on the left side; pulse soft, and not very frequent; sitting up in the bed cutting paper; had a passage this morning.

13th. Passage; ate oysters twice.

14th. No passage to-day; appetite natural; ate oysters twice; and would have eaten cheese and salt fish this evening, if he had been allowed; no passage to-day. This evening, ate heartily of barley sugar; could never before be prevailed on to take any sweet palliative for his cough. Sixteenth day begins this evening; no passage all day. Takes one tea-spoonful of salts at bedtime, with half a tea-spoonful of cremor tartar. Fever still, and cough.

15th. He slept profoundly from the moment that he took the cremor tartar and salts. Now half-past ten, and he still sleeps, covered with perspiration; his physic did not call him up till near day; he had one good passage, and had one at 4 o'clock.

16th. Has had no passage to-day; has eaten very heartily of apples; this evening, fever moderate; last night, complained of great pain under the sternum. A plaster of suet and nutmeg relieved him. Directed Sal. A. ζ ij., after he went to bed, if the pain should return.

18th. Did not sleep so well. Up, and eating animal food. Bilious Remittent Catarrh. 1826.

CASE. Mrs. —, October 5th. Was seized with an ague at midnight last night; and as soon as it came on, felt a most acute pain on the right side of the sternum, just under the mamma. They applied a sinapism to the seat of the pain this morning; shortly after which, I saw her. The skin was hot, though she was covered up in bed, and said she felt occasionally chills running over her; cough hardly perceptible; could not fetch a long breath; headache; pain in joints; pulse full and rather active. V.S. ad ζ x. or xii.

Evening. Headache increased ; sick stomach ; pain in the limbs so great that she could not possibly stand on her feet ; head rather warmer than natural, with increased throbbing pain in it ; a little hacking cough ; pain so great in side that she could not cough out ; skin cool, and face by the twilight appeared rather pale ; no passage to-day ; has taken medicine several times lately ; on the third, a dose of salts for an ophthalmia, which she has been afflicted with for some days, with a dry cough ; pulse more compressible than in the morning. Cal. gr. v. h. s., and a sinapism in the night, if pain of side be very great.

6th. She got rid of the racking pain in head, and sick stomach, in the night ; skin is warmer and pulse firmer ; she says, she has less fever, though ; perspired a little in the night ; still a little pain in side ; sinapism was not applied. Calomel operated once. Cap. statim P. jal. c. ʒi.

Evening. Her medicine has operated extremely well ; and has relieved both head, stomach, and cough ; fever much reduced ; pulse slower. I have observed no expectoration.

7th. Had a return of fever in the night, which terminated in perspiration. She says, she derived much benefit from the purge ; it cleaned her head. She had, during the cold, a pain through it, from temple to temple ; and it has been beneficial to her eyes. She may be considered convalescent. She is sitting at work knitting ; she is a very old woman ; she only coughs in the morning, about day. Catarrhal Fever threatening Pleuritis and Phrenitis. 1827.

CASE. A boy. March 2d. A boy who had a pleurisy some time ago, was seized with fever and sore throat the day before yesterday. Saw him yesterday, at four in the evening ; face universally scarlet ; pulse full, strong, and jerking, and indicated venesection as much as in his last illness ; throat still sore. Cap. Cal. gr. v. h. s. and Ol. ric. manê ; pulse to-day completely reduced, puked the oil ; calomel operated before he took the oil, last night ; fever excessively high ; has had four passages. Directed some bread and molasses for his diet. In several cases, I have found that calomel has reduced the arterial excitement, by bringing down a flow of bile from the liver, with as much effect as V.S. A boy somewhat older, was attacked, a few evenings since, with great headache, flushed face, oppressed breathing, pain in side, shifting to breast ; full pulse ; slight cough ; in whom, Calomel, gr. v., and a dose of Salts, cut short the fever, and he convalesced immediately. These fevers of bilious catarrhal character, may be frequently subdued by a dose of calomel, and a purge, without either venesection or emetics. There is generally great congestion about the liver ; more especially after a warm spell of weather, in the winter months. We have had many sharp cases of bilious remittent this winter, which have yielded to calomel, every

other night, or oftener; and then carried through the body with P. j. c., or Salts, or Oil.

3d. Convalescent.

CASE. A child, æt. 14 months. Being exposed to a strong N.E. wind, in landing from the steamboat at Jamestown, suffered from intense cold, and was taken with a cough, for which he took, on the morning of the 17th of March, a dose of oil; at night, Calomel, gr. iij.; medicine operated, calomel and oil, at 10 o'clock. On the 18th, took another dose of oil, which gave him several passages; he had a plaster of mutton-suet applied to the sternum, sprinkled with powdered ginger; slept badly both nights, but better last night; cough troublesome, and cried whenever he coughed.

19th. Fever lower, but cough continued, without any cessation. R. Ant. et Pot. tart. gr. i.; Aq. calid. coch. parv. xx. Cap. i. o. h. till 5 o'clock. Cough less.

Evening. Fever rose, and face flushed; no passage to-day; ate nothing, but drank milk and water. Cap. Calomel, gr. iij. at 9 o'clock, P.M. Skin always dry. Oleum ric. to-morrow morning.

Took no other medicine, and recovered. Catarrh or Pneumonia. 1828.

CASE. Mr. —, Nov. 25th. Chill last night; fever, cough, nausea, pain and fulness of head; bowels costive. Gave Ipecac. gr. xv., puked fully, and relieved nausea; previously coughed up bile. Cal. gr. x. h. s. and P. jal. c. manè; pains in the lower extremities; not complained of after evacuations.

26th. Neither medicine taken operated; and he took two doses of salts, one of which was puked.

27th. Cough continues, and head quite relieved. Salts and Cr. tart.

28th. Cough excessive, accompanied with pain in the hypogastrio. Cal. gr. x. h. s.; Epsom salts, ʒss.; and Cr. tartar, ʒi. manè.

29th. Medicine has not operated; fever of yesterday continues; pain in the belly so great, that he cannot cough. Rep. Salts and Cr. tartar.

Evening. Had three passages; first pretty good; two last small; complains very much of the abdominal pain, when he coughs; fever not so great; skin cooler; pulse moderate. V.S. ʒxii. or more; sinapism. ad part. dol.

30th. Rested well; sinapism had the effect of relieving the pain; cough mitigated. R. Epsom salts, ʒi.; Cremor tart. ʒss.; Aq. ʒiv. Cap. statim.

Evening. Salts gave a copious passage at 1 o'clock, P.M., and another smaller one; fever came on at three; ate twelve oysters at four; pulse quickened; face flushed; cough beginning to be troublesome; has experienced some slight pain in the left side; if it came on again, directed a sinapism. His feet have been so hot during this attack, that he has generally kept them out of bed.

Dec. 1st. Fever this morning; rested well; no pain; hungry; directed a slight breakfast; tongue still foul.

Evening. Has eaten three oysters, at twelve; could eat no breakfast; has scarcely coughed during the day; has perspired for the first time; says he is hungry, and must have some supper; pulse quick; face flushed; *very hoarse*; he was slightly so yesterday; had a passage, a pretty good one.

2d. Slept well; took a little bread and tea for supper; cough a little troublesome this morning; fever low; taken some bread and tea this morning, but the tea tastes bitter.

Evening. Two passages to-day; fever and cough moderate; will take, for his supper, mush and milk.

3d. Perspiration last night. Convalescent.

Bilious Remittent Catarrh. 1828.

CASE. Mr. ——. Sallow complexion, and bilious temperament. Dec. 15th. Hoarseness for five weeks, with slight cough, and pain in left side. A few days since, from the state of his pulse, which was full, with hot, dry skin, I directed V.S., a blister, Cal. and Salts; but his repugnance to bleeding was invincible. The pulse this morning, is not quicker than natural, with small stroke. Directed evacuations with salts, and a spare diet; he feels weaker; seldom coughs in the day; thought he had a chill yesterday, at noon. Exercise fatigues him (walking). Emp. vesic. to the left side. H. s. R. Epsom salts, $\bar{3}$ i.; Ant. et Potass. tart., gr. ij.; Aquæ, $\bar{3}$ viii.; Cap. $\bar{3}$ i. h. s. et primo manê.

16th. Ague last night and the night before; the medicine has operated well; was taken this morning with considerable headache; pulse full and active; had two passages from medicine this morning; pains shooting from side to side; has blistered on both sides without relief. V.S. ad $\bar{3}$ vij.

Evening. Was called at 4 o'clock, this evening; found head much affected with pain; he wished to be bled again; pulse had been somewhat reduced by the venesection and antimony; advised repetition, if pain continued to-night. He had, of his own accord, taken Calomel, gr. ii.; skin disposed to perspiration; if he had no passage by night, directed him to repeat it. Tongue foul; brownish-yellow; does not cough in the day; nor is it troublesome at night; can inspire fully without the least uneasiness; slight nausea; has never been confined to bed till to-day; some sneezing last night; has never expectorated, or very little.

17th. Was not in bed again; repeated the two grains of calomel; rested well, and perspired generally; pulse nearly, if not quite natural; feels the spleen swelled; has not coughed since he was bled yesterday morning; his nose bled this morning — strong mark of visceral obstruction; eyes perfectly clear; but little headache. Took his $\bar{3}$ i. of Epsom salts, with Tartar emetic, this morning; operated twice.

18th. Slept pretty well; cough returned a little; had a pain

shooting from his right hip to the foot; but it subsided; has a little pain just below the arm-pit; no passage this morning, after calomel or salts; rather more heat of skin; no epistaxis.

25th. Rode to my house; had pain in side again, a few days since, and applied a blister; bowels never move naturally; took five grains of calomel, night before last; very little cough; pulse feeble. Directed Cal. gr iij. twice a week, and to ride on horseback in fair weather. Bilious Catarrh. 1828.

CASE. May 14th. Has complained, since the 12th, of pain in the side and breast; he has had a cough without expectoration; pain in head; pulse slow; difficulty in breathing at times; he took castor oil on the 12th; since has had no passage; tongue dry and whitish. V.S. $\frac{1}{2}$ i. Blood ran extremely slowly at first, and extremely dark. (Like all the blood which I have taken this season, except in one patient, who had received a blow on the head; the blood taken, at the first bleeding of him, was very dark; the second bleeding was like arterial.) After four or five ounces had been extracted, it ran freely. When at the latter part of the bleeding, being about to apply the bandage, I observed the pulse much quickened. He was bled at 10 o'clock, P.M.; I immediately gave seven grains of calomel, and directed a dose of salts at 7 o'clock.

15th. Pains and dyspnœa relieved; little or no fever; medicine operated very well.

16th. No complaint but shortness of breath. He desired to take six drops of spirits of turpentine, on a lump of sugar, which I allowed him to do. 1828.

CASE. Alfred, a servant. Nov. 28th. Complains much of his head; eyes red; took a few ounces of blood; difficult to find a vein. Cal. gr. x. and P. jal. c. $\frac{3}{4}$ i. circiter merid.

29th. Medicine operated very well. The general pain in the head subsided, and fixed in the left eye, which is inflamed; cough better; bled again this evening, and took a larger quantity. Cap. Cal. gr. xi. h. s. and Sal. amar. manè.

30th. Medicine operated; inflammation of the eye gone; it has a curious appearance; looks languid and contracted; less fever, cough, and headache.

Dec. 1st. Pain in the eye came on again to-day. Cap. Cal. gr. vi. h. s. and Ol. ricini, manè. Fever.

2d. Medicine has operated, and the eye has resumed its wonted look, nearly.

3d. Convalescent. Catarrhal Fever. 1828.

CASE. Miss —, July 7th. Habitual cough; had, on yesterday, hoarseness, which came on from rain; last night cough, with excessive expectoration. This evening, pain of side; sick stomach; pain in limbs and head; cannot make a full inspiration; extremely restless. V.S.; Cal. gr. v. h. s. She is subject to rheumatism of the scalp and sciatica; and is also consumptive.

8th. Fever lower at noon ; still expectorates freely ; head easier ; pain of side and sick stomach gone ; skin moist. Took salts this morning ; puked, and had but one passage from salts and calomel together ; at 10 o'clock, P. jal. c. ζ ss.

9th. Took Salts last night ; operated once ; powder did so once ; better, in every respect.

10th. Cough still troublesome. Directed Epsom salts, ζ ij. h. s. and repeat manê.

25th. Had a blister applied to the sternum ten days since. She has engaged in her usual occupations, but complained of her breast when she coughed. 1829. Bilious Catarrh.

CASE. Fanny, a servant. Jan. 14th. Catarrh, with abdominal pain ever since 12th ; pulse active. Cap. Cal. gr. viij., and in three hours, P. jal. c. ζ i.

15th. Fever continues ; pain much aggravated by the cough ; it is fixed now in the region of the umbilicus ; her cough is habitual, but she has the catarrh which is prevailing. Pain continued during the night ; her medicine operated well ; but during the night the passages were small, owing to the pain being increased by their expulsion. At ten, she had just applied a sinapism. I took ten ounces of blood from the arm. The sinapism remained on half an hour. Directed Ol. ric. ζ iv. in a pint of Aq. calid., to be thrown up, and afterwards, Emp. vesic. (if not relieved) to be applied to the navel and surrounding parts — a large one. She could not bear the pressure of the hand upon the belly, before the poultice was applied.

Evening. Fever increased, with more rapidity of pulse ; blister at five, not drawn ; still in pain, but coughs with more ease ; the pain lessened since the morning ; glyster operated ; blood shows no buff coat ; very little serum. Gave, at 5 o'clock, Cal. gr. ix., and directed Ol. r. manê.

16th. Blister drew well, and medicine operated ; rested pretty well ; appeared easy, lying on the left side ; appeared disposed to sleep ; did not examine the pulse.

Evening. Pulse less excited, and better in every respect. Many catarrhs this winter were attended with affections of the stomach, as puking incessantly and headache, and also pain in the lower bowels, instead of inflammation of the pleuræ. Bilious Catarrh. 1828.

CASE. Catarrhal Fever approaching Pleuritis, cured by purging.

Jan. 15th. Mr. ——. Fever last night, with cough ; pain in side and head easier this morning. Tongue foul ; brown and yellow fur ; skin hot ; pulse quick, full and somewhat hard. Calomel, gr. ix. at 9 o'clock ; and at 12 P.M. P. jal. c. ζ i.

Evening. Headache and pain of side gone ; pulse simply quick ; lost its active stroke ; cough breaks more freely ; face of a faint light red ; no thirst. Directed some milk tea.

16th. Fever still, and no appetite ; better, in every other respect.

Evening. No exacerbation of fever. Convalescent. Directed abstinence for a few days. 1828.

CASE. Mr. ———'s little daughter, *æ*t. 4. Jan. 18th. Cough for a day or two, with pain in belly; cough very slight; screams out frequently, when the fever rises at night; pulse excessively rapid. Cap. Cal. gr. v. h. s., and in the morning, a large dose of *Ol. ricini*. About an hour after taking the calomel, screaming after awakening from sleep, with violent starting. A glyster containing Castor oil, ζ iss.; operated twice, and brought away wind.

19th. Fever lower; no appetite. Calomel operated twice in the night, and oil has operated well.

Evening. Rise of fever.

20th. Starting, screaming, and pain of belly increased last night. Repeated the calomel and oil this morning; operated well late in the morning. Calomel did not affect her at all as before.

Evening. Cough very troublesome for the first time, with much hoarseness. Mix up powdered ginger with suet, and apply a plaster of it along the sternum.

21st. Only one screaming fit in the night; plaster relieved the cough; much better this morning.

Evening. Convalescent. 1829. Catarrh.

CASE. Mr. ———, Jan. 25th. Catarrh for some days. Just returned from Norfolk, where he was very sick, being compelled to resort to his bed, with a rise of fever and headache, every evening at 4 o'clock. Epistaxis yesterday evening and last night copious, with much relief of head; bowels costive; pulse slightly excited. Cal. gr. ix. at ten, and *P. jal. c.* ζ i. at one.

Evening. Fever nearly off; nose bled again at 1 o'clock; medicine had not operated at five, more than twice; nausea, and felt as if it would operate more.

26th. Nose bled three times in the night, with still further relief; one side of the head (the left) seems to bear the force of the disease. Took a dose of salts this morning, as the purge he took yesterday operated insufficiently; pulse a little quicker than yesterday evening.

Evening. Soft skin; perspiring; much better; salts operated well.

27th. Nose bled once in the night, and relieved head again. Convalescent. Catarrh. 1829.

CASE. A boy, *æ*t. 10. Feb. 7th. Has been affected with the catarrh for a few days; he coughed much last night, and had great discharge from the nose; was blowing his nose, and expectorating freely, all day yesterday. This morning, complained of nausea. The alimentary canal, and visceral appendages have been much affected in the prevailing catarrh; the bilious organs especially; great secretion of highly elaborated bile, of deep colour. At

9 o'clock, Sal. amar. ζ ij. Between ten and eleven, operated very largely, and at eleven, another very high-coloured passage, greenish-brown, of great consistence, and fetid.

Evening. The salts have operated five times, in all; nausea soon disappeared; appetite for dinner and supper; allowed no meat; very little fever; coryza troublesome; cough better.

5th. Slept well, and is better, in every respect, this morning.

11th. Catarrh and coryza continue, but is at play.

17th. Both much diminished.

19th. The discharge from the nose, still great; but in every respect quite well; is active; eats heartily, and is at play as usual. Catarrh. 1829.

CASE. Miss —, æt. 7. February 7th. Has this catarrh; within two days has reduced much, though fever slight, and pulse very little disturbed; complains of pain down the left arm from the shoulder, and pain in the lower portion of the abdomen; she puked light yellow bile, from coughing in the night; loss of appetite; eyes dull, heavy, languid. Now 11 o'clock, and has just had a large, light-coloured, unnatural-looking passage, and figured; had such another last night; she feels sick at the stomach; but has not felt the same sensation before. Cap. Sal. A. $\bar{\zeta}$ ij. statim.

Evening. Salts operated three times; nausea relieved; appetite returned; no fever this evening, and cough diminished.

8th. Slept well, and has no complaint this morning, but the cough is slight.

11th. Catarrh still, and little appetite; complains of pain in the arm, and a little in the breast.

17th. Cough nearly gone.

19th. Nearly well. Catarrh. 1829.

CASE. Patty, a servant. March 5th. Was somewhat indisposed last night, but to-day has complained of her head. To-night, she is in a state of stupor; thinks she has something in her head; and says she is "so sleepy." Slight cough; great discharge from the nose; pain chiefly in the eyes; tongue clean; feet and hands cold, and indeed, the general surface of the body; pulse depressed; took about eight ounces of blood from the arm. She shivered, and heaved at the chest, while it ran; though, when asked, she felt not faint, and the blood stopped. Applied a hot brick to the feet, and gave her eight grains of calomel. She appeared to have slight subsultus; and in feeling the pulse in the left arm, she held my left hand spasmodically in hers, while I felt the pulse with my right. The eyes were suffused, and the sensorium much disturbed by the inordinate determination to the head. This is an exemplification of an irritative ague. Thirst intense, and drank an inordinate quantity, just before I gave the calomel, with delirious avidity.

6th. She got very warm in the night; felt chilly again this

morning; is perfectly distinct in her mind, nor suffers from excessive nausea. Better, in every other respect, from calomel. Sal. A. $\bar{3}$ ss. statim.

Evening. Medicine has operated very well; no headache; cough very slight; she only complains of weakness; much and constant spitting; found her smoking the pipe; of fever, scarcely a vestige. Catarrh. 1829.

CASE. Mr. —, June 22d. Has laboured under cough for several days, for which he has taken several doses of salts; the last, day before yesterday; complains of pains about the extremity of the short ribs, on the left side, whenever he coughs; cough hoarse and dry. V.S. $\bar{1}$ i.

Evening. Headache; rise of fever; pulse more active than before venesection; nausea; face flushed; bowels costive. Capt. Calomel, gr. viii. h. s. et Epsom salts, manè.

23d. Less headache; skin cool; pulse less active; spits more freely; calomel operated, and afterwards the salts; — well; passages dark; tongue has a yellowish deposit; yesterday, blackish.

Evening. Met him abroad in the street, with an open skin, a mitigation of cough, and pain of side; but hand warm. Catarrhal Fever verging on Pleurisy, arrested by V.S., calomel, and salts. 1829.

CASE. Mrs. —, February 17th. Pregnant. Has had the prevailing catarrh for several weeks. The cough has been troublesome at night, and she has coughed for some time, when the fits came on, but not very frequently; has had pain in the side; loss of appetite. V.S. $\bar{3}$ vi. Sal. A. h. s., and manè rep.

19th. She felt pretty well this morning early, but had chilly sensations after breakfast, which was only a little dry bread and coffee. Saw her at 11 o'clock. There was a flushing in both cheeks; coughed less last night, and slept pretty well; there was a smart exacerbation of fever; she could not make a full inspiration without immediate desire to cough; pulse indicated more force and fulness, than the day before yesterday. Gave two teaspoonfuls of salts, immediately after taking four or five ounces of blood this morning; very dark, as in the first bleeding; no pain of head, which is perfectly clear.

Evening. Medicine operated; pulse reduced in force, but not in frequency; very quick and small; she does not generally cough much in the evening, till she goes to bed.

20th. Perhaps no fever this morning. But she felt the same amendment early this morning, and afterwards the usual restlessness; pulse less quick and fuller; no flushing of cheeks; scarcely coughed at all last night; ate with appetite at breakfast. Advised Sal. A. pro re nata. Catarrh. 1829.

CASE. Miss —, Jan. 9th. Has for several days complained much of the pain in the back, which confined her last year. She has been to school, and studied very closely; sitting up late and rising early; and has been compelled to sit, without support to the back, in the school-room; her meals have been irregular, and she has eaten lately a great deal of cheese, of which she is very fond; her bowels have not been freely open; passages small; last night she complained much of pain in the right ankle, which, together with the pain in the back, induced her to retire to rest early; she had no fever, from her mother's account. This morning her complaint is attended with frequent spitting. R. Sal. A. ζ ss.; Cr. tart. ζ i.; Aq. ζ i. Ft. haust.

25th. Now labouring under the prevailing catarrh, but goes to school. The cats and dogs about the house affected severely, with the same.

26th. Cough this evening, very short, and troublesome; occupied with her usual school exercises, during the day; appetite as usual; feels an uneasiness in her breast and difficulty of breathing; pain in the back still continues.

27th. Did not cough all night, and talked idly, and had fever. Took her breakfast this morning and went to school, but the cough became troublesome, and she was compelled to lie down; pulse when she came home, very little disturbed, but cough incessant, with pain in breast and abdomen, and Mrs. — thinks, ushered in with an ague; bowels costive. Sal. amar. ζ vi. at 1 o'clock. About 2 o'clock, she was restless and agitated; complained of great nausea and headache; she got a glass of lemonade, and became composed, and slept soundly. Between five and six, she had two small passages, dark brown, liquid, with two lumps, and felt much relieved. She had last night a very large passage, after being costive from the 22d. Mrs. — thinks, she had a chilly fit, when she came from school at noon; she hovered over the fire. At half-past seven her pulse became fuller. When she coughed, which was seldom, it was rather dry, and she then complained of her abdomen and breast, but slept sweetly during considerable intervals. At eight, right cheek flushed; toes and nose cold; she was then covered with the bed-clothes, which she had thrown off. Slept profoundly from eight to 9 o'clock. At 10, awoke, and complained very much of her abdomen. I applied a plaster of Ginger, ζ ij.; Mutton-suet, ζ vi. She spat pretty freely, and did not complain of the breast, but was somewhat delirious. She drank some lemonade, and took a bit of stewed molasses, and went to sleep again; pulse more feeble.

28th. Had three brown, liquid passages in the night; complains this morning much of headache; sick stomach, and pain in abdomen; the cheek much flushed; pulse and respiration slower; expectoration copious. At 8 o'clock, a cup of blood was taken from the arm; she felt faint, and puked; and immediately afterwards the salts operated again, and brought away a very bilious,

brown, liquid passage. The pain in the abdomen is as low as the hypogastrium; the bleeding has removed in a great measure the flushing on the right cheek; after having the passage, she fell asleep.

Half-past ten. Has enjoyed a pleasant sleep of two hours; headache much less; spits largely; pulse softer and less quick; face scarcely flushed at all; rose, and is sitting up; she sat up for two hours, and went to bed again; when she coughs, feels much pain in the belly and breast; pulse very moderate; nose a little cold, at twelve; but fingers perfectly warm.

Half-past one. Complains of very sick stomach; no rise of fever yet; everything makes her sick, she says; she wants some old ham; expectorates freely, well-looking mucus. Between two and three, rise of fever; face flushed; still desires to eat salt meat; complains now of soreness of breast.

Evening. Considerable discharge from the nose this evening of mucus, which has relieved the head; she is cheerful, converses, and wishes much to eat; anticipates great pleasure in taking something at tea; she would have a little salt to put her mouth in taste. Cal. gr. vi. h. s. and Sal. ζ ss. manè.

29th. Calomel made her excessively sick, and operated three times; now well, and at daybreak took the salts, which increased the nausea very much. Expectoration very free during the night, but the soreness of breast and abdomen still.

9 o'clock. Now up. Salts operated three times; mucous passages, which have removed completely the flushing of the cheeks, and carried off the excessive nausea. She drank frequently of the lemonade during the night. She slept well till ten, when the calomel was given, which she took very reluctantly; she breathed better, and in an infinitely less hurried manner than the night before last, and expectorated freely, her cough being more frequent than any night before; head has been quite relieved; indeed she has not complained of it since yesterday. At half-past one, fever very low. Has been walking about the rooms up stairs, and eaten some bread.

30th. She slept very well; coughed but seldom, and expectorated well. This morning the expectoration increased, from the secretions during the night into the bronchiæ, attended with the usual soreness under the sternum. Her respiration and pulse infinitely slower last night; very little fever; great desire this morning for salt food; eat a little salt beef; drank a cup of tea, and ate some bread, after which I found the pulse very soft and not at all disturbed; softer and slower; she ate an orange during the night. At half-past eleven, a small, half-consistent, highly-bilious, rhubarb passage. By four o'clock, four passages of bilious character, the last greenish; cough has been rather troublesome; has only eaten an orange since breakfast; there has been the usual meridian exacerbation: pulse not so soft, and quicker; she ate at four, some bread and milk, which she relished much; feet cold, which she keeps to the fire.

31st. She rested well last night; coughed till 12 o'clock, and then slept till day; she ate an orange early in the morning, and for her breakfast, five butts of oysters; she has coughed much this morning, but does not complain of her breast or abdomen; right cheek flushed; pulse a little quickened, and soft; expectorates a great deal; had a small passage this morning; her feet are extremely cold, and face hot. Another small, soft, figured passage, deep brownish-yellow, at half-past one; face not at all flushed.

Feb. 1st. She coughed more last night than usual; great desire for ice this morning; ate half a tumbler of snow; before breakfast, a thin biscuit, and one afterwards, and an apple or two; cough incessant, and expiration considerable; no difficulty of breathing.

Noon. Cheeks flushed; pulse quick; salivation, which has been the case throughout the complaint; sucks lemons. At eleven, great nausea and inclination to puke, with bitter taste. Gave her warm water, which she rejected without any of the alimentary contents of the stomach: she felt great fulness before the nausea came on. The efforts to puke from drinking the water, brought on sweat generally; she then felt an inclination to have a passage from the bowels, and passed a highly-bilious lump; went to bed, and at half-past twelve, the nausea subsided; cough much less during the nausea; she slept an hour, and awoke much troubled with cough, though the sick stomach was completely relieved. At 1 o'clock, *Sal. amar.* ʒij. Slight passage at two, accompanied with very sick stomach. At a quarter past three, a bilious, brown, rather consistent passage; ate some dried currants; cough still troublesome. By half-past three, she had two more passages, more liquid, of the consistence of gruel, highly bilious, deep yellow, fetid, with black particles mixed, &c.

7 o'clock. Has had one or two more passages; cough much diminished, and she is better in every respect; ate a biscuit for her supper.

2d. She had but two severe fits of coughing in the night; had one passage dark, and one this morning highly bilious and less dark. Cough not so troublesome as yesterday; pulse soft and very little quickened; ate a little salt fish for her breakfast, with a little buttered bread. At half-past nine, sputa slightly tinged with blood, and did not feel so much pain in coughing. Last night and this morning complained, though not so heavily, of pain or soreness in the breast, when the paroxysm of cough came on, and also of the lower region of the abdomen; she complains much of the burning in the right cheek and ear; she is now reading in bed; coughs very much, and expectoration not very free, but discharges, as usual, a great deal of saliva.

12 o'clock. Cough still almost constant; sputa changed; less coloured with blood; left cheek now flushed.

Half-past one. Had two rather bilious passages, the last pretty full, and of more natural-coloured, slight, hepatic bile; no more bloody sputa; pulse much reduced, and flesh also; cheeks faded

much. Mrs. — thinks, that the lemon and sugar, which she has eaten this morning, has produced those passages.

6 o'clock. No return of the flushing; ate a few oysters for dinner; cough less troublesome; has been much better this evening, and has not slept to-day; the last passage was accompanied with an immense deal of wind, although it showed more healthy bile than before.

3d. Slept well, and had two long fits of coughing, and complained of soreness of breast; cough has been troublesome to-day; she has eaten oysters twice. At 4 o'clock, fever lower than I have felt it; flushing of the cheeks disappeared.

4th. Two or three more severe fits of coughing in the night; she has eaten a robin for dinner, and drunk some tea this evening; pulse very little quicker than natural, and cough better; no passage to-day.

5th. Had less cough last night; rose early; pulse feeble and not much quickened; bowels costive. Sal. amar. ζ ij. at 8 o'clock. By ten, it had operated four times; pulse fuller, and more active.

5 o'clock. The medicine operated five times; passages good, bilious, mixed with scybala; no flushing to-day; cough mitigated; appetite good; ate a little wild duck for dinner; pulse soft and slightly quickened; the discharge of saliva when she coughs, still continues; the quantity of mucus not so great.

Rested well, and coughed less; but early this morning, the fire going out, she coughed for a long time; she had a healthy passage; she ate at breakfast some frozen custard; she complained, in the morning, of headache; no flushing of the cheek and excitement of pulse; she ate a partridge for her dinner; pulse this evening a little more excited.

At 6 o'clock, pulse fuller, but less frequent; coughs less.

7th. She complained extremely of her back and sides this morning when she coughed; she ate a sufficient breakfast of roll, and at 11 o'clock, there was but little disturbance of pulse; she rested extremely well last night.

Evening. Better. Very little fever or cough.

8th. Slept well; complains of pain in the inner canthus of the eye (left). At noon, a hard, dark, bilious, figured passage of sufficient size; after which, she said her eye did not hurt her. Her fever still maintains its catarrhal character; the upper lip in a fretted state.

9th. At 9 o'clock this evening, entirely without fever; felt chilly before she went to bed; but no nausea, and she feels perfectly warm; she has made free use of raisins, preserved cherries, lemons and sugar, &c. No passage to-day.

10th. Passage very early this morning; large, dark, and semi-consistent. Perspiration at 10 o'clock at night.

11th. She has complained of great inflexibility of the back since her confinement, and has never been able to stoop, in the morning, to wash her face and hands; but performs the ablutions with a

wetted napkin. She slept well last night, and had a fit of coughing this morning, with difficult expectoration, as usual at that time.

17th. Convalescent. Appetite enormous; allowed, till within these last few days, an abundance of fruit — figs, raisins, oranges, &c. She now eats meat, bread and butter, and every article of her ordinary diet; cough nearly gone.

19th. She cannot bend her back; last winter she was bent, and could with difficulty straighten it.

24th. Down stairs at her meals; cough nearly extinct; eats very heartily of her ordinary food.

28th. More unwell; complains of pain in the back, between the hips.

March 1st. Directed active friction with the hand, on going to bed.

3d. Much better. Catarrhal Peripneumonia Notha.

CASES. Catarrhal Fever in a family of blacks, between Black Swamp and Burwell's Mill (in the country, a few miles from Williamsburg).

Jan. 18th. I this morning visited a family of free negroes, six or seven in all, labouring under acute pain in the head, and cough. The oldest, a man grown, suffered the most, and has been sick nine days; has had cough, with expectoration; and a pain extending generally up the left side, from the abdomen to the axilla; pulse feeble; had just been bled to the extent of twelve or fifteen ounces of blood. *The next, a woman*, a sister of his, suffered with incessant cough, and acute pain in the head — taken on the 13th. A negro man was in the act of bleeding her when I arrived at the house; about twelve or fifteen ounces were taken; pulse feeble rather, and small; the blood of firm texture and disposed to buff. In the first case, the crassamentum did not hold together, when the vessel was turned up; at the time I saw it, there appeared within the serum no buff coat. The subject from whom it had been taken, took a dose of C. oil last night, which operated copiously, and he had taken a dose a few days since. His appearance feeble, languid, and emaciated. The woman was robust. To the man I administered no medicine: for her I directed Calomel, gr. v., at bedtime, and Epsom salts, \bar{s} ss. manè sequent. Three of her *children* were convalescent. For two or three who were last taken and appeared easy, I left two pills of Cal. gr. iv. each, and some salts, if pain and fever should return, and afterwards directed blisters to the pained parts, if this should be necessary. In all of these the pulse discovered no undue excitement, but was small and without tension.

20th. The patient, Nathaniel, (before spoken of,) seems much prostrated; sleepless; shortness of breath; expectoration, though, free; great desire for acids; tongue coated with light, bilious, yellow deposit; pulse soft, and nearly as slow as natural. Cremor

tartar, ʒss. statim in paulo aquæ frigid. and rep. in duob. horis. P. ipecac. comp. gr. iiss. h. s. The woman is better. Calomel and salts continue to operate; pain in the temples occasionally.

A little child, æt. 4. Taken last night; crying this morning with its head; cough; pulse by no means active. R. Ipecac. gr. xv; Aq. ʒi. Cap. dim. et. alt. in half an hour, if there be need.

21st. Nathaniel sweated profusely last night, for the first time; ate with an appetite this morning, and is entirely without fever; cough much diminished, but strangury occasioned by blister, probably, continues. Directed parsley-root tea, and an emollient glyster at bedtime. The eight children have all been ill with this affection of the head, and cough. They have been evacuated with different purgatives. Jalap and calomel were given to the first taken, and operated well; castor oil has operated equally so; and the small doses of calomel, with salts succeeding next morning, which I gave to three of them, operated three days: they have been easily purged. They had not more than one dose each, except Nat., who took two doses of C. oil. Although the prostration from venesection was great, it made him more susceptible of other agents, as the blister, and the very small doses of Dover's powder. They are now under the care of the nurse-mother, a free black, and will probably require little medicine.

The emetics given to the child operated well by emesis, and also somewhat on the bowels; still has headache, but walks about. 1829.

CASE. Mr. —, Jan. 25th. Catarrh, with great hoarseness, for a fortnight; chill all day; much oppressed; face flushed; pulse not active; pain of head, and obscure pain in left side. Bled him to the amount of three or four ounces, and he became faint, and was put to bed; very impressive bleeding, though small; relieved head; slept. Cal. gr. ix. h. s. and P. jal. c. manê.

26th. Calomel operated before the jalap powder, which has acted duly, and induced intense thirst; he felt no thirst till this morning early; pulse small and rather quick; eyes much suffused with bile; cough less; expectorates freely; hoarseness much abated; pain in side considerable; restless, and complains of great weakness.

Evening. Rise of fever; face flushed; pain still confined to a small spot on the last rib. Advised a sinapism made of Sinap. sem. ʒss.; Farinæ, ʒiiss., and Acet. q. s., if necessary, at bedtime. When I left him, the pain had subsided so much, that he did not think it would be necessary; cough, of course, more frequent, but he expectorates well; though the head pains still; bowels feel loose; restless. No appetite during the time of this catarrh, and before it attacked him, for some days. The pain which he now feels in the side, seems to occupy the spot in which he felt uneasiness, while labouring under chronic hepatitis, some few years since.

27th. Rested badly ; applied the sinapism, coughs still frequently, and expectorates freely ; pulse fuller, softer, and slower.

Evening. No ague, or rise of fever to-day ; cough still troublesome. Cap. Cal. gr. vi. h. s. and P. jal. c. manè.

29th. Medicine operated well ; cough sometimes ; appetite returned ; does not yet sleep well. Convalescent : moderate diet. Aggravated Catarrh bordering on Pleuritis Biliosa. 1829.

CASE. Miss —, April 14th. Catarrh ; pains in eyes, head, cheek-bones, teeth ; sore throat and mouth ; face flushed ; could not raise her head from the pillow ; loss of appetite ; great desire for acids ; pulse but little affected.

15th. Relieved the next morning after the salts ; when they continued to operate.

16th. The third return of appetite ; the symptoms all yielding. Convalescent.

17th. Ague this evening. R. Cr. tart. $\bar{3}$ ss. ; Aq. \bar{f} iss. Cap. ad lib.

18th. Pains in the limbs ; nausea this morning. Colic during the night ; cough troublesome ; pains shifting about back and sides ; no sleep ; stomach flatulent last night ; head has never been easy ; nausea this morning again. Ol. ricini, $\bar{3}$ ss. Cap. statim. ; tongue foul and whitish.

The castor oil operated very well ; and the pains descended with the evacuations, and went entirely off, with the physic ; cough loose ; spit freely last night and to-day ; thirst excessive. Drink balm-tea. She has complained of a burning internally : every thing seasoned, as arrow-root, with wine, increases it.

Evening. This afternoon, fever high ; about bedtime, pulse less active ; not much accelerated ; cough troublesome, and complains of a stoppage of expectoration ; nose has discharged freely ; no ague this evening. Pediluvium.

19th. Slept pretty well last night ; cough loose ; pulse small and weak this morning ; quickness much diminished ; drank a cup of coffee, but has no taste but bitterness ; discharges freely from nose ; thinks she has no fever ; drank plentifully of balm-tea during the night ; cough troublesome this morning, but spitting free ; excessively chilly ; puked up a few lumps of blood, at 9 o'clock ; she then began to feel warm, and her fever rose. Had six or seven evacuations in the night ; cough incessant, but loose ; fever declined about 2 o'clock, with slight perspiration ; fainting, in returning from the chair ; has had some passages this morning ; since the decline of fever, cough less ; has eaten for the first time for several days, some milk and mush.

20th. Had three passages in the night ; sick stomach, and a little puking also ; tongue white as snow this morning ; cough troublesome ; pulse more active ; complains of burning in the stomach, " outside and inside ;" drank cold water during the night, which seemed to allay the cough ; no desire for food this morning. The fever rose, no doubt, in the night. Her feet began to feel cold about 8 or 9

o'clock, and then the hands; ague, two or three hours later this morning; now slept profoundly, for two hours; and at 3 o'clock, ate some mush and milk.

Evening. Was afterwards seized with pain in the side; expectoration, bloody mucus. From the flatus discharged from the stomach, it must have been colic. A mustard poultice was applied, and gave relief. The pain shifted to the back, the poultice was renewed, and when the pain got relieved, a glyster was given. I left her at 10 o'clock at night, quite easy, and asleep.

21st. This morning she observes, she was in pain all night, and passed a great deal of wind upward and downward. At 8 o'clock, applied a blister to the back, and extended it to the side; expectorates freely; has brought up a little blood; pulse somewhat more active than in the morning usually; complains of nausea; only symptom of ague this morning was cold feet; face a little flushed, and nose red. Skin warm and dry when the feet became warm; tongue foul, whitish, and slight tint of yellow. The discharges from the bowels were full and free, but still could not get relief from pain. Two loose passages; first was pale, bilious mucus, with a little light-coloured sediment; the last I did not see, she said it was a good one; very faint after it; began to feel the blister immediately after the last passage, 1 o'clock; breathing hurried; sitting up seems to be the easiest posture for her; face pale; pain to-night quite relieved; breathing easy; expectoration free, and scarcely tinged with blood; she had frequent passages to-day; no vesication from the blister — re-applied; stools frequent. R. Tinct. lav. \mathfrak{z} i.; Tr. op. c. \mathfrak{z} ij.; Aq. \mathfrak{z} iv. Cap. \mathfrak{z} i. after each evacuation.

22d. She had one passage during the night, and took a dose of the above, which checked the discharge till 1 o'clock to-day; in getting to the chair she fainted. The mixture was then repeated, and she drank some wine and water; no chill this morning; has expectorated freely; cough much less troublesome; no return of appetite; has eaten nothing to-day; was restless last night. The second dose of the mixture produced no check to the expectoration; slight delirium — talkative.

Evening. Complains to-night of sore throat, roughness of tongue, and pain in the sternum; pulse but little quicker than natural, and more expanded.

23d. No sleep last night; cough troublesome; no passage in the night, but took a dose of the mixture; slept during this morning pretty constantly; no ague; fever did not rise till late, say 12 o'clock; has expressed a desire to eat birds; cough this morning increases with the fever; expectoration more bloody; has been drinking lemon-syrup and water, which she thought during the morning, produced the spitting; forbid the use of animal food; great desire this evening for ice; no passage since the night before last; the mixture was given erroneously. The nurse was

told to give it, if she should get up to the chair, supposing, if she did so, she would have an evacuation, and she continued it literally. Directed cold balm tea to-night.

24th. No evacuation last night; feels some uneasiness about the navel; nose and face red; rested the early part of the night; expectoration light-coloured this morning, not very troublesome; pulse moderate, soft. R. Magnes. ζ i.; Aq. ̄ viiij. Cap. cyath. vin. ̄ dâ quâque horâ. Took a dose at 10 o'clock. The redness of the face disappeared at 10 o'clock. At four, drank a small quantity of iced mint-julep, and chewed a bit of broiled bird; ate before, a few pieces of ice. She has been so weak this morning, that upon getting up to have her bed adjusted, she fainted.

Evening. The fever, she thought, was increased by the little juleps which she took; her expectoration is easier; mucus not discoloured and cough much less this evening; the magnesia has not operated; the fever began to rise, perhaps, about 4 o'clock, or a little later. She shortly after had the window and door left open, and wished she could lie on a bed of ice; she has taken the iced water very frequently this evening; her fever has subsided very much; pulse scarcely more frequent than natural, though small and weak. Expectoration free; cough much less; is entirely free from pain; skin still dry; she laid aside her iced julep of mint, after finding that it immediately increased the fever; tongue covered with a broad, whitish, sordid crust; edges clean; the tongue quite moist; intellect more distinct.

25th. She rested extremely well last night; took barley-water occasionally, and iced water; currant-jelly by tea-spoonfuls. This morning she had a very good passage. She only took one dose of the magnesia three times yesterday; tongue a little black this morning; skin hot. From her good night's rest, she has acquired strength inconceivable. She got up early, and dressed herself; she craved for her breakfast the strongest possible food, a piece of broiled fat bacon, which was allowed, and two cups of tea. About this time the skin became soft, with a slight moisture; pulse extremely slow, and I think not quicker than natural; she felt the want, no doubt, of some substantial nutritious support; cough not troublesome; expectoration of well concocted mucus.

Evening. Her food has agreed well with her; her thirst left her to-day; she abandoned the ice last night; was sensible of a little chill at 6 o'clock this evening; but it could not be a return of ague, as there was not the smallest arterial reaction, even two hours afterwards; pulse soft, slow, and skin cool. The weather has become very cold this evening. The wind shifted last night, from S.W. to N.E. She has eaten nothing since breakfast; her drink to-night, barley water; cough this evening a little troublesome, but expectorates pretty well.

26th. Was kept awake all night by the cough. The fever was scarcely discerned; this morning complains of great weakness; drank for breakfast two cups of coffee and one cup of tea, and ate

bread and bacon with great appetite. At 11 o'clock, came on an ague succeeded by fever; thirst as great as on Saturday; tongue somewhat dark in the middle, white about the edges; cough extremely troublesome, with some headache; it is not, however, dry; she expectorates light-coloured mucus. This fever corresponds with day before yesterday. The original type of the fever was tertian; no desire for ice to-day; slight talkative delirium; complains of the noise of company.

27th. No chill to-day; disposed to sleep; expectorates pretty freely; despondent; pulse more active than in the morning; eats nothing; drank two cups of coffee this morning; has used to-day weak wine-whey as common drink; needs a little stimulus; tongue not so dark; pulse this evening got less active; skin softer; *had a natural passage*, at half-past 8 or 9 o'clock. The cough has been all the evening urgent, but moist; she has expectorated whitish-yellow phlegm; drank a cup of tea, at 7 o'clock; the intellect to-day quite clear; no disposition to talk idly. R. Magnes. gr. xv.; Sp. æth. n., Tr. op. c. āā. ʒi.; Aq. ʒij. M. Cap. dimid. si stupis rex. h. alt. si opus.

28th. Was compelled, from the urgency of the cough, to take both doses, which gave her a night of perfect repose. The opiate has not stopped the spitting, only during sleep suspended it; she this morning, expectorates very freely; pulse quick; face not flushed this morning. Yesterday, there was a red spot on the left cheek for some hours; hands this morning not tremulous; not that catching motion in the flexor tendons, when the pulse is touched; tongue foul; her appetite better; she eat her bread with a cup of tea, and a cup of coffee for breakfast; she had a passage in the night, and two this morning, just after breakfast — light yellow, pale, fetid. At 2 o'clock, pulse pretty active; had drunk wine-whey, weak, during the morning; for dinner ate rice, seasoned with butter and salt.

Evening. At five, pulse soft; skin slightly moist, with an evident abatement of fever; no chill preceding the fever, notwithstanding her evacuations. She attempted to sit in the chair, about the middle of the day, and became so faint, that she was compelled to go to bed. Ate rice again this evening; fever rose this evening, after sunset; both cheeks, at 7 o'clock, much flushed; skin became dry and hot; cough frequent.

29th. Rested the latter part of the night, at intervals; fever more moderate this morning; cheeks not flushed; a very slight tint, almost imperceptible, on the right cheek-bone; drank three cups of coffee; pulse regular and soft, and scarcely quicker than natural; had a good passage, from which she felt much relieved, instead of fainting as usual; after breakfast, head quite clear; expectoration of whitish mucus well concocted.

Evening. Fever rose, and she complained of pain across the sternum when she coughed; it began about 12 o'clock; face much flushed; cough not increased; disposition to sleep; dozes constantly; she has been extremely irritable this evening; complains

of the noise of her visitants ; begs for an opiate, says, without it, she shall run mad ; says, that her stomach is sick, and that she is sick all over ; skin dry and hot ; coughs much ; pulse weak. Rep. Haust.

April 27th. Præscript. in vic. duob.

30th. She became quiet after she had taken the draught ; the cough, however, continued an hour at least, before she got to sleep ; she slept pretty well ; awoke in the night, and was almost suffocated, from the collection of mucus in the trachea : it was some time, before she could expel it. About the dawn of day, she ate heartily of sago ; sleeps this morning ; cough not troublesome ; pulse very weak ; face not flushed ; she did not require the remainder of the mixture of magnesia, N. æther, and paregoric.

Evening. The fever rose in the middle of the day, as usual ; intellect clear ; hands tremulous ; very tranquil ; expectorates a very thick, concocted mucus ; eats sago exclusively, but with no appetite ; does not complain of any pain in the sternum ; has made several attempts to have an alvine discharge, without effect ; face a little flushed ; cough loose. 3 o'clock, afternoon.

The skin became universally moist by 7 o'clock this evening ; cough troublesome, and continued so, till she was compelled to take the paregoric draught with Sp. n. and Magnes. The latter part of the night she rested. Complains again of pain across the sternum when she coughs ; no passage since the 29th ; skin perspirable ; face somewhat flushed ; fever. R. Magnes. ℥i. ; Aq. ℥i. M. Cap. statim. 4 o'clock. Cough, as night approaches, very troublesome, and expectoration very great ; no passage from the magnesia at 8 o'clock. To suppress the cough, she is obliged to bend her head down on the knees in bed ; pulse soft, and not much quickened.

May 1st. She had a glyster last night, from which two passages were procured ; she was relieved by them ; this morning, pulse weak ; skin perspirable ; still slight pain in breast ; ate breakfast with appetite. Complains of trembling ; cough being troublesome, and general irritation great, gave sixty drops of Tr. op. camph. at bedtime.

2d. She had a very good night ; complains of being chilly this morning, and felt so all night, from the change of the weather. Drank three cups of coffee this morning, and ate bread and butter ; pulse pretty active, most likely from the stimulus of food, and the paregoric last night ; cough only this morning very urgent, less so since breakfast ; she has sweated profusely to day ; face has been flushed and cough troublesome, but she is stronger ; ate for her dinner toast and cider ; procured a passage this evening by eating a few stewed peaches ; a spot of red on each cheek ; washes the mouth with cider, and brings off from the mouth and throat much sordid mucus ; pulse but little accelerated, and by no means tense, though the cheeks are a little flushed. Gave sixty drops of paregoric at bedtime.

3d. The paregoric draught suspended the cough, till 2 o'clock ; she was then annoyed by it for some short time, and slept again till the morning. She awoke without flushing, and her breakfast consisted of only two cups of coffee ; she had no appetite, for her head. Yesterday, she eat heartily, and drank three cups of coffee. The sputa early this morning, in the basin was frothy mucus ; since breakfast, a purulent, coloured mucus ; great muscular tremors seemed to pervade the system ; pulse weak.

Evening. Fever rose, and general perspiration ensued by 4 o'clock this afternoon ; pulse very weak ; the cheeks have been much flushed ; has drunk iced wine and water ; it has not accelerated the circulation, nor increased the cough ; complains of great prostration of strength. Tr. op. c. gtt. lx.

4th. Slept all night ; cough before breakfast excessive ; coughed but little after breakfast ; drank two cups of coffee, and eat bread and butter. About 9 o'clock, complained of great inward trembling ; sputa purulent, coloured, and not so thick ; no flushing this morning ; pulse weak ; skin hot ; eat some (six) raw oysters, with great appetite, two hours after breakfast. Directed wine and water for "the trembling inside." Drank a tumbler of wine and water by 11 o'clock, and ate a little ice. At this time the cheeks were observed to be flushed after a nap of half an hour, accompanied with a universal sweat.

Evening. She has slept very profoundly till dinner-time, and ate half-a-dozen raw oysters with appetite ; her cough has scarcely troubled her, since the morning ; her strength returns rapidly ; her skin universally soft and of moderate temperature ; she is able now to sit up in the easy chair without support ; the cheeks now only slightly reddened ; cough came on at night with great pertinacity, though the skin nor pulse indicates scarcely any fever. Haust. Paregor. rep.

5th. Slept well last night ; breakfast, coffee, and bread and butter ; drink, wine and water ; dinner, milk and rice ; supper, milk and rice, and all the symptoms still milder ; cough less, with easy and plentiful expectoration ; skin moist ; this evening there can be but little exacerbation ; there is scarcely any cough. Haust. i. gtt. 60. Paregor. repetend.

6th. Rested well last night ; had a long fit of coughing this morning ; after breakfast, perfectly relieved, and the cough appeased ; coffee for breakfast ; before breakfast, brought up a great quantity of thick mucus ; continues to grow stronger ; milk and bread for dinner early. To-night, cough excessive, but now and then expectorates freely. Haust. rep.

7th. She gains strength very fast ; drinks wine and water liberally, she thinks, with great benefit ; complains of burning in the palms of the hands ; fever slight this morning ; pulse weak ; she had the usual long fit of coughing early ; the wine and water relieve her long fits of coughing ; her bowels are quite open ; she had three passages this morning ; she has coughed less than usual to-day ; no flushing at all. Began to cough as soon as she got to bed. Haust. rep.

8th. Rested well; an ague came on this morning, which continued three or four hours; she, however, eat her breakfast as usual; the face flushed somewhat, but the pulse did not rise very considerably; her thirst was greater than for several days. She drank the cold infusion of balm, instead of wine and water; ate milk and bread for dinner. *Haust. rep.*

9th. No chill to-day; cough very much diminished; no relish yet for tea; eaten coffee and bread and butter for breakfast; milk and bread for dinner. *Haust. rep.* Drank no wine to-day.

10th. Rested extremely well last night. This morning, chill lasted three or four hours; did not eat her breakfast till 1 o'clock. About twelve, skin became perspirable. The nervous tremors still continue. The muscles of the arm were under so little command this morning, that she could not carry a spoon to the mouth, and she was obliged to drink out of the bowl in taking her coffee; notwithstanding she strengthens; she is able now to walk across the room; cough continues to abate. *Haust. rep.*

11th. Slept not last night; cough very troublesome; expectoration great; this morning, pulse a thread. Advised breakfast. She feels no appetite; coffee may excite her beneficially; has been extremely weak to-day; very little fever. *Haust. rep.*

12th. Rested well last night. This morning cough very troublesome; after breakfast, skin rather hot; complained of chilliness just before; pulse weak, very tremulous. Directed wine and water instead of the lemonade, which she drank largely for two or three days. Her taste nor appetite natural; has eaten hot rice and milk for dinner and supper. *Haust. rep.*

13th. Had her usual fit of coughing this morning; to-day, better in every respect; coughs but seldom, and seems to have but little to contend with but debility.

Evening. This evening has drunk for the first time three cups of tea, with perfect relish; for the first time since she was taken sick. The cough is getting troublesome. *Haust. rep.*

14th. Rested very well last night; complains of every thing she eats or drinks griping her; wants a free passage; of her own accord will take, to-day, syrup of dry peaches; cough, whenever she lies down, urgent; has drunk no wine for two or three days; stomach flatulent; the syrup of peaches increased it. *R. Magnes. gr. xv.; Ol. menth. pip. gtt. i.; Aq. ñiss. M. Cap. statim. 12 o'clock.*

Evening. Derived great relief from this draught: it warmed the stomach, quieted the griping, and rendered a lying posture easy. This evening, the usual fit of coughing did not come on, and she went to bed early, and slept profoundly till 10 o'clock, or later. She then took the *haust. Paregor.*

15th. Rested well last night; drank tea for breakfast; feverish this morning, but cough continues to subside; felt a little of the griping during the night; it has been slight this morning; supposes it might be occasioned by the cold milk which she has eaten; when

she ate boiled milk and bread, did not suffer from it ; means to eat oysters to-day.

Evening. Cough returned. H. rep.

16th. Griping and nausea ; some small bilious evacuations in the night. R. Magnes. gr. xv. ; Ol. menth. gtt. i. ; Aq. $\bar{3}$ iss. Ft. h. Bowels relieved without evacuation. H. Par. rep.

17th. Cough very troublesome this morning ; obliged to rise early ; sputa purulent ; griping came on again ; and was immediately this morning relieved by the magnesia and mint-water ; pulse extremely full ; eat oysters ; eat yesterday, for dinner, chicken-pudding ; it disagreed with the stomach, and increased the cough ; complains of burning in the palms of the hands ; ate lamb for dinner. Haust. rep.

18th. Cough troublesome this morning ; spit some bloody mucus ; griping. Haust. Magnes. $\bar{1}$. Aq. menth. gtt. iss. Rep. haust. Paregor. rep.

19th. In consequence of abstaining from meat yesterday, and having eaten milk for dinner, her appetite for her breakfast this morning was very much increased ; she drank a bowl of coffee and a cup of tea, and ate bread and butter. Her sputa have contained less of the streaks of blood, and she has experienced no griping ; she is now able to walk about the room ; complains a little of stiffness about the hands ; except this, she has no complaint besides the cough. For her dinner to-day, she took thickened milk. Haust. rep.

20th. She omitted the anodyne draught last night, and took peppermint with magnesia — the stomach being oppressed with wind ; had a very long fit of coughing this evening.

21st. Has not had a passage for two days. R. Magnes. $\bar{3}$ ss. ; Aq. menth. $\bar{3}$ ss. M. rep. noctê. Continues to mend.

22d. She ate veal for dinner yesterday ; her cough was less troublesome in the night ; allowed the same to-day. The paregoric draught has been omitted for three nights. She has rode to-day, and yesterday was at work. She may be considered convalescent.

23d. Her appetite is good ; cough scarcely incommodes her ; she is at work ; no other complaint ; has no occasion for medicine.

24th. Ordinary diet of health.

29th. The cough is not troublesome ; expectorates freely ; feels a little pain about the hamstrings ; the griping for the last two days has been troublesome, though the appetite is good. R. Tr. rhei comp. $\bar{3}$ ij. ; Aq. $\bar{3}$ i. Cap. dimid. meridiê et alt. vesperê.

30th. Her cough does not disturb her in the night, but the pains in the legs prevent her repose ; she is made restless by the pains, and is obliged to move them frequently about in bed ; her feet and ankles swell ; the griping continues to molest her after everything she eats. Directed her to discontinue the use of corn bread, and to use wheat bread exclusively.

June 6th. The bowels are now much disordered ; appetite very good ; pulse quick this evening, with some fever ; face pale ; griping to-day extreme, with frequent, ineffectual, mucous passages ; has eaten imprudently, at breakfast, hot bread and butter, and corned fish with coffee ; dinner, veal-collops ; has taken heating drinks to afford temporary relief ; when the griping comes on, it produces headache.

7th. R. Sal. amar. ζ iv. ; Ol. menth. gtt. ij. ; Aq. ξ iv. ; Cap. dimid. After taking the two doses, it operated well, and relieved the griping.

8th. She has felt not the slightest griping to-day, since 12 o'clock ; no fever this evening ; pulse weak ; skin moist ; cough very troublesome ; has not eaten any animal food to-day. Dined on mush and milk.

9th. Has been at work all day ; no complaint from her.

12th. She has resumed the ordinary diet of health, and her usual exercise and occupation.

CASE. Mr. —. Anomalous case of Influenza. March 23d. Mr. — was limping about on the 20th and 21st with a pain in the right knee, with no swelling. On the evening of the 21st, he was seized with an ague, and took a dose of calomel, and the next morning a purge. On the night of the 22d, he was seized with a pain in the right side, very low down in the hypochondriac region ; no cough ; and the pain then got easy in the knee. This morning I saw him ; he had very slight fever, and the side was very painful ; he ate yesterday, for dinner, turnip-salad, and at night some shad ; and I supposed it might be colic, from indigestible food. I gave him a dose of castor oil, and directed a sinapism to the part affected ; the oil operated well, bringing away bilious passages ; the poultices relieved the side of the pain, and it fixed then in the little toe of the left foot ; it was inflamed — but slightly swelled ; peach twigs boiled in water, and applied as a bath ; relieved it, and the side became again pained. Fever rose, and tongue white ; thirst ; no headache all this while ; ate two crackers, and milk for his dinner ; he was in bed all day the 21st ; moved about after the medicine operated. Suppose it may be a tertian in disguise, wearing the form of a slight inflammatory influenza. Calomel, gr. vi. h. s. Re-apply the sinapism : if pain great in the night, apply a blister.

24th. Blister was applied, and drew well ; only feels the soreness from blister ; the other pain relieved ; the little toe (the left one now painful) not swelled or inflamed ; no sleep for two nights ; tongue white as a sheet ; calomel operated three times, and oil was given, which has also operated well ; pulse quick, and great anxiety ; wishes the blister dressed, although it was dressed early this morning — now 8 o'clock.

Evening. Inflammation from toe up the metatarsal region ; great pain ; fever and quick breathing.

25th. Had a good night. He was given a pill of opium, and used a solution of the acetate of lead. Pulse less quick consider-

ably; weak also; tongue still very white; no headache or sick stomach; wants a julep. I imagined that it might be rheumatism, and was myself afraid to give opium yesterday evening; supposing I might run the risk of its translation to the heart, or other important organ. 1832.

CASE. Mrs. ——. Oct. 30th. Was called to Mrs. —, who complains of pains in bowels, and discharge of blood; nothing but blood.

Noon. Called at noon; medicine had not operated; complained of pain in right side, just under armpit, reaching to the elbow; with difficulty putting the arm from under cover; also of cough, which she has had for three or four days; does not expectorate; tongue slightly furred; pulse in left radial artery very little quickened, and rather feeble; full and firmer in right wrist. She took a large dose of salts, and as she feels sick, did not repeat them; but directed a mustard poultice to side affected. She thought she had a chill last night; no discharge from bowels. Calomel suspended the bloody passages completely. Symptomatic Pleurisy?

Evening. Medicine just operating; poultice did not draw.

31st. Cough continues; pain shifted to left side, under ribs; apply warm towels.

Evening. Rise of fever very early; face flushed; pain in belly left her. Cal. gr. iv. h. s.; Seidlitz powders in the morning.

Nov. 1st. Very little fever; rested badly; sick stomach in the night; very near puking the calomel.

Evening. Engaged in her usual occupation.

2d. Pain again shifted from left side to the neck; pulse full, and a little frequent. The Seidlitz powders have operated; cough continues not so bad.

Evening. Took two doses of Seidlitz powders before they operated; fever lower; but pain returned to shoulder and side under the armpit.

3d. Ague last night, and high fever; lower this morning; pain increased; symptoms so great as to induce sweating; seems to expectorate a little; the pained part will not easily bear pressure; thirst. Drink lemonade, and sinapism to side; she has had no sick stomach.

Evening. Pulse reduced, and heat and cough much less; she thinks she has agues. Directed Cal. gr. vi. to be taken late; supposing there would be a rise of fever.

4th. The ague or chill continued till 11 or 12 o'clock, last night, when the calomel was given. Now twelve, meridiê, and no evacuation, although a Seidlitz powder was taken, at breakfast-time; face pale all the morning, and pulse slow; this pain hurts her, when she breathes, although her breathing is perfectly easy, as to sound; her cough is not frequent; she coughed once, and expectorated a little mucus, while I sat with her, and her pains

appeared to be increased; face beginning to be flushed a little. Directed a mustard poultice, inter-scap. statim, and a Seidlitz powder, in an hour or two, if necessary.

Evening. Expectorates more freely; only a small evacuation. Directed another powder; pain not so great, but still annoying.

5th. Pain in shoulders, and down the arm still, and extending from the ankle on one foot, to the little toe; cough; no sleep last night; no fever.

Evening. Fever rose; thinks the skin is off the back, from mustard poultice. Cal. gr. iv. h. s.

6th. Rested better; is sitting up in bed; pain more about the back of the neck; some fever; no operation from medicine. Rep. Seidlitz at twelve.

Evening. Has taken three doses; fever low; better in all respects; could not turn her head by her own exertions, till this evening; but it was turned by the hand of the nurse.

7th. She had last night, after I left her, a severe ague; fever succeeded, with no perspiration ensuing. This morning, she is much better; her pains generally easier, but neck stiff; fever, though no perspiration, appears to be off, or nearly so. She had a chill three evenings since, she thinks, constituting a quartan ague, which she had last Fall; her general appearance is better, and her usual manner has returned.

Evening. Slight return of fever; but sitting up; face a little flushed.

8th. Did not sleep; no fever; gums and tongue a little sore; rheumatic pains continue better; but neck very stiff; had fever during night; tongue covered with thin, yellowish-white deposit. A Seidlitz powder now, and at noon, if necessary.

Evening. No fever; gums and tongue very sore; no mercurial fætor; took two doses before it operated.

10th. Has very little remains of her pains; her appetite is good; ate oysters this morning; teeth sore when put together; no salivation; nor do the gums appear sore. She is convalescent. Catarrhal Fever. 1833.

CASE. Betsy, a servant. Jan. 3d. Felt as if she could not eat breakfast, but forced down some fresh pork; she has a catarrh; saw her at 5 o'clock this evening; found her lying on the floor. She had been puking, and drank warm water; threw up phlegm; pain very acute about the region of the stomach; had a small ineffectual passage this morning; fever. Directed a laxative glyster, and gave her immediately Calomel, gr. x. in pills. If not relieved by 8 o'clock, desired them to send for a blister. She has lately complained much of pains in her shoulders.

15th. Calomel operated all night; she was much griped. Has taken salts this morning; she also puked in the night. Has pain in the left side, and cough, and hoarseness, with quick pulse, and dry and hot skin.

15th. Rested better; salts only operated once; brought away a good deal of foaming yellow bile; applied a sinapism to side. Much easier this morning; rested last night. Better, in every respect.

Evening. Cough troublesome; fever continues, and pain but slight. Cal. gr. iv.; no passage to-day.

16th. Medicine operated.

17th. Convalescent. No pain in side. 1835.

CASE. Mrs. ——. Catarrh for several days, which was attended at first with headache; she took a dose of salts, and was relieved by it; she had an ague last night. Now without any headache, and complains of pain in the right shoulder-blade, through to the right side; at the pit of the stomach, and around from one part of the diaphragm to the other; cough still painful and ineffectual; pulse very full and frequent, and probably strong. Venesection till she felt faint, and the pulse was very much reduced; blood very dark; after lying down a few minutes, she expectorated, and the pulse rose again.

Evening. She has applied sinapisms; pulse still rather active, with some perspiration; she says, she is not in quite as much pain, as before venesection. Calomel, gr. v. h. s.

May 5th. Pulse still quick, with some fulness; pain in shoulder-blade and side, better; expectoration copious; took salts this morning; that and calomel have operated; cough very troublesome, although the spitting is so free. The pains were much relieved yesterday after venesection, by the application of sinapisms. Drink, barley-water.

Evening. Cough less troublesome, but tightness about the breast; pulse tense and frequent; skin open.

6th. Cough suspended during night; pulse less tense; expectoration free. Barley-water; oranges.

Evening. Exacerbation of fever at 10 o'clock. Rep. Cal. gr. ix.

7th. Cough did not disturb her last night, and as usual, expectorating this morning; medicine had not operated. Directed Cre-mor tartar-water; pulse quick.

8th. Skin dry all night, but rested pretty well; this morning, cough troublesome; skin dry; pulse quick. $\frac{1}{2}$ gr. of Tartar emetic o. 2 h.

Evening. First dose puked her; took half-doses since. At eight, she will take four grains of Calomel, with half a dose of Tartar emetic; feels the usual tightness about the breast to-night, though the skin is moist; pulse quick.

9th. Medicine has operated; expectoration much less this morning; pulse not so quick. If any stricture should come on the breast, directed her to resort to the tartar emetic; after the medicine had finished operating, it would have a perspiratory and expectorant effect.

Evening. Stricture about the breast; pulse very much quicken-

ed; expectoration much less. Resume the tartar emetic solution, and take a table-spoonful occasionally.

10th. Less fever; has taken two doses of the solution; coughs and expectorates less.

Evening. Has spent a bad day; expectoration very much suppressed, and cough troublesome; pulse quick and rather hard. Cap. Cal. gr. iv., with ℥ij. Solution of Tartar, h. s.

11th. Expectorates this morning; medicine has operated; pulse still too quick. This is the ninth day; chill third.

Evening. Pulse fuller, and less quick, perhaps.

12th. Less fever; looks yellow; cough still troublesome.

Evening. Pulse pretty active; but little stricture of breast; postponed calomel, unless cough and tightness continue, then take it in the night.

13th. Pulse less active; fever giving way; took a Seidlitz powder this morning; no effect yet; directed the repetition *si opus sit*.

Evening. Better, though medicine has not operated. Go on with the aperient, and if tightness of chest continue, calomel to be taken. Catarrh. 1835.

CASE. A boy. May 17th. Exposed to a current of moist air on the 15th. Cough since the measles. Complained yesterday of pain in the right axillary region; sick stomach. Salts and magnesia; operated, and fever went down in the afternoon; rose again early in the night. Gave Calomel, gr. vi.; operated four times; dark passages. This morning cannot lie on either side, and cannot put his hands to his head; cough not troublesome; but when he coughs, pain in the same region, to which had been applied sinapisms. One tea-spoonful of salts in a wine-glassful of water.

Noon. Salts have operated; pain and fever subsided, with softness of skin.

Evening. Salts operated "finely"; perspiration; return of appetite; fever nearly off, and pain in side and cough slight.

18th. Mr. — thinks, he had a chill last night; skin moist this morning; pain of side slight. A tea-spoonful of salts, in a wine-glassful of water.

Evening. Three doses of salts; two evacuations. Advised another dose of calomel to-night: fever risen since eight this morning; flushed face, and pain in left shoulder.

19th. Rested well; pain considerable, now 1 o'clock, in side; cough dry; calomel operated. Directed another dose of salts, to prepare him for a blister to-night; perspiration. Perhaps rise of fever this morning.

Evening. Has been asleep three hours, and is again in a perspiration to-day.

20th. No return of fever to-day. Bilious Catarrh. 1837.

1823. April 27th. The powerful effect of calomel was exemplified in catarrh, in Mr. ——'s little daughter, to-day. Last night her fever was high, attended with cough and nasal obstruction, with most hurried respiration. I saw her this morning, and gave her a dose of calomel, which operated five times, and this evening she is completely restored, and walking about. It may, however, turn out a remittent, like many of our catarrhs this spring. They have all been cured by calomel, with subsidiary aperients.

CHAPTER IV.

COLIC.

CASE. Mr. ——. Was attacked nine days since with colic, which was occasionally relieved by taking large doses of laudanum. On the fifth day was called to him with fever; and found him writhing under pain, which was seated about the umbilical region. I directed Opii, gr. ij., and a sinapism to the part affected: repeated the opium in the evening. The next day the pain returned, and I repeated the pill. During the eighth and ninth day, perfectly free from pain and fever, but complained of incessant nausea; skin very much jaundiced. On the eighth, gave two doses of Ol. ricini, which only procured two slight evacuations, with no remission of nausea. On the ninth, gave the Inf. sennæ. i. Sal. amar. and Cr. tart. ℥ij., about the third of a full dose, which operated in the course of the day four times, but still nausea. Applied a sinapism to the epigastrium, which acted powerfully, without producing any abatement of nausea. The tongue has been white for two or three days, although the pulse indicated nothing like febrile action. Has taken no opium for two days: on the days of taking opium, gave a glyster. The stools from the purge to-day were loaded with bile, but the jaundiced appearance the same.

13th. Tongue blackish; eat rice all day yesterday; less nausea; the effects of the opium appear to be wearing off.

19th. The stomach has been weak ever since he had the colic, attended with costiveness and nausea. R. Epsom salts, ℥i.; Senna leaves, ℥iij. i. Fennel-seed, ℥ij.; Water, ℥vi.; Cr. tart. ℥ij. Post. coquend. Cap. manê.

March 28th. He was seized last night with a violent ague, pain in the side and puking, succeeded by fever, with full pulse. He rejected his dinner in an undigested state, with a quantity of thick mucus. Cap. Opii, gr. ij.; this, it is probable, he discharged from his stomach. Injiciend enem. vulg.; had a passage. Cap. gr. ij. in Aq. solut. repetend. Injiciend. Tr. opii, ℥ij. i. Aq. calid. ℥iv. This producing no effect, and the pain returning to its old seat in

the umbilical region, and raging with great violence, attended with full, frequent, and strong pulse, I took from the arm \mathfrak{ss} . of blood, which relaxed the spasm, and he afterwards was perfectly easy. A large sinapism to the umbilical region.

29th. Has had a slight moisture, with no return of pain; feels better than usual, after attacks of colic; has not passed the opiate injection; pulse slow and weak; tongue white; somewhat brown in the middle; complains of no nausea; universal itching. His bowels have been slow ever since the last attack of colic; his skin yellow, and stomach weak.

30th. Very little fever this morning; much nausea. Gave calomel, gr. x. in a pill last night, which has not operated; repeated the dose this morning; slight pain in the right hypochondrium; calomel did not operate. Gave a glyster, at 7 o'clock; large passage.

31st. Had three passages during the night, but the nausea this morning is extremely distressing; pulse natural; tongue more moist and white; yellow tint increased.

April 2d. No fever; nausea continues; stronger; ate ice all day yesterday.

14th. Has complained of nausea till within the last three days, and an itching pervading the skin generally, which has been very much suffused with bile; none, however, reached the intestines; the stools have been small and white. Had an attack on the fifth of the month, which was removed by five drops of laudanum. Directed the following pills. R. Sodæ, gr. xxxij.; G. Arabic, gr. viij.; Aq. font. q. s. Ft. pil. viij. Cap. 1 ter diê. Super bibendo cyath. Theæ Chamom.

15th. Cap. Ipecac. gr. xv. Operated three times, and brought away nothing but the water which he drank; no appearance of bile. His appetite good.

17th. P. Basilii, gr. xxx. Produced two copious evacuations.

19th. Yellowishness and itching of the skin still continue. Cap. P. ipecac. gr. xxiv.

This patient was at last relieved by gout for the first time, at the ankle-joint. Bilious Colic. 1811.

CASE. Mr. ——. October 5th. He has laboured under colic for several days; his abdomen was much distended; the pain most commonly about the right hypochondrium and epigastrium; was attended with no puking; it sometimes diffused itself over the whole belly. He took repeated glysters, which would sometimes remain the whole night without being expelled. The second day he had a dose of castor oil, which gave him only two passages. The pain recurred in the evening with great violence, and continued for two or three days afterwards, being only occasionally mitigated, by giving twenty-five or thirty drops of laudanum every one, two, or three hours. Having a respite during the last day, during the night, he took in the morning two

tea-spoonfuls of tincture of jalap in mint-water, which produced several bilious passages the following day, and kept the bowels open for two days. He complained of pain in the right side and shoulder, which continued; fumigating bath was used without effect. His tongue became foul, covered with a whitish, bilious coat before he took the P. jalap, and continued so. The night before he took the jalap, passed wind downwards, several times, a resolution of the spasm appearing to have taken place. The pain was so violent he could not lie down, but was supported by pillows. His pulse was accelerated by the opium probably, and his thirst was great; but drank little, fancying that he might bring on the pain. Glysters of Castile soap and water, had more effect in discharging wind from the bowels than any other; but there was little appearance of fæces, till he took the jalap. The day before he took it, Cr. tart., Magnesia, $\text{āā. } \zeta\text{i.}$, without effect. A blister was applied to the hypochondrium, without the desired effect, though sore several days. 1815.

CASE. Mr. —. September 26th. Was taken with flatulent colic; the pain was seated in the umbilical region. He took, in the morning, a good deal of melted lard to procure a passage, without effect. He then had recourse to laudanum, and took a tea-spoonful, which was repeated, and both doses rejected from the stomach. At 2 o'clock, P.M., he was given sixty drops of laudanum, which he retained. In a short time afterwards, he was given fifteen grains of calomel, and a blister was applied to the belly, after bathing it, with a very strong preparation of Cayenne pepper. The calomel did not operate; the pain continued. At 6 o'clock, he took Ol. ricini, ̄iss. ; at eight, to promote the operation of the oil, he was given injections; they were repeated; passages were at last procured; and brought away some of the roasted corn which he had eaten the day before. The pain still continued; he was immersed in the warm-bath very late in the night, without effect.

27th. Early in the morning, after suffering a night of agony, the pain subsided in the umbilical region, and began in the stomach. The blister on the belly had drawn well; and with great difficulty, he had discharged, during the night, a considerable quantity of bilious mucus, and some undigested corn; a few grains. He lay on his back, and could not turn himself. Between the spasms he slept; but they were so frequent, that he was almost exhausted; the respiration was short and hurried, and the abdominal muscles were in violent action, and this kind of respiration continued during the day, till I left him; his cheeks were very highly flushed, though the skin very dry; his feet were so hot, that he kept them out of bed. The pulse did not show such excitement, as corresponded with the heat of skin. He took, during the morning, every two hours, Tr. op. c. ̄ij. ; Sp. æth. n. ̄i. , and Ol. menth. p. gtt. ij. , for three doses. At 3 o'clock, he was given Opium, gr. ss., and Cam-

phor. gr. i. I left him, at half-past five; he was not then so insensible; he had occasionally a desire to go to the easy chair, but was often disappointed, from an inability to discharge the fæces. He frequently cried out with the spasm in the stomach. We re-directed thirty drops of laudanum at bedtime, the warm-bath, and glysters; a pepper-poultice was applied; mustard would not act.

28th. Visited him; he had passed a night of profound sleep; had several free discharges by the bowels, and supposed he had discharged the corn. This morning he was much better; the pain in the stomach was now and then slightly felt, and the thirst was still great; tongue clean; it had not been otherwise during the attack; he had a great desire for cold water, and ice; the ice was not allowed. He was recommended to drink hot water; his thirst yesterday was extreme; he was allowed, night before last, to drink now and then, during the night, a swallow or two of cold water; but since, it was prohibited. He was considered convalescent; no fever; pulse temperate.

CASE. Mr. ——. June 20th. Was attacked with flatulent colic this morning from eating peas yesterday at dinner, and changing her dress to a thin one. Continued belching wind till 5 o'clock this morning, and having small alvine discharges, without giving any relief; the pain increasing about the umbilicus, a glyster was given, which produced a great eructation of air, but no discharge from the bowels. The pains did not shoot, but were occasionally very sharp. We then gave *Ol. ricini*, $\bar{3}$ ss. $\bar{1}$. *Aq. menth.* About twenty minutes after she had taken the oil, she could not resist puking, and brought up some pieces of bacon and greens, which she had eaten yesterday at dinner, with viscid mucus, and some other contents. I then gave a tumbler of warm water, and afterwards a small tumbler of toast water; her stomach felt composed after puking, and the pain below the stomach a good deal relieved. She slept an hour or two, and then, about 8 o'clock, had a very large passage, preceded by a disposition to puke; she felt but little pain, and fell asleep. Pulse has been full, quick, and active from the time I first felt it, about 3 o'clock. She awoke about 10 o'clock, and said she felt quite relieved.

21st. She slept most profoundly last night. This morning she was as usual, but no appetite for breakfast.

22d. But little appetite.

23d. Return of natural appetite; quite well.

24th. Costive since the C. oil. No cathartic to-day. 1818.

CASE. Mr. ——. April 27th. Mr. ——, after drinking a glass of porter, was taken with pain in the breast, and flatulence; some time after he ate his dinner, and feeling a slight nausea, he puked it. The pain in the breast increased, and appeared over the whole breast-bone and shoulders; complained of coldness, particularly the hands; face flushed; pulse not much affected. He took some

Ess. peppermint, and threw, with some difficulty, some gas from the stomach; he was restless. I applied a hot brick to the breast and shoulders. Immediately a large mustard poultice, of equal parts of mustard and meal, and mixed with vinegar, was applied over the sternum and ribs; it remained on an hour. Before this application, he drank one pint of hot water, and solicited puking, by putting his finger down the throat, without effect. After he applied the mustard, he drank a pint of strong ginger tea; the pain continued fixed. I then had a glyster, with a very large quantity of molasses, sweet oil, and salts, dissolved in gruel, administered. The pain then moved down to the navel. He then got to sleep. When he discharged his dinner from the stomach, it was not accompanied with the taste of the porter. Shortly after I left him in the evening, he took another glyster, which effectually relieved him.

28th. This morning, he felt some confusion of head; pulse a little quick, and heat about the skin. He had been previously, for several days, complaining of some biliary symptoms; he thought he could taste the bile in the morning; yesterday week, he debauched with wine. Castor oil, with spirits.

29th. Slight return this evening, from drinking imprudently of fermented liquor. Direct the pediluvium, a cup of ginger tea, and a dose of the castor oil to be repeated in the morning. His breast is still inflamed and sore from the poultice — it at last ulcerated; no return of spasms. 1818.

CASE. Mr. —. September 26th. Was taken with flatulent colic; the pain was seated in the umbilical region. He took, in the morning, a good deal of melted lard to procure a passage, without effect. He then had recourse to laudanum, and took a teaspoonful, which was repeated, and both doses rejected from the stomach. At 2 o'clock, P.M., he was given sixty drops of laudanum, which he retained. In a short time afterwards, he was given fifteen grains of calomel; and a blister was applied to the belly, after bathing it with a very strong preparation of Cayenne pepper. The calomel did not operate; the pain continued. At 6 o'clock, he took *Ol. ricini*, $\bar{3}$ ss.; at 8 o'clock, to promote the operation of the oil, he was given injections; they were repeated; passages were at last procured, and brought away some of the roasted corn, which he had eaten the day before. The pain still continued: he was immersed in the warm bath very late in the night, without effect.

27th. Early in the morning, after suffering a night of agony, the pain subsided in the umbilical region, and began in the stomach. The blister on the belly had drawn well, and with great difficulty he had discharged, during the night, a considerable quantity of bilious mucus, and some undigested corn — a few grains. He lay on his back, and could not turn himself. Between the spasms, he slept; but they were so frequent that he was almost exhausted;

the respiration was short and hurried, and the abdominal muscles were in violent action; and this kind of respiration continued during the day, till I left him; his cheeks were very highly flushed, though the skin was very dry; his feet were so hot, that he kept them out of bed. The pulse did not show such excitement as corresponded with the heat of skin. He took, during the morning, every two hours, Tr. op. c. ζ ij.; Sp. æth. n. ζ i., and Ol. menth. p. gtt. iij., for three doses. At 3 o'clock, he was given Opium, gr. ss., and Camphor, gr. i. I left him at half-past five; he was not then so insensible; he had occasionally a desire to go to the easy chair, but was often disappointed, from inability to discharge the fæces. He frequently cried out with the spasm in the stomach. We directed thirty drops of laudanum at bedtime, the warm-bath, and glysters: a pepper poultice was applied; mustard would not act.

28th. Visited him; he had passed a night of profound sleep; had several free discharges by the bowels, and supposed he had discharged the corn. This morning, he was much better; the pain in the stomach was now and then slightly felt, and the thirst was still great; tongue clean; it had not been otherwise during the attack; he had a great desire for cold water and ice; the ice was not allowed. He was recommended to drink hot water; his thirst was yesterday extreme; he was allowed, night before last, to drink, now and then during the night, a swallow or two of cold water; but since, it was inhibited. He was considered convalescent; no fever; pulse temperate. 1818.

CASE. A servant. Feb. 28th. A servant of Mr. — was taken early this morning with colic; the pain grew so intense about his umbilicus, that he could not straighten his body. They had given him two table-spoonfuls of castor oil and an injection, without effect. I found him on the chair, trying to effect a dejection, but his efforts were fruitless. I had a very large sinapism applied to the abdomen, the position of which was immediately over the umbilicus. He had a good passage, as soon as the mustard acted. I called on him about 4 o'clock in the afternoon, and was informed by the nurse, that he had had five passages. He was quite relieved. They had removed the poultices. 1819.

CASE. Peggy, a servant. Aug. 2d. Was taken yesterday suddenly, about noon, with a most acute pain in the hypogastric region, with an immense distension of the belly. She could not bend her body, and was obliged to sit erect. I had flannels wrung out of hot whiskey and applied in succession, and a glyster was given as soon as it could be prepared, which procured two evacuations. The spirituous applications were continued, till she got much relieved. In the evening later, her pulse rose, and was somewhat quickened, and she felt some confusion of head. In the morning, or shortly after the accession of pain, she had not the slightest fever. Her bowels had been costive, and she had been

indisposed for several days. I advised, last night, a dose of castor oil, but she postponed it till this morning, very early. It did not operate till 12 o'clock. She had, at that time, two passages, and felt much relieved, and was working it off with gruel, sweetened with molasses.

The weather, for several days, has been unusually dry and warm. Every case of fever (tertians generally), though they have been few, for which I have prescribed, has been attended with intestinal irritation, puking of bile, purging, dysentery, &c., &c.

This *hypogastric colic* above, attending pregnant and menstruating woman. Peggy has been long subject to fluor albus. Mild purgatives were used in the febrile cases; no miscarriages ensued. When the puking and purging produced exhaustion, half a grain of opium had the certain effect of checking them. The biliary discharges were so copious, in a case or two, that I did not venture on this small dose of opium, till I found them less bilious, or assuming a more dilute appearance.

3d. She had three more evacuations in the afternoon, after I left her. She had a slight fever during the night. This morning is engaged in her usual occupations, and is well.

The following is another case of this species of colic. Dolly, a servant. Aug 3d. Has complained of *pain in the hypogastrium for two or three days*. Has taken salts, which had but little effect; belly swelled; pain coming on at intervals; feels a disposition to sleep; dozes, and is awakened by the return of pain; feverish; pulse quick, and somewhat full; has puked frequently to-day. Her mistress attempted salts to-day in broken doses: yesterday, she took a full dose. Glysters have been administered, and fomentations used. She had, this evening, a good passage after the injection, and the puking ceased. Finding the belly tender upon pressure, and she complaining of soreness, and there appearing much fulness, I directed the following: — R. Ol. ricini, ℥i.; Ol. menth. pip. gtt. ij.; Sac. alb. ℥i.; Aq. ℥ss. Cap. statim. This was immediately given, and a large mustard poultice, made weaker than common, merely to excite slight irritation, to promote the operation by sympathetic association of the oil. She has been menstruating during these two weeks, and has slight remains of it. Mrs. — supposes *this attack induced by sleeping in a wet room*, while in this state.

4th. Better this morning; she ate her breakfast without rejecting it afterwards. The oil operated well, and procured relief.

6th. This relief has been permanent. I have not seen her since the night I ordered the castor oil; but I am informed, she is convalescent.

These cases, perhaps, were not connected with the tertian fever of the season. The first case commenced without fever. Most cases of colic, as well as cholera, are succeeded by some increase of arterial action. Hypogastric Colic. 1819.

CASE. Mrs. —. June 22d. From eating chicken-pie with a rich crust, was taken with pain in the bowels in the evening, with slight nausea, which continued during the night. She took this morning, a dose of Epsom salts; they operated well. But this evening, she still complains of sharp spasms every now and then in the bowels; indeed, the pain has not been relieved by the evacuation. The skin is hot, though somewhat moist; pulse quick. Directed a dose of paregoric, and a bottle of warm water to be applied to the stomach when she went to bed. She has not been able to eat anything to-day. I forgot to mention that she took a dose of magnesia in the evening that she was attacked, which, she said, made her worse instead of better, and did not operate.

23d. Well. 1818.

CASE. Mr. —. April 10th. Was seized, early this morning with a sudden and acute pain in the right flank, near the vertebral column. He had as usual a small passage last night, about bedtime. Before he retires to bed, it is a general rule with him, to solicit, if possible, a discharge of wind and fæces from the bowels. He felt an irritation in the throat, that indicated some acidity of stomach, for which he took a large dose of magnesia. He felt a disposition to have a motion this morning, and drew on his clothes, went to his closet, and passed a copious stool. On returning to his chamber, he again felt an impulse to deject, and in the act, was attacked on the spot above mentioned, as if he had been shot with a pistol. He took half a glass of cogniac brandy, and not finding immediate relief from it, he repeated the dose, which produced a short respite; but the pain, in a very short time, returned with violence. I gave him twenty-five drops of the tincture of opium, with some nitrous ether, in mint-water; and in some time after, ten drops more; then thirty-five, and lastly, fifty. These draughts were thrown up by eructation; it could not be called puking, from his experiencing no nausea. I then gave him one grain of opium, with two of camphor in a pill, twice; both doses were rejected; the pain extending across the abdomen to the navel, and from there in a straight line above the pit of the stomach. Bottles of warm water, and sinapisms, were applied over a very large surface, without much effect. I gave him repeated glysters, but they were administered with great difficulty, owing to a contraction of the rectum from chronic piles, or from sympathetic action. He passed finally a small lump of excrement. I repeated the pills of opium and camphor twice again, at the interval of two hours. They were retained, and gave him a good night's rest. In the first part of the morning, his pulse was so weak as scarcely to be felt. It was preternaturally slow during the greater part of the day. His tongue was foul, which, he observed, was habitual. He discharged a great deal of wind from the stomach in the morning,

and brought up two pieces of carrot, the remains of the dinner yesterday.

11th. The pain recurred this morning, at 9 o'clock. I repeated the pill, which procured relief till 2 P.M. The pain then coming on, I gave another, and he was easy till eight, when it was repeated, and again in the night. He had, during this afternoon, a frequent desire to discharge wind and fæces, which was attempted in vain; and he could only pass a little urine, with great difficulty. Glysters of soap were tried, without effect. I have generally found them more certain, in producing alvine discharges, than the common laxative glysters—in colics, particularly. The strangury has been a troublesome symptom throughout this attack. It may be habitual, and may arise from a diseased enlargement of the prostate gland.

12th. He did not pass so good a night as on the 10th, but was perfectly easy this morning, and remained so till 1 o'clock, P.M. At which time, supposing the stricture upon the bowels removed from his passing wind, I gave him one ounce of castor oil, in French brandy. In three hours it operated, and procured two sufficient passages.

Evening. Continues free from pain.

13th. Complains only of slight strangury symptoms, this morning. Slept well last night.

On the first day, he had a slight convulsive motion of the right leg and foot. The pulse throughout was slow. The hands and feet were cold on the first day; and his strength so much diminished, that he could not turn himself on either side, or move a limb. He was restless, and the only way in which he could change his posture, was to raise and support his body and head with pillows. We found it impracticable to put him in the warm-bath, from his painful inflexibility and helplessness.

On the second day, the blood was more equally distributed over the body, the face was reddened, and the heat more generally diffused.

He drank hot water throughout his attack; strange to tell, he found it extremely palatable; at first, he eructated it like every thing else. But it produced pleasant sensations, and no doubt, by acting as a warm bath, upon the sensible organ that received it, it diffused its general influence to every part of the system, and compensated for the privation of the external general warm bath. He, however, derived very essential relief from the bottles filled with warm water, which were applied to the cold and pained parts.

He loathed the idea of food, and did not taste an atom of any kind, till the third day in the evening, after the castor oil had operated; he then took some plain gruel. I directed some, seasoned with brandy and grated ginger, to be eaten before bedtime.

The next day (14th), bread and tea were advised for breakfast; and cold lamb, bacon, and rice, for dinner.

His habit of bowels is costive, and he has generally eaten vege-

tables, spinage particularly, to obviate that state; but he seldom discovers it in his discharges till the third day. His digestion of vegetable matters, of course, is very slow. He had eaten, in addition to the spinage the day before his colic, boiled carrots, two lumps of which, as was observed, were thrown up from the stomach by the eructations. He has been subject to piles for many years, and to *gutta rosacea*; and he has also been afflicted with deafness, which increases as he grows older. This inactivity of the alimentary canal, may be a concomitant of advanced age, or it may arise from a torpid state of liver; the latter suggestion is strengthened by the efflorescence of the face. The difficulty of passing urine, may be a consequence of the want of contractile power in the bladder, another evil attendant on old age, or of internal piles, which may also be combined with an enlarged prostate gland. I did not inform myself, whether there was any pain accompanying the expulsion of urine. This circumstance, with the absence of those symptoms characterizing nephritic or calculous complaints, would at least justify the opinion. The hepatic and hemorrhoidal affections might be expected to result from his sedentary and studious mode of life, &c.

CASE. Mr. ——. May 24th. Was seized with pain in the umbilical region, extending on each side of the false ribs, early this morning, preceded by acidity of stomach, existing for two or three days. Had an alvine discharge a short time before the attack, which was of due consistence, but of a pale yellowish tint. Tongue exhibits a whitish-yellow and thin list on each side, rather more deeply coloured in the middle; pulse natural. Injected two enemata, of lard, molasses, and salt; effecting the expulsion only of a little pale fæces and mucus, unaccompanied with gas. At 7 o'clock, administered Tr. opii, gtt. l.; at 8, gtt. xxx.; and at 9, gtt. lx.; between 8 and 9, was immersed twice in the warm bath; at 10, complained of nausea and acidity, and puked. R. Tr. opii, coch. parv.; Saponis, ʒi.; Sp. vin. Ten. ʒi.; Ol. menth. gtt. xx. Quocum abdom. fric. At half-past 10, the pulse became full, and he began to doze. Gave him, now and then, a wine-glassful of rum and water, half and half, with gtt. x. or xii. Ess. menth. p. The pain shifted frequently, during the morning, to different regions of the abdomen. He complained of much soreness of the intestines and sense of fulness, but the integuments to the touch were perfectly lax. This soreness would occasionally remit, and the stomach would then be attacked with pain and nausea; puking then ensued, attended with complete cramp in that organ. The puking was not encouraged, but the stomach was rubbed with the liniment. We were, however, obliged to discontinue the friction, from his complaining of much hardness about the belly. At twelve, he became thirsty, his pulse acquired considerable fulness, and he was covered with an universal sweat. Gave him mint-julep as common drink, in small quantities; as soon as the arterial sys-

tem was braced by the medicine, the spasmodic affections of the bowels ceased.

Evening. Remained quite free from pain, from half-after twelve till half-past three this evening; passing, in the interval, wind from the stomach and bowels. After this respite, was seized with the most acute cramp in the epigastric region, which almost suspended respiration, his countenance becoming pale, sunk, and ghastly, being, only the instant before, cheerful and florid. This abated, by degrees, in half an hour, shifting its seat to the intestines in a milder form, and vanished from thence in a few minutes. During the spasm, took two doses of Tr. opii; the first consisting of thirty, and the second of forty drops; sixty drops with soap liniment and Ol. menth. p. being rubbed in upon the belly. Gave him hot grog, half and half. Had a small passage at 6 o'clock. There was an intermission of pain at half-past seven. When the spasm returning, but in a less violent manner, gave him Opii, gr. i. in strong ginger tea, and at eight repeated the dose, and administered a glyster, with a cake of Windsor soap dissolved in a pint of water. He was pretty quiet till nine, when I left him for the night; he had not then returned the glyster. He sweated profusely the whole day. The sensation of thirst was always followed by accession of pain.

26th. Had a passage in the night; took two doses of opium, one grain each in ginger infusion, from nine to eleven. He rested well all night without recurrence of pain after 11 o'clock. This morning, much disposed to sleep; blear-eyed; nose very red, and face suffused; pulse soft, somewhat full, and rather slow; skin moist; tongue white and foul, complains of nausea, and puked, at 9 o'clock, a greenish fluid. Gave him half a glass of wine mixed with an equal quantity of water, mistaking it for rum. He said it always turned sour on his stomach. Gave him magnesia in Inf. ging.

Evening. No return of pain; pulse temperate; skin cool and moist; no appetite; has passed, this evening, at 8 o'clock, fæces, more tinged with bile; a sufficient quantity, but not with freedom. Now and then nausea. Has taken two doses Magnes. ex Inf. Zingib. Drowsiness vanishing: slight itching of the skin for the first time. This has been a rainy month throughout, and he has been much exposed in the low country, without boots. Hence cold and wet feet appear to have been the predisposing cause; and fish and crabs, which were always unfriendly to his stomach, the exciting cause of his colic. A day or two after the first attack, he supposed that he discovered some vestiges, of the crab in his fæces.

28th. This evening, complains of soreness in his bowels, with frequent inclination to have a passage, which he could not effect. I gave him two laxative injections; after discharging them, a small quantity of bilious frothy mucus floated on the surface. The uneasiness which he complained of in the lower bowels, must have arisen from sympathy with the stomach. Having been three days

free from pain, and recovering his appetite, his tongue assuming its natural appearance, he indulged in eating some hard salt beef for dinner, together with other indigestible food. Supposing some inactivity of stomach, I gave him a glass of grog. After a laxative glyster, the pains increasing, with a slight inflation of the belly, gave a teaspoonful of laudanum every half hour, till he had taken four doses. Fomented the belly with cloths wrung out of warm water, and put him three times in the warm bath. As he complained chiefly of pain in the lower bowels, I injected into them, after the first dose of *Tr. op.* by the mouth, a teaspoonful in $\bar{\text{z}}\text{vi}$. of water; this had no effect. The laudanum was then persisted in by the mouth, while all the spasms, which occasionally moved about different regions of the intestines, seldom fixing in the stomach as in the first attack, were relaxed, and he got to sleep. It is somewhat strange, that the epigastrium should have been so little affected, as it certainly was the source of the present attack. The face was pale, though before the pain came on this evening, it was full and florid. The spasms, supervening after the first sensations of soreness, were so excruciating, that he expected every moment to expire. I should, at first, have given an emetic, which would have been contrary to my usual practice, but was apprehensive of inducing a dangerous cramp in the stomach, which followed, in the first attack, from puking after taking water, in order to discharge its contents.

29th. 7 o'clock, A.M. Slept well last night, from 12 o'clock. *R. Ol. ricini*, $\bar{\text{z}}\text{i}$.; *Sp. menth. pip.* $\bar{\text{z}}\text{ss}$. *Cap. statim.* Had a good passage, at 12 o'clock. Easy all day; pulse active; skin moist; tongue white and moist. At 6 o'clock, one glass of strong grog, for thirst.

30th. Slept well; had several small passages in the evening after I left him yesterday. They were preceded yesterday by griping. Experienced the same this morning after a good passage, but was relieved immediately after the exit of the *fæces*; in passing through the rectum, produced smarting, which continued but a short time; the stools are rather bilious; pulse tense; slight pains in the breast; skin moist; tongue clean; has expectorated a good deal of thick mucus; for a day or two, after the first attack, he was somewhat hoarse; he attributed it to exposure, after coming out of the bath; to-day, the voice is clear.

Evening. Has been fearful of a return of pain from the uneasy sensations about the stomach; was relieved by taking some of the infusion of ginger. Ate some hard-baked bread and a slice of bacon for dinner, which has sat well upon the stomach; has no cough. The expectoration in the morning, must have been the effect of resolution of some slight inflammation, in the superior part of the windpipe. The griping preceding the passages, probably arose from the liver resuming its healthy functions, and pouring out bile in an active state, upon parts which had not lately felt its influence. Having spasms in the calves of the legs this evening,

and slight pains in the ankles, he was flattered with the hope of a friendly visit from gout, a paroxysm of which terminated a colic some months since. These affections were, however, evanescent, and must have been sympathetic of intestinal irritation.

CASE. Mr. —. April 18th. Pain in umbilical region; bowels had been open for two or three days, till to-day. He was seized suddenly with this umbilical colic, after feeling much better than he had since disordered bowels. He took a little magnesia usta, without effect. I gave him a dose of castor oil, with spirit (a little), and applied warmth to the part; and directed a sinapism, if necessary. Pulse now a little active, quick, and full; he could not take a long breath without increasing the pain; he took nothing else; the oil operated; he must have suffered great pain; he was reduced the next day much. 1821.

CASE. Mrs. —. April 15th. After a full dinner of rich food upon an indifferent appetite, was seized last night with colic. The pain ran across the umbilical region. Some hours in the night was taken with an ague: she took her usual dose of castor oil, which was puked. I found her with a fever this morning, and in pain occasionally. I gave her, at 9 o'clock, Calomel, gr. iv., and directed Castor oil, $\bar{3}$ i. at twelve; she took it, and puked it; she had another chill. At 7 o'clock, I gave her Calomel, gr. ix.; thirst great; allowed cold water; she is subject to colic; has taken a bottle of castor oil within the last twelve months; it has always relieved her, after procuring evacuation; rich food has generally brought it on, as pastry. She attributes this attack to eating rich rice-pudding and asparagus, (vegetable matter, as peas and beans, have brought it on,) and drinking cider at dinner. Mr. — had some hand in it.

16th. Pulse reduced this morning; calomel operated twice; began very late, near the morning; a mustard poultice was applied, which she kept on all night; tongue clean; feels acidity of stomach. Directed her a dose of calcined magnesia. She says she usually takes half an apple; and to apply a mustard poultice if she felt pain, in order to promote the action of the magnesia in the bowels. Colic. 1821.

1822. April. We have had some cases of colic, succeeded and generally accompanied by fever, the latter part of this month; attended with sick stomach and constant vomiting; generally brought on by eating indigestible food, as oysters, fish, lettuce, &c. Purgatives were given generally, preceded by Calomel, gr. iv. or v.; Jalap, Cremor tartar, Salts, and Castor oil, were generally given afterwards. In some cases, an opiate after their operation; a soreness was generally left after them. Mustard poultices; spirituous applications with flannels, made to the stomach. The opiates generally

left a sick stomach; it wore off gradually. In one case, it was succeeded by jaundice.

Mrs. — was taken in the night, or evening, after eating lettuce: it was puked up the next morning. When I first saw her, she had fever. I gave her Calomel, gr. iv., at 7 o'clock, and at 10 o'clock, a table-spoonful of salts, and repeated them; they operated well. The fever continued slight, but she was frequently chilly on the first of May, which was a warm day, and she was covered with a blanket: this was probably from hepatic irritation.

May 2d. This morning her eyes are yellow; she has been pretty easy to-day; face flushed; pulse temperate; skin moist; has experienced no return of abdominal pain or nausea. On the first day, a sinapism was applied a few hours after the calomel was given.

CASE. Mr. —. Sept. 2d. After a slight catarrh from sleeping in a draught of cold air, for which he took Cal. gr. x. and some Epsom salts, and had got better, was taken the day before yesterday with a slight uneasiness in the umbilical region, about 12 o'clock. He, however, supposed it so slight, that remedies would not be necessary. At two, finding the uneasiness continue, he drank a bowl of chicken soup, and immediately after repeated it. The pain remained, and he was given Ol. ric. ℥ij.; it became so violent, that he was given Tr. opii, gtt. l. Used injections and the general warm bath, both of which were fruitlessly resorted to. At 5 o'clock, he was seized with nausea, and threw up the soup, with the other contents of the stomach. Bottles of warm water, sinapisms, &c., were applied to the stomach. I was called at 4 o'clock: the pain was then seated in the lower ribs and confined to a point. The puking, the glysters, and the bath, affording no relief, it was proposed to give him ℞ss. Cal., which I gave at 7 o'clock, mixed in mucilage of G. Arabic. The pulse had become elevated, from being preternaturally slow; and just before he took the calomel, he discharged from his stomach some bile. I directed ℞ss. Epsom salts, o. h., to be taken at 2 o'clock; and desired that he should not go in the warm bath, nor have any more injections. He was very quiet the remainder of the night; puked up two doses of the salts; the third purged him well; the calomel puked him at 1 o'clock; he brought up very dark green bile, and took a glyster; but *from the time of taking the calomel, he did not puke till the usual time of its action on the stomach and bowels, which is from four to six hours.*

Yesterday, he felt great soreness along the course of the biliary duct; he could not cough, or lie down on the opposite side.

To-day, he coughed without pain; slightly feverish, and with full pulse; the soreness gone; began this evening to feel some uneasiness in the epigastrium; has suffered this evening intense thirst, from the invasion of pain on the 31st of August; has not

eaten a mouthful ; he has taken ice in his mouth occasionally all along, and to-day ventured to drink a little iced water ; had a spontaneous passage this morning. Cap. Cal. gr. xi. h. s., in Gum Arabic ; and at 2 o'clock, A.M., $\bar{3}$ ss. Epsom salts, o. h. rep. donec alveus responderit.

3d. The calomel operated twice by daybreak, and he postponed taking the salts till 6 o'clock ; and then at eight. Passages, dark bile. He certainly has laboured under tertian fever ; he felt yesterday some aching in the lower limbs. August 31st, had feverish symptoms, and August 29th ; but the fever did not completely unfold itself, in consequence of the engorged liver. This may be called the symptomatic colic, or bilious fever colic. Face less suffused this morning, and he appears somewhat reduced, pulse less full and round than before ; there is, however, some feverish action about it.

Evening. The second dose produced still, dark bilious passages. A third, half-ounce, gave passages of natural bile ; pulse still a little feverish ; soreness in the side not entirely gone.

4th. Took another dose of salts.

6th. Had a return of pain in epigastrium ; took salts and lard.

7th. Saw him this afternoon for the first time since the third. Pulse vibratory, and rather quick ; eyes very yellow and red ; slight pain. Directed the following pills : — R. Jal., Saponis, $\bar{a}\bar{a}$. $\bar{3}$ i. ; Cal. gr. xxiv ; Pul. G. Ac. q. s. Ft. pil. xxiv., iij. o. n.

8th. Could only get down two of the pills last night, from his inability to swallow ; they made him sick in the night ; slight bilious passage this morning ; no pain. Directed Ol. ricini, $\bar{3}$ i. ; Ess. menth. pip. gtt. iij. Ft. haust. cap. statim.

Evening. The C. oil operated well. Cap. Cal. gr. iij. nocte et manè. Sal. A.

9th. The calomel operated, at 5 o'clock in the night, twice ; he took castor oil instead of salts, which operated three times ; all the evacuations dark bile ; as the bowels had been so obedient to the action of purgatives, postponed another dose of calomel till to-morrow night ; ate boiled bread and milk, for dinner ; no fever.

14th. Eat to-day, for the first time, some animal food — a little boiled chicken ; ate yesterday a dozen raw oysters ; appetite great. Has taken every other night three grains of calomel, and the following morning, $\bar{3}$ ij. Ol. ricini.

CASE. Mr. ——. July 29th. Felt remarkably well before dinner on yesterday ; at night was taken with flatulent colic ; took a dose of salts this morning, which operated once, but brought away no bile. Came to town this morning at 7 o'clock, when I gave $\bar{3}$ ss. Magnes. in mint-water, and applied a hot brick to the epigastrium, observing that he eructated wind frequently ; says, he has pain in the breast and great uneasiness of lower bowels. Directed a glyster ; but the bag was so bad, that it could not be

given; had a very little, bilious passage. Gave him ℞ss. Cal. in a roasted apple, at half-past six; skin hot and pulse full; face flushed; at half-past nine, pulse still full, but flowing — not hard; fever began to rise at three; pain greater in hypogastrio; has just discharged wind downwards, but no passage of fæces; complains of pain of head; he ate cucumbers yesterday at dinner, for the first time in five years; went to bed without supper; probably the cucumbers were the exciting cause; he complained during the day of slight nausea, which prevented him from taking castor oil.

30th. Had some very black passages during last night; they were small; he wished he had taken a little salts, from his feeling that they would have increased the discharges; fever lower; skin cooler; soreness only in hypogastrio. R. Sal. A. ʒi.; Aq. menth. ʒi.; Aq. font. ʒiij. Cap. statim.

Evening. Purge operated extremely well; discharged a vast quantity of bile; up and about; soreness about the hypogastrium only; still flatus, probably from dining on chicken-soup; skin moist; fever gone. 1824.

CASE. Bob, a mulatto. May 28th. Was seized with wringing pain about the navel with nausea, after drinking much cold water during his work; pulse somewhat feverish, and full. Cap. Calomel, gr. x., in two pills immediately. Let a bottle of warm water be applied to the seat of pain; he has had a good passage to-day; the pain easy, and came on again at intervals.

29th. Has had two passages this morning, and feels only a weakness about the bowels. Cap. Olei ric. ʒss.

30th. At work. 1825.

CASE. Mr. ——. Jan. 25th. Had been costive for several days, from his sedentary occupation, during the session of a court at Williamsburg. He was taken last night, with a tightness and distention of stomach; was much relieved by eructation. He took this morning, a dose of castor oil, which operated nine times; the first passage copious. They are all bilious, of the colour of pure bile, that is, like the yolk of eggs. He complains of pain below the lower part of the sternum and epigastrium, and soreness of the belly about the umbilical region; the pains shooting down the limbs; occasionally, chilly sensations over the body. He found sitting over the fire this morning, extremely comfortable. Pulse full, slow, and regular; is alternately easy and in pain; he dozed once while sitting at the fire. There is now no distention of stomach; but soreness on pressing the abdomen exposed; no puking; no nausea. He said he was once relieved from colic by the exhibition of ½ gr. Opii and ℞ss. Calomel. As there was no danger of his rejecting the calomel, I admitted a dose of grs. x., accompanied by opium, to be taken at bed-time. It might, perhaps, obviate the accession of fever, which might probably supervene,

and the pain requiring local application; should this not answer, it might be made in the form of fomentation or sinapism.

Jan. 27th. He did not take the calomel the night before the last; he got to sleep, and his family would not wake him; he was not entirely free from pain on yesterday; in the morning, had two spontaneous passages; and took the calomel last night, at 10 o'clock. This morning it operated four times; the first time copiously; the evacuations were greenish. At 2 o'clock, he took a dose of castor oil, which operated as many times; the passages were watery. The pain in the belly is now general, but he has intervals of ease, and dozes; feet cold; pulse regular, and not more frequent than natural. I gave him Calomel, grs. v., and ordered warm cloths to the belly, and warm bricks to the feet, and also a sinapism to the belly, if the pain increased. He was well enough to-day to sit up and write.

Jan. 28th. After taking the calomel, slept well till very late; it induced excessive nausea, and then, about 3 o'clock, operated well; the passages were dark. He is, this morning, free from pain; has had one slight spasm from cold feet; at 10 o'clock, gave him ζ i. Epsom salts; half an hour afterwards, felt a severe spasm, either before or after a passage. He wished to have an injection, and as I was passing the house, I was called in, and advised him to wait an hour; if there should be pain then, or the salts should not have operated, he might take one or more. The pulse but little affected; tongue covered with a white scurf; has had no perspiration, except during the nausea from calomel last night. He has experienced thirst last night and to-day, for the first time; he keeps warm bricks to his feet.

Evening. The salts have operated most copiously and powerfully, and discharged, at first, black water; the others, a watery bile. The spasms did not come on, and he is now quite free from pain; skin, he says, is moist; thirst abated; salts has operated all day. He has had hot bricks to the feet all day, and drank toast and water. Directed mush and milk in small quantities, for his food. Pulse rather quickened. Directed, if the spasms should return, the application of a large mustard poultice. Cured. 1825.

CASE. Patty, a servant. May 25th. Was taken on the twenty-fourth with pain in the bowels, attended with cold feet and hands, as I was told; I did not see her till to-day. I sent her six grains of calomel, and on the 25th, in the morning, she took a dose of oil, which operated seven times; though during the whole day she had occasional spasms, and naps afterwards. About 7 o'clock, in the evening, the pains about the navel, and indeed the whole abdomen, were more severe. I directed the simple infusion of flaxseed to be injected: it was done twice, with some relief. The spasms, however, came on afterwards with redoubled violence; and at half-past eight, gave her Tr. op. c. ζ ij. This induced a little stupor, and she appeared delirious. She was put into the warm

bath, her extremities being cold, and she remained in it six minutes perfectly easy. She was put to bed, and in a short time the spasm returned, and she could not speak. About half-past ten, she had hiccup, but it lasted only a few minutes. At eleven, a blister was applied, and she slept afterwards all night; she probably got easy upon its application; it drew slightly. She drank a pint of cold water, after coming out of the bath. About half-an hour after the sweat began to subside, and after she had had the hiccup, she could not speak; but supposing it induced by sordes in the stomach, I gave her the mug, and she drank it most greedily. This morning, her pulse is scarcely quickened; tongue foul; thirst great; great soreness of belly. Yesterday, during the whole day, she could not bear the slightest pressure of the hand, which would immediately bring on the spasm. Directed toast and water; no flatulence in this case.

26th. Evening. Slept much to-day; tongue cleaner; thirst rather less till this evening; pulse but little excited; pain in right hip, and a little in the belly. Directed paregoric and a laxative glyster, and warm bath, if there should be increase of symptoms.

27th. Slept all night. I was with her at 7 o'clock, but she was sleeping, and had a sobbing kind of breathing. Felt her pulse, but she did not awake; her forefinger contracted while pressing the wrist; the flies lighting upon the arms, with their biting, would put the muscles in motion; she had no fever; she had been complaining of sick stomach.

Evening. Awake; has taken no food; the boiled rice which she ate yesterday, produced nausea; wishes to eat bacon. Directed a little milk-and-water tea and bread; no pain or fever; blister drying.

28th. Walking about her chamber without fever; has eaten her breakfast of bread and tea. Convalescent.

31st. Felt intestinal pain all night; saw her in pain at 11 o'clock this morning. Gave her immediately, five grains of calomel, and directed \bar{z} i. of *Ol. ric.* at 1 or 2 o'clock. Her appetite vanished with the first attack of colic. Her pulse is quickened, and skin warmer than natural; has eaten no breakfast this morning; yesterday, she ate a bit of boiled chicken for dinner.

Evening. Medicine operated well, and procured relief.

June 1st. Found her this morning in pain, lying with abdomen on a chair, for the benefit of pressure. Had this morning, a slimy passage; fever all night; pulse quick; now, 9 o'clock. *Pil. Cal.* gr. v.; at twelve, *Ol. ricini*, \bar{z} i.

Evening. Griping continues, with nausea; the latter probably from the medicine; fever. Directed an enema of *Inf. lini*, and if not relieved, *Tr. op. camph.* Slimy passages.

June 2d. Did not give the glyster or paregoric. Convalescent.

The exciting cause of this colic, was a quantity of green apples

and corn-field peas; though there were certainly no flatulent symptoms. 1827.

CASE. Mrs. ——. May 26th. Was called to her, having been seized with acute pain in the lower belly while walking in the garden, probably from the sudden change in the temperature of the weather, attended with sensation of labour-pain. She had eaten nothing during the day improper; indeed, had eaten nothing but bread and butter, as her appetite had been bad. In five minutes after she was taken, she was given two tea-spoonfuls of paregoric, and flannels wrung of hot spirits were applied to the belly extemporaneously: they relieved her completely, in fifteen minutes. Her bowels were not costive.

Last October this lady was seized violently with cramp in the stomach, from eating pickled-beef soup, and exposure afterwards to cold. She could not speak for a considerable time, nor open her mouth. I dissolved Zi . of the Carbonate of ammonia in some water, and got it between her teeth. She swallowed it, and in a short time discharged the contents of the stomach, and was immediately relieved, though a variety of means had been tried without effect.

27th. I did not see her this day, but she sent, at 10 o'clock at night, for a dose of calomel, with a message that she had had fever all day. As I had been informed by a friend of hers, that she had suffered a long time from sour stomach, I sent it. 1827.

CASE. Mary, a servant. March 30th. On the 24th of the month she miscarried of a three months' child. She went out the next day, and every day since, and eat as usual very heartily: and from cold, or some other cause, was seized with pain in hypogastrio this morning. I found, on pressing the belly, she felt great pain; her pulse quick, and skin hot. She took a dose of C. oil, which she repeated; her belly was fomented afterwards with warm water; she had a small evacuation before 4 o'clock, P.M. The pain and fever continuing, I bled her, from which she had two small evacuations; she was relieved, and fell asleep.

31st. She slept all night; pulse very much reduced; no fever and no pain; she had a large passage in the night; possibly the oil operated, though it puked her in the morning, the spasms being completely relaxed. 1827.

CASE. Fanny, a servant. May 11th. Was taken with pain in the abdomen night before last; for which she took a diversity of stimulants, without effect. Yesterday afternoon, I was called to her aid. She said, the pain was in the lower part of the belly, and was sore when pressed, and when she coughed (she had just got through a pleurisy); pulse full, strong, and quick. Venesection; common injection; sinapism to part suffering; and castor

oil, $\bar{3}$ i. This morning, she was still in pain about the navel; if pressed upon, she complained of much soreness; she had not slept; the oil had operated four times; pulse quick. At 7 o'clock, A.M., Tinct. op. camph. $\bar{3}$ iss.

Noon. She slept very quietly till an hour and a half since, being soon composed after the draught of paregoric, and she is now much easier, and has been perspiring; the pulse considerably quickened. She had eaten peas for dinner the evening she was attacked, but thinks the exciting cause may have been cold.

Evening. There was a remission of pain till 6 o'clock; after taking some tea, it came on with great violence, continuing in the same spot; pulse not so quick, and more complete; she could not lie down. At 8 o'clock, applied a *blister* of ample size, placing the centre of it on the navel. She has had a bilious passage this afternoon. She has had no headache, or sick stomach, or other symptom indicative of bilious remittent. I observed, too, that I had not heard her cough to-day; she replied, that she was afraid to cough; the pain for a minute or two eases off, but returns again. I have discovered nothing like flatulence: it wears the aspect of spasmodic colic, with some threatening of inflammation.

12th. The fever continues, and the pulse is full. After the blister had been applied about three hours, the pain shifted to the side and breast, and she was compelled to take a tea-spoonful of paregoric, which composed her, and she slept until this morning; no passage since yesterday evening. At 9 o'clock, Calomel, gr. v.; and directed a dose of oil at twelve.

Evening. The calomel and castor oil have operated well; pulse reduced much in frequency and fulness; in the right side now but slight; much better.

13th. Slept all night; she is sitting up, and still has the pain in the right side; pulse quicker than last night.

Evening. Less fever; pulse very little quickened; skin somewhat moist; feels slight pain of side. Convalescent, with slight pain in right side. 1827.

CASE. Mr. —. April 25th. Was taken last night with pain above the navel, in the region of the duodenum; fever; puking; of bile; chilly sensations when he moved during the night, though he was warm in bed. This morning, they gave him for the puking some mint-drops. Pulse frequent; cannot attribute it to anything eaten, except butter-milk for the two days past used. Cap. statim Cal. gr. ix., and in four hours P. jal. c. $\bar{3}$ i.

26th. The pill did not operate; the purge had the desired effect upwards and downwards; before he took the medicine, he strained hard in the act of puking; after taking them, puked quite easy; bile almost black. He is subject to great constipation, sometimes not having a passage in a week or more. Felt so weak this morning, he was compelled to take against his will some mint-julep; pulse a little quickened; no pain left. 1828.

CASE. Jenny, a servant. Dec. 17th. She was seized this evening with acute pain in the left side of the belly, or iliac region; could assign no cause; pulse but little affected. Cap. Cal. gr. ix. statim, and P. jal. c. ʒi.; circiter. merid. tempore eodem applicand sinapism. At five, this evening, since the operation of the medicine, feels relieved; pulse now irregular; intermits, and has again, fulness and tension with quickness.

18th. Applied the sinapism last night; medicine operated again, this morning; pulse regular this evening, though febrile; full; pain shifted to the lumbar vertebræ. Directed the occasional application of the sinapism.

19th. Fever much less; pulse weaker; pain in spine still.

20th. Convalescent. 1828.

CASE. Miss ——. March 23d. Tr. op. c. ʒiv. R. Ol. tigllii, gtt. ij.; Sap. Cast. gr. l. Ft. pil. ij. l. o. hor. 3. Enemata; Emp. vesic. region. epigast. The pain was confined to a very small spot upon the epigastric region. I saw her after the above medicine had been given her, and the blister had been applied three hours, but had begun to draw very slightly; the oil had not operated; I left her in pain, and expected it would operate, when the blister acted; the surface of the body was getting warm; she eructated several times, and complained much of heat of stomach, produced by the paregoric. This colic was induced probably by the roe of shad-fish, which she had eaten yesterday, for dinner: she had had passages from the glyster, and a yellowish appearance had been observed in the fæces.

24th. No evacuation from the croton oil; blister relieved the pain; no sleep; pain in the head; sick stomach, with a sense of load; little or no fever. Calomel immediately, and P. jal. c. a few hours afterwards; at six, this evening, only one slight evacuation.

25th. P. jal. c. ʒiss. Convalescent.

27th. Left her chamber. 1828.

CASE. Betty, a servant. Sept. 14th. Whilst milking this morning, was seized with slight pains about the umbilicus. She was given some essence of peppermint, and used spirituous fomentations. A glyster was given, and procured a good passage, the pains becoming violent. When I saw her, which was immediately after the passage from the glyster, she was convulsed with pain; her hand spasmodically contracted, and tossing her arms and legs about the bed in agony. I gave her one grain of opium rubbed with a little magnesia, and mixed in half a wine-glassful of water; and had a large sinapism applied to the belly, which finally relieved her; nothing else was done. 1829.

CASE. Mrs. ——. Jan. 24th. Taken suddenly with giddiness, at 7 o'clock in the evening, succeeded by violent pain in the stomach, accompanied with contortion, and convulsion of the muscles

of the upper extremities, and sick stomach and retching; frequent returns of the spasms of stomach and limbs, but lessened in violence gradually, till 12 o'clock, when I left her asleep. Gave her Ammonia, $\text{\textcircled{ss}}$., twice, in a large quantity of warmish water, in order to excite a free discharge of the contents of the stomach; she rejected very little from the stomach, but immense quantities of wind. Gave her an injection of *Ol. ricini.*, $\text{\textcircled{ʒiij}}$.; *Theæ sem. fænic.*, $\text{\textcircled{ʒi}}$., and a table-spoonful of common salt; it operated twice; the last passage, large and bilious. A sinapism was applied to the stomach, and kept on at least two hours, before she complained of it. Exciting cause: eating a large cabbage-stalk, a raw turnip, before dinner, and plum-cake, &c. She has been subject to occasional attacks; about six weeks since, in —, they lasted three days; she was then bled, and took frequent doses of opium, &c.

25th. Slept till this morning; had no appetite for breakfast; complained of great soreness of the hands, the effect of the spasms last night; pulse but little disturbed.

Evening. Fever and thirst to-day, without pain; fever subsiding, and skin perspirable; no appetite yet.

26th. No appetite this morning; drank some tea; did not see her; sent for some preserved blackberries. 1829.

CASE. Mr. —. May 30th. Was seized with violent pain in the right flank this morning, at 10 o'clock, A.M., attended with puking of green bile after day. He had, yesterday, a headache, and took a dose of salts, which removed it; and he ate a hearty dinner of fried eggs, lettuce, and after dinner, many radishes, and before, cherries. This morning he is without headache; his tongue is covered with a brownish, yellowish deposit; pulse fuller, and more frequent than natural; skin cool; gave him *Cal. gr. x.* in two pills; he puked immediately three or four ounces of greenish-yellow fluid, but the pills were retained; side painful on pressure. At 2 o'clock, *P. jal. c. ʒi. i.* *Ess. peppermint,* *gtt. iv.*; it operated twice only, moderately, by 6 o'clock; pain continuing, applied a sinapism to the whole belly, and directed a glyster to aid the operation of the medicine.

31st. The glyster was not given; he is well to-day. 1829. Bilious Colic.

CASE. Phœbe, a servant. May 30th. After eating cherries and strawberries before dinner, was taken at 4 o'clock, whilst ironing clothes, suddenly with pain in the umbilical region; and inclination to puke, which she could not effect. *R. Magnesiæ,* $\text{\textcircled{ʒij}}$.; *Ol. menth. pip. gtt. iv.*; *Sacch. alb. ʒi.*; *Aquæ,* $\text{\textcircled{ʒiij}}$. *M. Ft. haust. statim sum.* As soon as a glyster could be prepared, of molasses, lard, and salt, it was administered, and the operation attended with immediate relief. The draught was taken, half an hour, perhaps, before the glyster was given. I found she had been costive the day before yesterday, upon inquiry, after she got relief. 1829.

CASE. Patty, a servant. Aug. 29th. From eating white of eggs, probably, this morning, was seized with pain in stomach. Called at two; gave *Ol. r.* \bar{z} i. At five, medicine had operated well, and brought away free discharges of green bile, but pain not abated. She sent to get something to relieve her. *R. Ammoniaë, gr. xv.; Tr. opii, gtt. xxxv.; Ol. menth. p. gtt. iij.; Aquæ, \bar{z} ij. M. Cap. \bar{z} i. statim.* Saw her at seven; she had taken a dose of the medicine; had felt a fulness of stomach, and tried to throw up by drinking warm water, but could not; pain easier; pulse and skin excited a little. Gave Calomel, \bar{z} ss.

Half-past eight. Was again called to her, and she referred the pain to the sternum, instead of the stomach; she laid her hand on the sternum, and said there she felt the fulness. I advised her to be quiet, and told her the pain would be relieved, by an evacuation from the calomel, by 5 o'clock in the morning. The slight excitement had subsided.

30th. Had a black passage at five, this morning; feels a sense of swelling still, under the sternum; pulse quickened, and skin warmer; only one passage from the calomel. *Cap. Ol. ric. statim;* great thirst; ordered green tea.

Evening. The oil brought away green bile, and then yellow; found her sitting up; complaining less of the swelling of the stomach, as she calls the sternal region; very little excitement.

31st. Better. Did not see her, but was told I should hear from her, if she was taken worse. 1829.

CASE. Mrs. ——. Dec. 31st. Was taken suddenly, from exposure to cold and wet, with a most acute pain across the abdomen, and very hurried respiration; it subsided now and then, and came on again, with excessive violence. She had felt a little pain in the right hypochondrium, for a day or two; no nausea. A mustard poultice was applied round the abdomen, and she took three glysters of lard, salt, and molasses, before she got relieved. She passed hard lumps of excrement. Saw her at five; she was then nearly easy, but felt some abdominal soreness. Fever had come on, with a pretty excited pulse; full and frequent. Directed, if the pain should return, to take enemata again, to re-apply the sinapism, and to take eight grains of calomel. Still feels some uneasiness in the right side. She has had intermittent fever; but had got into good health. She had not eaten anything that had disordered her stomach.

Jan. 1st. Took the Calomel pills, and she supposed they were composed of opium; rested pretty well; feels some hypogastric pain and soreness, and has experienced great nausea; had taken some tea, and ate a little bread; had one slight passage. Directed a dose of Salts, at 1 o'clock, when I saw her this morning.

Evening. The medicine has operated well, and carried off the soreness; feels a great appetite; has taken some bread and tea. 1830.

CASE. Moses, a servant. May 1st. Colic, with spasmodic contraction of intestines or muscles; the lower part of belly on left side; bowels not costive. R. Ol. terebinth. \bar{z} ss.; Ol. ricini, \bar{z} ijj. Aq. tepid. \bar{z} i. Ft. enema.

The injection procured a large passage, with immediate ease. But there was a disposition to pain, though the swelling had diminished; he was thirsty, and fever appeared to be coming on.

2d. Complains of soreness only, swelling gone.

July 9th. Has, for some months, been occasionally subject to a rupture of the veins of the leg, just about four inches above the ankle, on the left side of the left leg. The stream is not larger than a large needle; and may be instantly stopped by a compress and bandage. He had applied many things. He is a monstrous eater, makes much blood, and the superfluous quantity spins out occasionally at this vent. 1830.

CASE. Capt. —, the African Traveller. Aug. 31st. With sour stomach, eructation, and inclination to puke. Two enemata of Ol. terebinthinæ, \bar{z} ss.; Olei. ricini, \bar{z} ijj.; each came away, with a feculent passage, like mush. Calomel, gr. ix., at 5 P.M. Calomel, gr. viij., at seven. Warm bath, at half-past nine, which induced a little ease and sleep. Jalap and Cremor tartar, $\bar{a}\bar{a}$. \bar{z} i. at 2 A.M.; puked it up immediately, and brought up bile. Stricture then removed.

22d. Soreness this morning; says, he passed at least three gallons of urine last night. At 7 A.M., Jalap and Cremor tartar again; eructation; thinks he is much swelled; one passage early; none since; fever; sleep; no fever last night.

Evening. Had some small passages; medicine did not operate well; drank, since the morning, cremor tartar water; sweating generally; quick breathing, and puffing; fever going off.

23d. Sitting in the tavern-porch.

A large sinapism was applied, in the first instance; removed after much smarting, and re-applied. He said the pain was mostly to the starboard side, and the gangway was blocked up. Bilious Colic. 1830.

CASE. Patty, a servant. Seized with violent pain in the belly; eyes red, and frothing at the mouth. Injection of two table-spoonfuls of salt, two of Castor oil, and a pint of gruel, statim. She was immediately relieved, and fell asleep. Cap. Cal. gr. x. if not finally relieved when the glyster operated; skin moist; pulse very little disturbed; a sinapism had been applied. 1832.

CASE. Israel, a servant. Aug. 14th. Greens yesterday, and at night fish supper. Pain in belly, and puking; pulse weak. At 7 A.M. Cal. gr. xii. in pil iij.; Emp. vesic. and four doses of C. oil, o. 2 h. Puked all, late in the evening. At nine, frequent incli-

nation to puke ; pain in hypogastrio ; blister had drawn. R. Cal. ℥i. ; G. acaciæ, ℥ij. M. et. div. in ch. iij. ; 1 o. 2 h. Glysters occasionally of gruel, ℥bi. and Ol. ric. ℥iij. Tongue coated and white ; pulse very little affected by blister — slow as natural.

15th. Saw him this morning, at six ; puked frequently during the night ; no passage ; glysters were given, and they came away alone ; pain in belly great ; saw a black, bloody puke in the vessel, before which he had puked green bile ; blister drew ; feet cold ; pulse not so active ; lower belly on pressure sore. Gave Opium and Calomel, gr. ij. : Warm bath. At 10 o'clock, Ol. tiglii, gtt. i., and directed another at eleven, mixed in sugar and water ; he has rejected everything from his stomach ; belly hard as a plank.

Evening. The croton oil operated. Directed one grain of Calomel every hour, and a glyster of Sp. terebinth. and Castor oil immediately.

16th. Took ten Calomel pills, and brought up all except two. At 11 o'clock, this morning, Æth. sulph. ℥i. o. 2 h. ; no passage ; puking various — black, green, brown ; restless ; walks about ; tenesmus ; four doses after, without effect. Apply another blister, low down ; first did not draw well.

Evening. Found that he had puked, when I went up, at 5 o'clock. Gave him the third dose of ether, and he laid flat, and slept ; has not lain down to-day. Hiccup came on. Directed three of the following pills to be taken in half an hour ; and if rejected, to give a glyster of fifty drops of laudanum in starch, and repeated, if not retained long enough to quiet the stomach. When stomach feels composed, repeat pills. Pills were — R. Jalap, Calomel, āā. gr. xxiv. ; Aq. q. s. Ft. Pil. ix.

17th. The third dose of ether, which I gave at 5 o'clock, remained on the stomach ; there was no need of the glyster of laudanum ; he took all the pills ; slept all night ; they did not operate on the bowels ; pulse slow ; blister drew ; sprinkled eighteen grains of aloes on the surface ; hiccup still.

2 o'clock. Rise of fever ; pulse active ; took tea this morning, and puking returned ; cannot lie down ; pain increased by recumbent posture.

Evening. The puking was again arrested by a tea-spoonful of ether ; two hours after he began to have passages, and by six o'clock, he had six or seven, not large. The first black and fetid ; pulse still active and rather quick, with considerable fulness ; can lie down. The night on which he was seized, he puked up his supper. Can this be bilious remittent ? The puking this morning was green ; it has been various. Did the external or internal cathartics succeed in removing the constipation ?

18th. Three passages in the night ; no hiccup ; less febrile action ; passage just now, of good bilious appearance ; better, in every respect ; tongue a little foul, or rather covered with a very slight whitish-yellow coat ; blister dressed with colewort leaves last night, as usual — looked well.

Evening. Pulse has a jerk, with some freshness; no passage since the last mentioned; hiccup; wishes to eat. Recommended Sassafras tea, as being useful for hiccup. If hiccup continued, give Calomel, gr. v.

19th. The hiccup continued; the calomel was given, and it stopped. It made him a little sick early this morning, and he had a passage; tongue clean; pulse slower; with some jerk; blister looks well. Table-spoonful of Castor oil, with essence of peppermint ordered. At 2 o'clock, oil had not operated; no fever; a little pain in belly; no return of hiccup. Repeat oil.

20th. Had six yellow passages from the oil, the last in the night; pulse natural; tongue a little white. Convalescent: will go home to-morrow. 1833.

CASE. Mr. ——. July 8th. Taken last night with pain in epigastrium, with puking. Ate snaps for dinner; puked them up; puked occasionally through the night. Took several glysters, and several doses of No. 6. Called at five, this morning; gave Cal. gr. v., and half gr. Morphine. Puked the pill up, he thinks, after it was dissolved in the stomach. One pint of gruel, and *Ol. ricini*, \bar{z} i., and *Sp. ter.* \bar{z} i., were injected, with no effect. None of the injections have produced fæcal discharges. Half-past ten, *E. vesicat. epigastrio*; drank half a glass of water, at half-past eleven, and puked it up. Gave Cal. gr. x. at twelve; face flushed; pulse had rather more activity, but the pain less, and the interval between the spasms longer; he was less restless than at 6 o'clock, this morning. He has complained of giddiness; indeed, before I gave the morphia in combination, of which I was not aware. His habit is full. I suspect he is a full feeder.

7 P.M. Blister had acted well; pain relieved, and nausea also; pulse very much excited; no evacuation; sleeps occasionally. At half-past 7, a dose of salts, and directed the repetition, every two hours, if necessary.

9th. Had only two passages, and those moderate; took another dose of salts; the last puked him. Easy this morning, except a little "numbing pain"; pulse very full; of natural frequency.

Evening. Pulse very much reduced; had several free passages.

10th. Passage in the night; pulse very much reduced in volume and force, but frequent; blister painful; went out on business, but returned to bed this morning; ate nothing but a cracker, and a cup of coffee, and one orange, since the attack of colic.

Evening. Feels some pain still in epigastrio; thinks he has had some fever, but pulse is still reduced; the bowels have not been freely opened, he thinks. Calomel, gr. v., to-night, if necessary.

11th. Feels still a little pain; did not take the calomel; blistered surface very red and sore.

Evening. Attending to his duties, though under the pain of blistered surface.

Would it not be well to suffer the blisters to remain on the sur-

face a short time generally, say four hours; rubbing the skin first with common spirit or oil of turpentine; and if a discharge be essentially necessary, re-apply the blister? When blisters are used as nervous stimulants, as in typhus fever, a succession of these to the sides and back of the neck, breast, head, epigastrium.

14th. Took four grains of calomel last night; operated twice this morning; pain still annoys him, just below the short ribs, on right side, in the region of the liver; had a fever last night. Sal. ζ ss.; Jal. tinctur., ζ i. statim; no appetite; tongue dry and yellow.

Evening. The evacuations were all of green bile, from the purge, such as he had not seen before; pain still.

15th. Fever last night; pain continues in side; no fever this morning.

16th. Fever last night. Took calomel, gr. v.; and this morning, tincture of jalap and salts. One green passage.

Evening. Medicine has operated well, and brought away green passages; pain still.

17th. Better; still pain.

Evening. Better.

18th. Continues to mend; has some pain in side. 1836.

CHAPTER V.

DYSENTERY.

CASE. A servant nurse. July 31st. Giving suck to a child, five month's old; was taken on the 26th, with dysentery, attended with tertian or quotidian fever. The case was well marked. She has taken Epsom salts for four days, in divided doses; at first, in half-ounce doses; now, occasionally, one-fourth of an ounce, four times a day. They universally gave easy passages. She has rested every night badly. The passages to-day are easier and more natural. Left an ounce of Epsom salts to be dissolved in water, and to be taken in divided portions, if the fever should rise; and two pills of opium, half a grain each, for procuring rest at night; one or both to be taken pro re nata. Her appetite little better; eats boiled rice, and cold milk with it. Directed, if she desired, wine and water.

August 1st. The skin in the morning, has been generally moist. I have only seen her in the morning. She has exacerbations of fever every evening. She took half a grain of opium last night, and rested well; had no passage during the night, and none this morning. Saw her, at 7 o'clock; some headache, as usual, in the morning. Directed the salts, if it increased, and if she felt uneasiness of bowels for want of evacuation; or if the unnatural

passages should return. Little appetite; drank wine and water yesterday.

2d. She ate pretty heartily, and felt better yesterday; rested badly; took salts this morning, which operated well, and procured easy and natural passages. It has now become a simple diarrhœa, or lax. Advised the half grain of opium at night, and to drink wine and water to-day. To-morrow, to begin with repeated doses of cold chamomile tea; skin moist; pulse moderate. 1819.

CASE. Mr. ——. April 29th. Has been affected with an eruption like scurvy, for three months, which has got into his head, and nearly destroyed his hair. He was taken, about the 6th of April, with cough, fever, and ophthalmia. Complained of pain and weakness in the hams. I bled him, and ordered Calomel, gr. ij., every other night, and Salts, $\bar{3}$ ss. in the morning; and afterwards, two grains every fourth night, leaving two nights between each dose. The eruption is nearly extinguished. The eyes, which became sore, and excessively painful, in succession, are nearly well. He uses gargles. He is much stronger in the knees, and generally; although he has been confined to a low diet, and deprived of all greasy food, and every species of strong drink. Taking it up as scorbutic at first, I gave large doses of vitriolic acid; but I was compelled to substitute the above plan and regimen, beginning with venesection; which, thus far, has been attended with the most flattering effects. He has been much addicted, I am informed, to the use of strong drinks.

June 28th. Was called to him with the prevailing dysentery, which has been attended with remittent fever. He has been sick about one week; passes blood, with much straining. He had taken a dose of castor oil, and a dose of salts, and some laudanum; the two former relieved him much, but the latter produced great irritation and disposition to faint. His mother was compelled to fan him, for some time after he had taken it. I directed for him Calomel, gr. v., to-night, and a dose of Glauber salts, in the morning; and afterwards, every day, to take $\bar{3}$ ij. of the salts every three or four hours, till natural passages were produced.

His former complaints, ophthalmia, rheumatism, cough, eruptions, &c., all well. He is getting a new coat of hair.

CASE. Henry, a coloured man. May 24th. Skin hot; pulse quickened; was taken yesterday. R. Ipecac. gr. xxx.; Aq. $\bar{3}$ iss. Cap. coch. 1 o. fifteen minutes.

25th. Skin cool; pulse moderate; puke operated well; passages, bloody mucus. R. Cal. gr. v.; Micæ panis, q. s. Ft. pil. Cap. statim. Circiter meridiem, Epsom salts, $\bar{3}$ i.

Evening. Calomel did not operate; salts purged well; passed a good deal of bile; griped him during the operation; pulse more active this morning; skin warm, and covered with sweat. Directed a bottle of warm water to his belly, for the griping.

26th. Had only three passages last night ; they were more easy ; no rise of fever this morning ; tongue foul. R. Sal. amar. (Epsom salts), \bar{z} i. ; Aq. \ddagger i. ; Ol. menth, p. gtt. iij. M. Cap. poc. 3tiâ quâque horâ.

27th. Two very natural passages last evening, and one this morning. Left one ounce of Epsom salts, and directed it to be dissolved, in four cups of water ; and one to be taken occasionally, when the griping, straining, and difficult passages returned.

Tongue white ; pulse rather full, and a little quick ; has a cough, which has existed for some time before the dysentery.

June 1st. Walking about.

CASE. Mrs. —. June 28th. Was taken this morning, very early, with an ague, which lasted four hours, attended with dysenteric symptoms. This evening, the pulse full, with a flirting tenseness, and quick ; tongue covered with scurf ; great abdominal pain. Directed a bottle of warm water, and Calomel, gr. v., and manê, Ol. ricini, \bar{z} i.

29th. Evening. Skin moist ; pulse reduced considerably ; some headache ; the medicine did not operate well ; still some abdominal pain.

30th. Sitting up this evening ; skin cool and moist ; dysenteric symptoms nearly extinct ; no ague this morning ; fever, she supposes, did not leave her till this morning, though her skin was generally moist ; pulse now rather full, and somewhat tense ; she is not without remains. Wishes to drink sherbet ; recommended, if she procured lemons, to take some magnesia either before or after it. She has some soreness of stomach, with a little nausea ; she drinks barley-water. Recommended a dose of castor oil, if the pain and bound state of the body indicated it ; tongue a little white. 1820.

CASE. Mr. —. Dysentery four days. August 4th. Cal. gr. v. noctè ; puked him in the night, twice. Drink, barley-water.

5th. Epsom salts, \bar{z} vi. ; brought several large passages of bile ; bloody mucous passages returned, with fever at noon. Cal. gr. v. noctè, lemonade this evening.

6th. Calomel puked him twice in the night ; no full passage ; face not flushed, as yesterday. R. Magnes. \bar{z} ij. ; Epsom salts, \bar{z} vi. ; Ol. menth. p. gtt. i. ; Aq. \bar{z} iv. Ft. haust. statim.

Retained the purge better than one hour, and brought it up ; hands cold at 9 o'clock ; pulse feeble, and face rather collapsed, but not pale ; thirst ; gave him cold water.

Meridiem. Fever rose ; face red ; pulse fuller, and a little tense ; says he is much better ; has not puked since I saw him, at 9 o'clock ; has had, he says, some excellent passages, two, perhaps ; was eating currant-jelly. Cal. gr. v. noctè.

7th. Had only a slight effort to puke in the night. R. Magnes.

ʒi. ; Epsom salts, ʒi. ; Ol. menth. gtt. i. ; Aq. q. s. Cap. dimid. statim. Called at half-past one ; he puked the first dose, and brought up much bile. *Gave the second dose at quarter before 2 o'clock* ; just before, nose bled a few drops. Eats arrow-root jelly.

Evening. The second dose had given him five or six free and full, bilious passages ; pulse not depressed by them ; indeed, they were more full, perhaps, than usual ; this dose was the first, which he had kept on the stomach. No calomel to-night.

8th. Says he is well this morning ; had only two passages in the night ; pulse but little quickened ; skin cool ; nose bled a little in the night. Bread and tea.

Meridiem. He had one free passage since I saw him ; return of appetite ; wishes to eat bacon ; the griping has left him.

Evening. Has had two good passages ; appetite great ; has eaten chicken and rice soup ; the fever has been slight ; pulse rather quick, and full ; skin cool ; face scarcely flushed ; no medicine to-night.

9th. Rested well ; pulse somewhat quick ; had no passage in the night. Dysentery. 1821.

CASE. A boy. July 22d. Seized with dysentery ; he was given a dose of salts.

Evening. Saw him ; skin moist ; salts operated ; evacuations frequent and bloody. Cal. gr. viii. Pain in knees.

23d. Fever ; pulse not very frequent, or full ; skin dry ; pain in hypogastrium ; calomel operated twice. Took C. oil, ʒi., this morning ; three hours after, not operating, I took ʒvi. or ʒvii. of blood from the arm ; he was immediately seized with fainting ; and the impulse to go to stool irresistible ; he had a large, green, mucous passage.

2 o'clock. I called ; found him easier ; the passage of bloody mucus had returned ; fever moderate.

Evening. Face flushed ; pain in the belly less ; knees still painful ; tongue foul and dry ; pulse slightly full and soft ; passages very frequent, small, free ; of bloody mucus ; difficulty in passing water ; eyes red and yellow, or muddy ; sleeps much, and sighs frequently. Cap. Cal. gr. v. h. s. Belly to be fomented with spirit and water, for half an hour before he takes the calomel.

24th. Calomel did not operate. Cap. Epsom salts, ʒss. ; Magnesiae, ʒss. in Aq. menth.

Evening. Fever came on at eleven or twelve, and lowered in the evening ; semi-tertian ; salts operated ; belly easier ; skin moist ; drank a cup of tea ; give nothing to-night.

25th. The salts still operate ; suppose, though, that the secretions were more natural. Directed salts, ʒij. o. 2 h. Belly easier ; more cheerful.

Evening. Fever from the morning ; salts began to operate at 4 or 5 o'clock, and the passages were highly bilious, liquid, and with-

out mucus. The operation was promoted, he thought, by the fomentation, but more probably, by the decline of the fever; pulse soft, full, but slightly frequent; drank barley-water acidulated with lemon-juice, during the operation.

26th. Evacuations natural, but frequent during the night; coldness this morning about the knees; little or no pain in the belly, except in straining at stool. Directed, if he should have unnatural discharges, to take the salts again; fever slight; talks of eating.

Evening. No return of bloody mucous passages till this evening; has eaten milk and peaches, which produced acidity. Cap. Epsom salts, ℥ij., and coch. parv. ij. Magnesiæ.

27th. Rested better; passages good this morning; very little fever. Salts to be repeated, ℥ij., o. 2 h., if the unnatural passages return.

28th. Took some salts yesterday. Convalescent.

Evening. Took a tea-spoonful of salts this evening, which procured a better passage, than he has yet had. 1822.

CASE. Mr. ——. May 27th. Was taken with disordered bowels whilst walking in the forest: after the first evacuations, he was so extremely weak, that he could with difficulty walk. They continued during the night, slimy, with a slight tinge of blood, and hard lumps; sick stomach and puking; pain in head; great restlessness and vigilance.

28th. I saw him. The fever was, at half-past nine, A.M., preceded by chilly sensations; at half-past ten, the pulse became fuller and quicker; very little thirst; extreme restlessness; pain in the belly, and soreness on pressure; pain in the back. I gave him viii. gr. Cal.; and directed two table-spoonfuls of salts, at 9 o'clock. I directed also barley-water; the first impression of the calomel upon him, was sickening; he puked much green bile, and got relieved. The salts operated copiously, nine times; and the complexion of the passages altered to a yellowish-brown colour. They gave him great relief; and he slept well the latter part of the night.

29th. This morning, quite easy, and has an appetite; no fever. Directed, if the pain or fever should return, to take iv. gr. Cal., and in the morning, a dose of salts. He perspired the latter part of the night; and the skin was moist this morning.

30th. The alvine discharges yesterday, were frequent and slimy, attended with pain and tenesmus, supposed to have been caused by eating chicken-soup, with some of the fowl. Took the calomel, and at seven this morning, the salts. He had pain in the belly before the calomel was taken; this produced great sickness; it operated once, and relieved the pain. He has had five or six passages from the salts; the last, most copious, at 10 o'clock. More fever to-day; the pulse not very quick, with sufficient fulness;

after his passages, he feels sickness at stomach. Directed *v. grs.* Cal., if the tenesmus, straining, &c., and frequent passages should return, with ineffectual efforts, and pain; and salts in the morning.

31st. Better, in every respect: slept well last night. Took the calomel last night; which did not disturb him. Of E. salts, $\bar{3}$ ss. were taken; after some time, having no evacuation, he took a tea-spoonful more; he was then copiously purged, and discharged, for the first time, a quantity of brownish-yellow bile; the last passage seems not of so deep a colour. No fever at noon; appetite good; ate bread and tea, and felt better after it; very early, his head was somewhat confused. His countenance cleared up, and he looked, when I went into his chamber, much better than on yesterday. Directed *v. gr.* Cal. noctè, and salts, manè, if disordered passages should return. No nausea after evacuation, nor when he hawks, to discharge saliva and mucus of yesterday.

June 1st. No fever; took the calomel; slept till day; took the salts; passages more copious, and of lighter colour; convalescent. In future, salts in small doses, if necessary, and no calomel. 1824.

CASE. Mrs. ——. She was taken with dysentery on the 17th or 18th; on the 20th, Cal. *gr. viij.*; 22d, *gr. vi.*; and 24th, *gr. v.*; 26th, *gr. v.*; 28th, *gr. v.*; 30th, convalescent. She was sufficiently purged by the calomel, which she took every other night; sometimes taking a tea-spoonful or two of salts the following morning. There was, on the rise of the fever, an efflorescence on the left cheek-bone and arm; the pains in the bowels great; passages, very bloody mucus, greenish; left her another pill, to take it at any time, if the morbid passages should return; and if there should not be occasion for the calomel, to take a tea-spoonful of Epsom salts.

July 4th. She took at night, a little calomel, as there was more fever.

7th. To-day, better in every respect; still eats ice, her stomach being weak. 1827.

CASE. Anderson, a servant. June 9th. Calomel, *gr. viij.* manè, Ol. ric. $\bar{3}$ i. meridiè. Cured.

28th. Relapsed. Rep. medicine.

29th. Cal. *gr. viij.*, h. s.; manè, Salts vel Ol. r. Passes bloody stools frequently; skin moist.

July 1st. Convalescent. 1830.

CASE. Mrs. ——. May 5th. Was taken yesterday with pain in her limbs, pain in the top of her head, slight discharge of blood from the bowels; pulse very little disturbed; face flushed. This morning at seven, gave her Calomel, *gr. viii.*, which operated at noon; she took, at 1 o'clock, two tea-spoonfuls of salts, which ope-

rated well; the last passage yellow bile. The passages changed immediately on the operation of the calomel. At 6 o'clock, she had not had a passage for two hours; bowels quite easy, and headache less; pulse, lying down, fuller; sitting up, smaller and rather quickened. Directed, if she felt pain at any time, to take a dose of salts, a tea-spoonful; directed barley-water, acidulated with lemon-juice, for her drink. This dysenteric fever, probably remittent, induced by taking off her flannel, in the beginning of the week.

6th. Had two passages of pure blood, after I left her last night; she took the salts, and rested well afterwards; no passage afterwards; fever less this morning, and head feels clear; found great relief from the barley-water, and lemon-juice.

Evening. At 5 o'clock, was about the house, and had not been disturbed once with the bowels, but complained of a little pain in the back, from attending to two of the family, sick at the time.

7th. Well, and about her usual occupations. Ephemeral Dysentery. 1830.

CASE. Anderson, a servant. June 7th. Has, for four days, passed from the bowels, nothing but blood and slime; frequent desire to go to stool, and has had, in the time, no natural stool, and no appetite; tongue brown in the middle; though he chews tobacco, even now; skin moist; pulse rather full; not much quickened. Cap. Cal. gr. x.; and circiter merid. Salts vel Ol. ricini, ζ ss.

8th. Had three passages last night; passages still bloody; straining, and abdominal pain less; pulse quicker, and skin moist; drinks cold water.

Evening. Pulse much reduced in volume; still too quick; skin natural; stools same. Cap. Cal. gr. v. h. s., and Sal. ζ ij. manê.

10th. Had one good passage yesterday morning, from salts; bowels now same; up as usual, in the night; pulse much quickened, and skin warmer.

Evening. Rather better; no pain. Cal. gr. v. h. s., and Salts, ζ i., manê.

12th. Convalescent. 1833.

CASE. Miss —, a child. July 29th. Repeated slimy evacuations; fever slight, during night. Calomel, gr. ij. statim, and at 1 o'clock.

Evening. Operated well. If passages return, Tr. camph. c. gtt. vi. i.; Ipecac. gr. ss.

30th. At eleven, last night, Ipecac. and Paregoric, and rested all night. Two passages this morning.

Evening. Better all day; no passage since morning; reduction of flesh; skin perspiring all day; sprightly again, and return of appetite. Convalescent. 1836.

CASE. Mrs. —. Chronic Dysentery preceded by Rheumatism. April 8th. Bloody mucous evacuations during the night; with

pain, tenesmus, sick stomach, straining, fever. Restlessness extreme at night. R. Gum acaciæ, $\bar{3}$ ss. ; Aquæ, $\bar{3}$ viiij. ; Sp. Æth. nitr. $\bar{3}$ vi. Solve. Cap. $\bar{3}$ i. ter in diè.

10th. Less fever to-day, and all symptoms abated. Took only two doses to-day, morning and evening ; ate oysters, and a little breast of turkey, for dinner. Four drops of the Ess. menth. p. have been added to $\bar{3}$ i. of the mixture, when taken.

11th. Bowels much disordered during the night ; fermentation ; bilious stools at last.

Evening. Pulse full ; more fever than yesterday evening. Ate oysters for breakfast and dinner, and rep. h. s., eating a piece of orange previously.

12th. Had only three passages last night, and rested better than before, since she has been in town ; pulse less active ; took her draught after breakfast and at night.

13th. Three passages ; rested well ; pulse quick and feeble ; drank yesterday, till 2 o'clock, lemonade — has agreed with her well ; takes her draught immediately, and then she will eat her breakfast ; feels the want of food ; took oysters yesterday morning — tired of them. Directed fowl-soup, boiled low.

Evening. Several small passages to-day ; nausea ; pain occasionally in back and hips ; pulse increased in force and fulness this evening ; did not eat soup, but a few raw oysters for dinner, without appetite ; seems to suffer great gastric distress and despondency. As a dernier resort, $\frac{1}{2}$ Pil. Hydrarg. h. s.

14th. Took bread and milk boiled for breakfast, and two poached eggs for dinner.

Evening. Fever less than before ; pulse nearly natural—firm. Experienced less nausea and irritation of bowels. She has been less sensible herself of fever.

15th. Took her breakfast of corn-bread and milk. There could have been only a slight evacuation last night. She felt more appetite than usual this morning (natural, I suppose).

Evening. More composed to-day ; with less thirst ; only drank thrice ; eggs for dinner again ; rather more fever than yesterday. Pil. Hyd. h. s.

16th. Had fewer passages last night ; rested well ; pulse somewhat quickened. Thickened milk, for breakfast.

Evening. She had a fall this evening in getting up, and hurt her back ; stomach much disordered, and pain in the back from the fall. Directed an embrocation of spirit and vinegar, of equal quantity. Pulse more excited from the agitation. She took, for her dinner, the thickened milk.

17th. Felt the palpitation about the epigastrium less last night, and also the uneasiness. Feels the pulsation of the iliac artery, which I suppose this palpitation to be, more on the right. She takes the pill ; feels giddy in the morning ; pulse rather excited ; as much, indeed, as last night. Thickened milk for breakfast, with nutmeg, which I forbade to be used.

Evening. Has been very composed to-day ; slight perspiration above. Her restlessness for two days has abated much, and, likewise, the nausea ; drinks cold water ; her thirst still troublesome ; pulse temperate, and approaching the healthy standard. Pil. Hyd. h. s.

18th. Rested well ; less beating about the stomach ; less heaviness after taking the pill ; feels a natural appetite this morning ; pulse more excited ; had not breakfasted ; feels a natural appetite.

Evening. Has passed a quiet day ; pulse moderate ; feel stronger, for two days past ; less pulsation in epigastrio ; passages less frequent — one this morning — had a greenish, bilious aspect ; appetite good ; ate a potato for her dinner.

19th. More fever to-day ; this evening considerable, with flushed face ; eating thickened milk ; discovers great solicitude about her recovery as usual ; wishes to know my opinion about her case. Rep. Pil. Hyd. h. s.

20th. Three passages as usual, last night ; first looked well, thicker ; last, whitish and liquid ; begins to be disgusted with milk ; craves strong food ; fever still ; pulse not feeble.

Evening. Fever much subsided ; skin cool, and pulse reduced in force and frequency ; spent a quiet day. This, the alternate good evening, and perhaps day.

21st. Pulse more active ; in better spirits ; did not sleep more than two hours, but slept much yesterday ; harps still upon eating animal food, chicken, &c. Had taken a biscuit before I saw her, which had taken away her appetite for breakfast. Desired not to eat till hunger came.

Evening. Pulse excited still. Pil. Hyd. h. s. Emaciation more apparent. Wishes to know when she may go to the W. S. Springs ; anxious to exchange her milk for buttermilk.

22d. Evening. Rested badly. Has complained much of heat to-day. Wind S.W. for three days : had been N.E. and E. for fourteen days before. Bowels, however, have been more quiet. Pulse this evening weak, and perhaps less quickened than yesterday evening. Used buttermilk to-day ; is not fond of milk ; takes the buttermilk without water.

3d. Bowels not much disordered last night ; but pulse as much excited, as usual. Takes buttermilk, at noon. Thickened milk, for breakfast.

Evening. Had a day of more composure. At noon, the pulse was feeble, she says. She has used the buttermilk cooled with ice. From losing two night's repose, she tries to-night the hop-pillow under the pillow of feathers. Pulse tense, and rather unfrequent. Pil. rep. h. s.

24th. This morning, pulse still active. Just about to take the thickened milk for breakfast, but preferred buttermilk, which could not be obtained so early.

Evening. Pulse reduced in force, but quick — more evacuation

to-day ; eaten buttermilk, which she prefers as nutriment to every other article of fluid diet.

25th. Rested extremely well last night, owing, no doubt, to the change of temperature in the weather, being much cooler ; evacuation as usual ; pulse softer and rather slower ; had just taken her breakfast of buttermilk and bread, which she considers a great dainty.

Evening. Pulse improved ; force sufficiently moderate, and also frequency ; no sickness at stomach ; complained for some days ; bowels same ; buttermilk agrees pretty well, and she continues to relish it. Pil. rep. She has sat up, and read a little to-day.

26th. Her evacuations more frequent last night, and she did not rest so well as the night before ; pulse retains its strength, firmness, and moderate frequency ; she confines herself now entirely to buttermilk. Her thirst is now completely conquered by the use of buttermilk. She had some abdominal pain last night, and six pretty large passages. During the day, they are less frequent.

Evening. She feels the pulsation in her bowels most when the stomach is empty ; she cannot relish bread, but takes the buttermilk often in small quantities. Pulse as usual on the alternate evening, that is, the evening succeeding the night, on which the pill is taken, weaker, and perhaps slower ; subject to cold perspiration about the head ; has felt chilly during the day, though the weather is temperate ; inasmuch, that she covers with a doubled blanket ; the passages are watery, sometimes slightly yellow. The discharges of urine are more copious, as if the blue pill acted on the kidneys ; pain in the back and hip, and nausea, have entirely left her.

27th. Pulse moderate ; complains of the cold ; wind shifted to N.E.

Evening. Very cold to-night ; pulse much reduced ; uneasiness, fulness and hardness in the epigastric region ; cannot *lie on the right side*, for the first time in all her sickness. Sinapism epigastrico applicand. h. s. Omit taking Pil. Hydrarg.

28th. Evening. From eating less yesterday of the buttermilk, she had a good night, and has spent the day comfortably ; no epigastric pain, and very little palpitation ; can move in any position, without inconvenience ; pulse quickened ; hectic ; anxious to return home, and to get to the Springs. I could only prescribe for her in future, a well-regulated diet ; she could not take medicines with advantage. The blue pills might possibly be returned to, but it must depend on circumstances — now, too weak.

29th. Passed a good night ; pulse good ; not so quick, but firmer and slower.

Evening. Pulse smaller, but not very quick ; bowels, latter part of the evening, disordered — quiet this morning. Last night, instead of being disturbed four or five times, as usual, before 12 o'clock,

she only had one passage at twelve, and one passage in the morning — all owing to abstaining a little more. I have always endeavoured to impress the all importance of abstinence on my patient. I told her that there was no disease under which a person could labour, requiring more forbearance and self-control. In the after-part of the day, a total abstinence from food should be enjoined, in order to favour comfortable sleep. She continues the buttermilk, but harps on meat, meat. Even of buttermilk, I advise to eat as little as possible, to keep down the hectic, by obviating gastric and intestinal irritation. The stomach being able to manage the digestion of a small quantity, whereas a large quantity would undergo chemical changes, and be hurried through the bowels by stimulating them to inordinate action, creating pain, and increasing fever.

30th. Pulse this morning firm, and sufficiently slow ; mind more bent on going to the Springs on a visit, or to Rhode Island. Advised abstinence in buttermilk and bread, to keep down the pulse.

Evening. Pulse weak, and not very frequent ; pain and hardness in the left side of the epigastrium, with palpitations. Evacuations not so frequent, nor the intestinal pain so great, as when she first came down ; seldom has any till now, from the morning. Thinks of travelling towards the last of next week. Dry hacking cough, for three evenings.

May 3d. Pulsation in the left side of the abdomen may be distinctly seen.

6th. She has slept scarcely any for two or three nights. The wind got to the N.W. last night, and she rested well, and has been quite composed all day. Less fever this evening, than for several days ; pulse small, and not tense ; skin cooler ; pulse also very little quickened ; she *reminded me of my suggestion some time since, of the bowel complaint being of rheumatic origin.* Her joints are quite free from enlargement. I hinted to her, that there would be a bare possibility of relief from blisters, as the complaint had been long fixed on the bowels. Go on with buttermilk.

7th. Pulse still further improved — slow as natural, probably. Wind N.W. Cool enough for a fire this evening, last night a blanket not enough.

8th. Pulse excited this evening, fuller and stronger ; passed the last night with very little disturbance from the bowels, and slept better than she had done any night. At night, required two blankets. She takes a little clabber every morning early, and goes on with the buttermilk, with a very small piece of stale bread.

9th. Evening. Pulse more quickened, and has more pain in the bowels from eating buttermilk early this morning, too sour, instead of bonny-clabber, which could not be obtained. Complains of a sensation like opening and shutting in the ears, which is disagreeable when she talks.

10th. Walked into the next room, and has eaten boiled milk to-day; thinks she weakens under buttermilk; pulse quickened and weaker than yesterday.

11th. Rode out, and bore the exercise very well. Pulse, after ascending the stairs, and resting some time on the bed, was found to be less quickened than for the two past days, and softer. She purposes going home to-morrow by short stages, of six, and eight, and fourteen miles. She drinks arrow-root tea, instead of water.

12th. She left Williamsburg, at 1 P.M. I advised the continuation of the milk diet in its various forms, and the successive application of blisters to the epigastrium, wrists, and ankles, and a change of climate to the mountains or the north.

CHAPTER VI.

RHEUMATISM.

CASE. Mr. —, æt. 22. Dec. 10th. Has been confined to his bed some days with sciatica in the left hip. His mother has been much subject to rheumatism some years since. Gave a dose of jalap and calomel, ten and fifteen. Relieved so much by the evacuation, as to be able to get up.

11th. E. vesic., and dressed with basilicon.

17th. Senna and salts, manê. Continues to mend.

20th. Gr. v. Calomel, et gr. v. Aloes \bar{i} . Mucilag. G. Arab. Ft. pil. Took one or two, occasionally. Cured. Rheumatism. 1812.

CASE. Mr. ——. Feb. 17th. Was attacked several days since with rigor, succeeded by fever and pain in the hip. He cannot move the limb of the affected joint. He has a cough, which is loose, but he is afraid to expectorate, from the pain which it occasions. He was given calomel, and afterwards Peruvian bark; the calomel operated well. His bowels were costive; skin hot; face flushed; pulse full and rather frequent, and somewhat hard. Living in the neighbourhood of a mill-pond or creek, bleeding was feared. He is a likely young man, of intemperate habits. I bled to \bar{z} vi. or \bar{z} viiij. Directed half a grain of opium, and quarter of tartar emetic every night for three nights; and Sal. amar. \bar{z} i. the day after the bleeding, and the exhibition of the first dose of the diaphoretic pills. Cured. 1818.

CASE. Abram, a servant. April 27th. Pain in the side, without cough; was bled six days since for it; was relieved. Pain then commenced in the right arm, between the shoulder and elbow, without inflammation; swelling extensive; no fever; skin cool; no

thirst; bowels irregular; has enjoyed good appetite until to-day; tongue a little white. He took three grains of tartar; it did not operate; then Ipecac. gr. xxiv.; operated once; said he felt some griping; the hands then felt cold, and the pulse was reduced in quickness and size, though, he said, he felt no nausea. He covered himself with a thick great-coat, and went to sleep just before sunset.

28th. Arm very painful all night; he had fever; tongue this morning foul. He was restless, and sat up the greater part of the night; no appetite; the medicine did not operate on the bowels at all, and only puked once; says, he had no ague in the evening. Cap. statim Cal. gr. vi. et Jalap, ℥i. nisi Cal. bene alv. mov.

29th. Pain shifted to the shoulder; pulse quicker rather, but not full; tongue still white; no appetite; griping; had a passage this morning; was much easier during the night; slight cough. Directed a dose of castor oil, if he had not another passage.

Evening. Has taken two doses Ol. ric. ℥ss. in each, without evacuation. Now, 6 o'clock. Pulse as slow, perhaps, as natural; thirst has been considerable, but he has not indulged it; pain less; says he feels easy. Directed balm-tea. 1820.

CASE. Mr. ——. Rheumatic Bilious Fever. March 21st. Complained of violent headache; constant motion of the eyelid of the left eye, and constantly opening and shutting the eye; the upper lid of the right eye immoveable; swelling and pain over the eye towards the temple, with great tenderness, and appears to be a rheumatic affection; great restlessness. Some days since, he had pain in the breast, between the shoulders. His complaint commenced on the 15th. His fever has generally risen about noon, one day perhaps later than another, and gone off in the night, with perspiration. He took, the night before last, Calomel, gr. xx., and the next morning repeated the dose, and afterwards took salts and senna; they had little effect. He had bled himself twice, and taken aperients. At 1 o'clock yesterday, I took from the arm about a pint of black blood, and gave him Pulv. jalap, c. ℥i., and directed another dose in three hours, if necessary, and applied a blister between the shoulders. This morning I found the fever low; the medicine had operated so profusely during the night, that he was left almost without pulse, and he drank a glass of wine, which checked it. He resumed the aperient plan at 2 o'clock to-day, and took a tea-spoonful of Epsom salts, with some tartaric acid and bi-carbonate of soda; he had two passages in a short time. I applied a blister to the forehead; at 3 o'clock, he had a distinct chill or ague. He has been subject to rheumatism, and has a rheumatic node just above the forehead.

22d. I found him this morning with a more excited pulse, at 12 o'clock; he felt less pain in the fore-part of the head, and it appeared to have shifted to the occiput; blister on the forehead drew well. He took the pill at six this morning, instead of taking it last night; it had not operated. I gave him two teaspoonfuls

of Epsom salts, and one of cremor tartar. At two, pulse had subsided; I then gave him a tea-spoonful of Epsom salts; in a short time it operated copiously, and he had a chill; eyes less affected; mouth still twisted to the left, and he was more sensible of it when he drank; face more suffused than yesterday; spirits very dejected; the passages more yellow than heretofore.

23d. Slept pretty well, though his fever, from his mother's report, was pretty high. Pulse this evening not so active; head easy. Took the pill at five, this morning, and has taken a little salts; they have brought away dark coloured bile, in small quantities; chill scarcely perceptible at 2 o'clock. Left two pills, containing about eight grains of calomel, to be taken to night; paralytic sensations appear to be yielding. 1828.

1830. April 12th. Saw the same individual, yesterday being the 6th day of an attack similar to the above detailed, attended with the same affection of the head: for which he had been bled twice copiously, and taken large doses of calomel. The symptoms were yielding; pulse reduced, and skin getting moist; he blistered also; no convulsions of the facial muscles. He had yesterday morning a pain in the right side, which was completely removed by the application of a blister, kept on till inflammation simply was induced, and then removed. He had taken in the morning a small dose of calomel, and after it salts, which had operated. He was to take, this morning, Calomel, gr. v.; to be succeeded by salts. Tongue had been thickly covered with a thick coat of whitish sordes, but was getting clean at the edges; face very much flushed, and skin somewhat so. *A decided case of bilious remittent character*, with great determination to the head; left ear affected with pain; chill in Richmond, this winter; subject to troublesome tinnitus aurium.

The chronic rheumatism is seated in the loins, hips, knees. The temperature of the skin is unaltered, and the pulse undisturbed; the muscles are sometimes debilitated to the utmost degree of atony. It seldom attacks the chest. The treatment consists in the use of stimulants, externally and internally: those of the diuretic kind answer best in the chronic, and the sudorific in the acute; the terebinthinate and resinous preparations. Spir. æth. nit. i. Camph. ; the Tinc. guiac. ; Bals. copaiv. ; Vin. colchici.

The external stimulants are, mustard, camphor, and Vol. alk. in Ol. oliv.; in preference to the solution in Sp. vin. rectificat.; moxa; and acupuncturation.

It certainly appears to me to be a distinct disease from the acute. Is it an exclusive affection of the nerves? Or can it be connected with the calculous diathesis, and calculous deposits about the joints?

CASE. Miss ——. Rheumatic headache. Jan. 26th. Pain in the head, and pain in the left shoulder for some time; cough, which has been habitual for years, better. R. P. jal. c. ʒss.; Ess. p. menth. gtt. iij. Cap. mané.

29th. The P. jal. c. i. Ess. m. p. had a very good effect, operated well, and she was much pleased with the preparation. Swelling of the face subsided, and pain of shoulder gone. Yesterday there was scarcely any remains of the headache. The pains have fallen on the knees, but are slight; her cough, which used to be excessively troublesome, has almost disappeared, though she expectorates, occasionally, a great deal of mucus. The tightness felt about the eyes, gone, and she is now at work. Repet. Pulv. manè.

March 24th. Head, eyes, and lungs relieved, and has, for several days, the rheumatic affection in the form of sciatica; pain extends from the hip to the knee, along the muscles; she has wrapped it up in wool. As she derived so much benefit from the purgative powders, directed one to be taken to-morrow morning, and repeated in two days.

31st. Pains quitted the limbs, and attacked the head, for two days past; shifts from one part of the scalp to another; over the parietal bones, occiput, &c. Rep. Pulv. alt. manè. 1829.

CASE. Mary, a servant. Nov. 11th. Had an ague last night, succeeded by fever and swelling, with pain in the left wrist; pain also in the left hip and right shoulder. Cal. gr. viij. h. s., and Sal. manè.

12th. No fever this evening; pain in wrist still, and in hip and shoulder, but none so bad as yesterday. Medicine operated well.

14th. Pain great all day in right shoulder; hip better, but limps in walking. Fever this evening. Cal. gr. viij. rep. No perspiration yet.

15th. Her medicine operated well; pulse still, as heretofore, small with very slight force, and little quicker than natural; shoulder not much swelled. Potus Theæ Saliviæ; no perspiration yet. Pil. Diaph. No. 1. St. Thomæ, h. s.

16th. Slept early part of night only; no perspiration.

Evening. Pulse much more excited. Cal. gr. viij. h. s., and Sal. manè.

17th. Rested better last night; sweated for the first time; medicine operated well; little fever, and pain in shoulder abated.

18th. Not so well to-day, as has been the case every other day, but fever moderate; pain in the shoulder only, complained of. Rep. Cal. and Salts.

21st. No fever; pain in shoulder less; walked about yesterday; arms nearly useless, from stiffness, and perhaps numbness; no appetite; tongue pretty clean; light food, and extreme abstinence enjoined.

22d. Fever this evening, h. s. Cal. gr. v., and Sal. manè.

24th. Feels no pain.

26th. At work, sewing.

Dec. 5th. She was taken early yesterday morning, with an ague, succeeded by griping, and discharges from the bowels,

which still continue. Very little fever now, 12 o'clock. Cap. Cal. gr. vii. h. s., and Ol. ric. manè.

Dec. 6th. Medicine operated well; cured. 1831.

CASE. Dick, a servant. Rheumatic Fever simulating Pleurisy. Nov. 15th. Dick, an inebriate, was taken with an ague in the country at noon, and was brought to town late this evening. His pulse active and quick; headache, pain in the side, and cough. V.S. ad $\bar{\text{z}}$ xii. and Cal. gr. vi. h. s., if pulse should rise; it was sunk by the venesection.

16th. His master found that the pulse rose considerably, and he gave him calomel; his headache is gone, but he feels a pain from the left shoulder down the arm; his cough has been of some continuance, perhaps natural; pulse moderate; calomel has not operated. This appears to be catarrhal fever; perhaps the subsequent symptoms will justify its being called bilious remittent, simulating rheumatism. Ol. ricin. $\bar{\text{z}}$ ss.

Evening. Medicine has operated most copiously; pulse full, and rather tense; tongue dry; has drunk cold tea. Pain from shoulder to the head, still complained of, particularly when the arm is moved.

17th. Weather extremely cold last night; but he was little sensible of it, from height of fever; pulse soft, full, and very little more frequent than natural.

Evening. The pain since the operation of the medicine has moved from the left shoulder and side, to the left elbow, down to the fingers' ends; and from the left knee, down to the toes, along the "sinews," as he says; very little thirst to-day; tongue dry and glabrous; pulse less full and soft, and a little quickened. Cal. gr. iij. h. s. No passage to-day.

18th. Calomel has operated; has taken a table-spoonful of Castor oil; pain better; pulse small, and very little quickened; tongue more moist, and there is a whitish-yellow deposit.

Evening. Medicine has operated well; has been sitting up; but is now in bed, with a considerable exacerbation of fever; in taking his right hand to examine the pulse, he expressed great pain from moving the arm.

19th. Pains and fever continue; slept well, and sweated in the early part of the night; fever, though, lower.

Evening. Tongue dry and shining; complains of great coldness this evening, though the pulse is rather full and tense. Cal. gr. iij. h. s.

20th. Rested well; left arm again worse; wishes to be bled in it; calomel has not operated; fever much lower; did not feel cold till this morning; though a very cold night. Thermometer now 30°. Ol. $\bar{\text{z}}$ ss. statim; did not cough at all last night.

Evening. Operated well; but he had a chill at noon, from getting up to work his physic; left arm, and instep of left foot, very painful.

31st. Left arm can only be moved by right hand; pulse much

reduced ; perspiration for first time ; tongue dry, but not glabrous.
Directed light food.

Evening. Rise of fever, but sweating all day. Rep. Cal. gr. iij.

22d. Calomel did not operate ; rested ; no passage this morning.

Rep. Ol. ric.

Evening. Medicine has operated ; found him asleep ; the nurse said he had been easy.

23d. Cal. gr. iij.

24th. Medicine operated. 1833.

PART II.

MISCELLANEOUS CASES.

CASE. Chronic diarrhœa. Mr. ——. May. Arrived in Williamsburg extremely emaciated, with a diarrhœa protracted from last December. His stomach has received no food, except a biscuit or two, for forty-eight hours ; his skin has been constantly dry ; appetite prostrate ; has not tasted animal food for some time, from loathing and disgust ; thirst insatiable. I gave him one grain of opium, and a spoonful or two of the following mixture after it, with Sp. æth. n. gtt. l. R. G. Arab. ʒij. ; Cret. ʒj. ; Ol. menth. p. gtt. iij. Aq. ʒiiss. He drank, during the night, a pint of boiled milk, undiluted. The skin next morning was covered with sweat. He took, for four or five succeeding nights, some of the above mixture, with ten drops of laudanum and forty drops of the nitric æther : his perspiration was completely restored, and his bowels regained their healthy functions. After a night or two, he had no occasion to get up to the chair. For the first two or three days he drank, with buttermilk and water occasionally, twenty or thirty drops of the spirit of nitric æther. He afterwards discontinued the Sp. æth. n., and took his buttermilk and sweat milk occasionally, with a partial dilution of water ; his appetite for animal food returned ; he ate principally ham and lamb for dinner, with some dessert of milk and sweetmeats or custard, with a little bread and butter. His breakfast was half a pint of coffee, mixed with the same quantity of boiled milk, sometimes with herring and bread or toast ; his supper, a glass of buttermilk. He drank, at first, sangaree ; but he discontinued it in a day or two ; he then took a table-spoonful of rum, and half a pint of water at dinner ; at last he used simple water. The first two nights after his arrival, his stomach had so far lost its tone, that he puked from the exertions in getting out of bed, to have it adjusted ; he then had a passage. For several days he complained of great burning in the rectum,

with some hemorrhoidal oppression : this induced us to omit the chalk with opium. Indeed, his bowels had so much mended, and his rest was so undisturbed, that opiates were unnecessary. He sat out this morning for Portsmouth, after remaining with us from the 22d of May to the 31st. Considers himself convalescent. 1818.

CASE. Chronic Diarrhœa. Mr. ——. July 27th. Has for three years laboured under disordered bowels, unaccompanied with thirst or appetite. He has pain only in the morning early, when he feels a rumbling in his bowels, and then a passage of unnatural fœces, never of consistency — of various colours; sore mouth; gums decayed; tongue furred; feels in his throat always something, that ought to come up; eyes sore, particularly at night; sleeps well, which is the only enjoyment that he has; seldom feverish, but skin always dry; has generally a little taste on the tongue; his passages are never of a healthy bilious aspect. Cap. Cal. gr. ij. bis Septemeron. His morning passage is generally enormous. When he raises himself in bed, he feels a load passing from his stomach downwards. The passages afterwards, are frequent; he is never costive, but looser at some times than at others; nothing that he eats has its proper taste. His pulse, this evening, is temperate, regular, slow; skin cool. Did not recommend any particular diet. He prefers milk; he would, therefore, eat it occasionally, when he felt very weak. I advised a little fresh meat; he dislikes bacon

Aug. 23d. Came from Charles City again, to get my advice. He says, he digests his food better. Two passages a day; more natural; feels but little pressure about the throat. Has had occasion to take salts, a table-spoonful, but once since he commenced the calomel. They brought up, and carried downwards, more bile than he ever saw. Tongue lost its denuded appearance, and looks natural; mouth well; still has, occasionally, blisters upon the gums; strength much increased; when engaged in business; not so much shortness of breath; better relish for his food now; generally eats milk; now and then a little broiled chicken or broiled squirrel. Not near as much of that rumbling in the belly, in the morning just before he rises; he feels his eyes sore yesterday; they have been mended during the course. The lump in his throat, which has molested him for a long while, by occasionally rising, gets smaller and smaller; it appears to him like a lump of bile. In taking the eight pills which I gave him on the 27th July, he has, the succeeding morning, perhaps twice, puked a little bile; they have never griped him; still sleeps well; skin most surprisingly cleared. R. Micæ panis, Calomel, aa. gr. .xvi Ft. pil. viij. Cap. ut antea.

Sept. 10th. He has gained flesh exceedingly. Has taken a pill every morning, Monday and Friday, and has found occasion only once, to take salts the following morning.

Last Friday, (this is Monday,) the pill operated smartly, and

brought away a large quantity of bile. He does not feel so well to-day ; says, his old complaint has returned ; thinks he has taken cold ; the wind has been N.E. for eleven days, and the weather very cold ; a blanket has been necessary every night. Advised a flannel shirt and drawers, and gave him eight more of the two-grain pills. He is just from Charles City.

Nov. 30th. His brother informs me, that he continues to mend ; and I sent eight more of the two-grain pills of calomel.

Jan. 4th, 1820. Sent him eight doses more. Amendment progresses.

May 21st. Perfectly well of his bowel complaint ; has gained flesh ; skin clear ; complains of numbness of his hands and legs, up as high as his knees, when he rises in the morning. Has, occasionally, pains in the bones of the knees, to use his expression. When the weather is cold, the numbness goes off, after using exercise ; he looks pale ; advised an occasional dose of Epsom salts. If there should be great disorder of the system from numbness or fulness, V.S. ; but in preference to either, to diminish a dinner two or three times a week. He has returned to the ordinary diet of health. Exercise and hard work to be used. A journey to the White Sulphur Springs, by the 15th of July.

He sometimes feels the old pain in the breast, though seldom. He attributes this numbness to getting wet, by falling into a run of water. But it is certainly owing to the stoppage of the habitual diarrhœa, or the leaving off the mercury.

Cured. 1819 and 1820.

CASE. Diarrhœa. George, a servant. July 14th. Has laboured under diarrhœa with fever, for several days ; passages free and pale ; pain in the back ; tongue like the rind of an orange. Suppose it was brought on, by remaining in the ice-house, during a very heavy rain on the 10th. I gave him a pill containing three grains of calomel, which began its operation several hours, after taking it in the morning, and continued to operate till in the night ; passages full and bilious.

15th. Pain in the back completely eradicated ; tongue clean, but still slight fever. Directed rice and light food. This is the only case of diarrhœa I have seen this season in a grown person.

CASE. Diarrhœa. Miss ——. March 11th. Cough at night, incessant ; pulse quickened ; tongue denuded ; white diarrhœa ; appetite bad ; sleepless ; respiration hurried on ascending an eminence ; leucophlegmatic. Milk diet. Cap. Calomel, gr. iss.

April 5th. Cough and diarrhœa occasionally ; prolapsus ani et uteri ; diet, milk and oysters ; swellings had nearly subsided ; tongue less red and fiery ; appetite good ; always thinking about eating — from a morbid condition of the gastric acid ; the erysipelas, which invested the legs, gone ; four passages yesterday — whitish ; whenever she eats meats, diarrhœa returns. She had

taken Nitric acid, gtt. v. omni manê, for three or four days; but great excitement and fever suddenly being developed, discontinued it, and gave her, for a few days, Sp. æth. nitr. gtt. xx. M., M., et V.; that was also discontinued, when the fever subsided. This morning, the feet again swelled; would eat fowls for breakfast; invincible dislike to milk; she sweated last night greatly. To stimulate the liver, Ung. merc. fort. ℥i. o. n. quartâ injiciend. Dr. Smith had before proposed the use of mercury, and even arsenic, but I had no experience in the latter, and did not like the use of the former, when there was such laxity of system. But after a lapse of several days, in which she appeared to mend, when the water had been spontaneously poured through the bowels, from the general cellular tissue of the body, and the complaint again assuming a formidable aspect, I agreed to the inunction; though the interposition of the nitric acid, would be a very useful subsidiary means.

Evening. Her skin is universally moist; she has been perspiring all day; her feet have been nearly reduced to the natural size; the cough, this evening, is pretty constant; she has had three passages since the morning; the passages assume a variety of aspect and consistence, in the course of twenty-four hours—thin, pale, greenish, and, occasionally, of the natural appearance; her spirits are better, and her appetite diminished; she still likes solid food and oysters best; requested to eat oyster liquor to-morrow, seasoned, when stewed, with vinegar. Rub in Merc. ung. fort. ℥i. h. s.

6th. Slept well last night; had but one fit of coughing; diarrhœa continues, but moderate; in other respects, the same.

7th. Rub in to night, ℥i. Face swelled; no fever; hands very moist.

8th. Did not sleep half an hour last night; the feet are again swelled; had gone down; coughed excessively last night; her passages were like sour buttermilk, which has been the usual consequence of eating milk. I recommended the omission of milk to-day, and to eat white meat—fowl.

9th. Neither cough nor diarrhœa last night; the evening cough did not come on; her sleep was uninterrupted; passages to-day healthy; still eats oranges, and finds them extremely useful for the cough; attributes the amendment of the bowels to the disuse of milk; face subsided; feet still swelled; sits up, and is at needle-work; eats white meat and asparagus. Rep. Ung. merc.

10th. Very weak; her hand trembles, when she works with the needle; feet still swelled, and a little inflamed; eats much still; rests well; alvine discharges, pale or watery; face now reduced.

11th. Pulse stronger; no heat of skin; had a natural passage to-day; slept all night; ate, for her supper, a little biscuit and sangaree; has drank a little to-day; slept all night; feet not inflamed. Mrs. — thinks the cough has been better, since the use of the mercurial ointment; has been able to walk about the house a little. Rep. Ung. merc. ℥i.

12th. Sick stomach this morning, though she rested well last night; the tongue more sore; bowels more disordered, and the

swelling of the feet increased. It is somewhat remarkable that the mouth should be more sore and the swelling increase, on the return of disordered bowels; perhaps she may have exceeded in the quantity of food; pulse, perhaps, a little exacerbated this evening; the cough not worse; she slept well last night; stomach appears swelled; did not examine it with proper attention.

13th. Diarrhœa has come on again; Mrs. — does not think, from improper food, but from the yellow, watery discharges, charged an effort of nature. Yesterday morning, her pulse was scarcely perceptible, and face deadly pale. To-day, she has had a high fever, with flushed cheeks; this evening, the pulse is quick, and skin hot. Mercurial ointment to be repeated.

16th. Diarrhœa continues, with fever; she coughed much last night.

17th. The fever seems to have vanished this morning; face is much swelled, from vehemently crying last evening for chicken; she had, at least, ten watery, bilious passages yesterday, and large; she passes a great deal of water; her cough very hoarse last night; found her eating chicken this morning for breakfast; feet the same.

Evening. She has had no alvine discharge to-day; perhaps for the first time during her sickness; her fever has not come on, and she has strengthened very much. It appears, that when she fills with water to a certain extent, great irritation is produced, and by the efforts of the constitution, it is carried off, together with the fever. Is there not, in this case, a retrograde motion of the lymphatics? Or does this sluice from the bowels arise from the accumulated secretions of the liver, &c., pent up as long as the pressure can be borne, suddenly irritating the coats of the bowels, and the whole fluids of the system determined to them? After several liquid evacuations, she will have now and then a consistent passage. There can be no doubt that the solid contents of the bowels are frequently fixed, and suffer the fluid excrementitious parts to pass by them, and they may be the occasion of diarrhœa itself occurring. Would not a dose of calomel, now and then, be very proper, to sweep the alimentary canal, from the extraneous and irritating matters? The solid matter may, by its adhesive properties being enveloped and mixed with lime, occasion its removal. It is the deterstive property alone of active bile, that can dislodge the bird-lime of the intestines, and give an opportunity to the lacteals to absorb the chyle, which, indeed, cannot be performed without its agency. For, it may be presumed, that, by its mixture with the chyme from the stomach, the chyle is disengaged. The liver promotes the second digestion — a perfect assimilation of food.

She has walked about to-day since the declension of the fever; cough gone. Mercurial ointment, ℞j., to be rubbed in at night.

19th. Mrs. — Supposed she had symptoms of gravel last night. She had had but one passage through the day. She did not get to sleep till 1 o'clock at night: warm applications relieved

her. Should it come on I directed a glyster; she had pain down the thigh, on one side. Very likely, there may be indurated fæces lodged in the lower bowels. Rep. Ung. manè.

21st. Passes now less water than Mrs. — ever knew a person; thirst to-day moderate, yesterday excessive; diarrhœa stopt; belly convulsively swelled; but through the clothes, could discover no fluctuation; face subsided, feet much swelled, cough moderate; mouth sore; gums not swelled, but quite even; no spitting — the ointment from this circumstance, has not touched the fauces; no mercurial fœtor. Ung. mane rep.

23d. Teeth sore; pulse wiry; not much quicker than natural; legs swelled and inflamed much, supposed from rubbing the mercurial ointment upon them; gums perhaps a little swelled; *no ointment to-night*; bowels but little loose.

24th. Salivation; blistered skin has broken; pulse rather more active.

28th. More swelled everywhere, particularly the belly, but stronger than ever; no thirst; no diarrhœa; sore mouth, not mercurial. Rub the loins with Ung. merc. \mathfrak{z} i.

May 12th. Four passages to-day; cough incessant; swelling of belly; legs the same; fever. Stop the N. acid.

June 9th. Since the 14th of May, she has taken three drops of nitric acid, morning and noon. The stiffness of the joints nearly gone; she can now walk about nearly as well as ever; the swellings have entirely disappeared, with the contractions of the hamstrings; her appetite is good; indeed, too good, and her countenance has lost the extreme pallid hue. She continues her rides in a carriage every day. She has eaten broiled chicken, morning and at dinner, for two months.

July 29th. She has become very fat, and has recovered her health completely. She has taken the drops to this time. Directed them to be disused.

CASE. Diarrhœa. Miss —, a child. July 30th. Playful yesterday, but has had disordered bowels lately; was taken this morning with fever, which came on gradually; about 12 or 1 o'clock, complained of headache; it subsided sufficiently by dinner, for her to eat a large crust of bread and a cup of lemonade, with apparent appetite. At 4 o'clock, said she was free from all pain except her back; when she went to bed, the fever appeared nearly off; she perspired, and slept sweetly. I awoke her at 9 o'clock, and gave her Calomel, gr. iv.; she said, she had two yellow passages this morning.

31st. Calomel did not operate. P. jal. c. \mathfrak{z} ss. After operating three times, she puked and brought up yellow bile; it operated downwards in an hour and a half, and brought away a glutinous, dirty-coloured stool; gave her lemonade and bread; no nausea; no puking since the first — that was from the windows of the room being all shut.

Evening. She has had eight passages, like the above; from her account she has of late passed ascarides; no sick stomach; appetite good; no headache, or pain in the back, or fever — *auspicious*.

Aug. 1st. No fever; the last passage which she had yesterday, was from eating soft, ripe peaches; it consisted of peaches and yellow bile, and was consistent. She has had this morning a healthy, figured discharge; the purgative seems to have induced a new action on the liver and intestinal tube. There was much morbid matter carried off by the calomel and jalap, perhaps the nidus of the ascarides. She is quite well this evening, and enjoying a good appetite.

CASE. Diarrhœa dentativa. Miss —, a child. Jan. 11th. Taken in August, when she cut several teeth rapidly; she has now all except the last molars; she has taken very little medicine — twice some P. rhei with good effect; Benne infusion and solution of Gum Arabic, mouth very sore; sick stomach; great languor; pulse full, and not quickened; a large, greenish, curdled passage to-day. Directed a table-spoonful of lime-water and one of milk diluted, four times a day, and to eat arrow-root boiled in milk, and once a day, at dinner, chicken. If sick at stomach to-night, half a tea-spoonful of Magnesia with Ess. p. menth. gtt. i. To ride out, when the weather would permit. She has a little cough.

12th. Slept well last night; took half a tea-spoonful of magnesia; it operated; she puked part up; it was mixed with peppermint; had only one small passage to-day. I advised half a tea-spoonful of Henry's magnesia to-night, in plain water instead of mint water; she sleeps in the day constantly, when rocked in the cradle; fond of riding; the weather, for several days, too bad for exercise out of doors.

13th. The magnesia operated three times; much reduced; more fever; quick pulse and hot skin; no more magnesia to-night.

14th. They gave another dose of Henry's magnesia last night. Although I did not see them, the passages are thought better; they are of healthier colour; face not so pale, and pulse not so quick, as yesterday evening; she rode out this evening.

Feb. 9th. Great amendment; fattening, and begins to walk. 1827.

CASE. Cholera. Jack, a servant. June 22d. Was taken yesterday morning with great flatulence, and distension of stomach and bowels, attended with looseness of the bowels. He discharged a great deal of frothy water, like soap-suds. In the evening, his stomach became very sick, and he was taken with puking and violent pain about the navel. He got some relief from the application of a warm brick; but the pain afterwards increasing, he took some ginger tea. This had no effect, and he took half of the following mixture, which finally relieved him:—R. Tr. op. camph. ℥iij. ; Sp. æth. n. ℥iss. ; Magnes. ℥i. ; Aquæ, ℥ij. M. During this complaint he could discover no bile, either in his puking or purg-

ing. It was brought on by eating cherries, and drinking small beer, the day before. He is about this morning, but is reduced, and says he does not feel altogether free, from slight pain in the belly. I directed him to take the remainder of the mixture, if the pain returned with violence, and to take care to keep his belly warm. Cold, in all these cases, may be considered as the predisposing cause; and the improper food, the immediate exciting cause. I did not see him till this morning. We have had frequent rains lately, and the weather has been so cold, as to render fire quite agreeable. 1818.

CASE. Cholera. Mary, a servant. June 22d. She complained of griping yesterday morning. They gave a dose of salts; the pain continued after their action. She took laudanum in the evening. Cholera ensued to-day. They gave her magnesia and lard. The puking continued, with immense quantities of green bile; cramp of the legs. I was called this evening. They had also improperly applied a blister to the breast-bone. I directed a sinapism to the belly, and one to each wrist; and one grain of opium, if they procured no relief. The blister on the sternum, which I removed, had remained there two or three hours.

23d. The pill was not given. The sinapisms which were applied to the wrists and stomach, acted in two hours; and together with hot bricks to the feet, and mint-julep, restrained the puking and other symptoms. There is, this morning still, a nausea. Directed panado, or rice seasoned with spirit, or wine and nutmeg, or ginger, and to drink julep or stewed wine. She was a grandmother thirty years ago. 1818.

CASE. Cholera. Mrs. —, July 4th. Has been indisposed for several days, with diarrhœa and sick stomach. The day before yesterday, she ate some blackberries, and yesterday greens for dinner, and some few cherries. This morning, she was seized with puking and cramps in the legs, and, indeed, in all the muscles of the body; she had frequent alvine discharges of greenish-yellow water; skin cold, and pulse imperceptible; pain in the stomach and sternum; the latter great; warm drinks were found most agreeable to the stomach. At noon, she puked the dinner which she ate yesterday, and at 2 o'clock cherries, from the quantity which she had eaten the evening before. At 3 o'clock, gave her Magnes. ζ ij. \bar{i} . Ol. menth. pip. gtt. ss., and repeat it in two hours; they both remained on the stomach. Sinapisms were applied to the wrists and epigastrium, before noon, and they were applied to the legs with some benefit. When I saw her at night, she had just got warm all over. The headache and confusion (of head), not mentioned above, and which were, perhaps, symptomatic, continue, and the nausea; the spasms in the extremities not so bad, or frequent; she had drunk a cup of tea. She said, I should kill her if I gave her calomel; but she consented at last to take a dose. Cal. gr. v. h. s.

Mint, infused in cold water, was applied to the stomach, and

toast and water drunk. Warm water was given, after she puked her yesterday's dinner. Three days since, she had an ague. She did not puke up any bile, but complained of great bitterness in the mouth, and what she discharged from the stomach was extremely bitter. She awoke at daybreak with shivering and shaking. This certainly was an ague, from great hepatic congestion.

5th. Pulse this morning more active; skin hot; fever completely evolved; calomel, from what I could learn, had operated, but not certain. Complains still of uneasiness under the stomach, and a loss of motion in the night, in the leg and thigh; the spasm was greater in that limb; they have now disappeared; the calf of that leg was drawn into knots. She complains still of dreadful, bitter taste in the mouth, and confusion of head; calomel seemed to compose the stomach; she did not sleep; she is habitually a bad sleeper. Has drunk a cup of tea this morning, and is excessively thirsty. Cap. Ol. ricini, $\bar{3}$ ss. at 9 o'clock.

Evening. The oil has operated eight times; and she has been very weak, and near fainting; pulse sufficiently active; skin moist, and she is better, in every respect; her evacuations were bilious; could not learn the complexion, &c.; has eaten a little sugar—not with appetite.

6th. The hiccup was troublesome all night; fever low this morning; pricking sensation on the surface of the body; skin moist; right leg and thigh coming to; can move it about. Stomach quiet; says, she needs a purgative. Convalescent. 1824.

CASE. Cholera. Mr. —. July 3d. Before he went up to College from his boarding-house, had two copious passages; another at College, succeeded by puking, after which he felt easier; he had cramps, he informed me, in the thighs. Waiting some time, and finding the remission of the symptoms, would justify removal to his lodgings, we had him conveyed in a carriage; he remained till 10 o'clock, without any return of puking or purging; was then seized with cramps in the lower extremities. R. Tr. opii, gtt. xv., Ol. menth. gtt. ij.; Ammoniaë, gr. vi.; Aq. $\bar{3}$ i. Cap. statim. He was perfectly relieved by the remedies, and had two alvine discharges late in the afternoon.

July 4th. Slept well last night; drank toast and water, and took a cup of tea yesterday evening. I think he is somewhat feverish; but he insisted on going to Church, to attend the orations. It is probable this operation of the bowels, and stomach, and cramp, were induced by eating indigestible food—Irish potatoes mashed.

CASE. Cholera. Jenny, a servant. June 23d. Taking with puking of bile in large quantity, and purging. Violent cramp in thighs. In an interval of ease, gave Cal. gr. xv. in three pills, and ordered a poultice of mustard.

Evening. Found her sitting up, free from pain; said she was another woman, and her pills had operated finely. She, I find, is an asthmatic patient, and has had spitting of blood and pain in breast, and subject to puking. No doubt, has some hepatic affection from drink. 1833.

CASE. January 30th. Esther, a free black, was taken with labour-pains on the 26th; on the 27th, the membranes broke, and the left arm of the child came down. On the 28th, I was called to her assistance, and found that the child was alive, as it frequently moved the fingers of the hand by flexion and extension. She had very slight pains, which returned at intervals, and the arm remained protruded till the evening of the 29th, when the pains were so violent that she begged for the dissection of the child. I could never introduce my finger higher than the tip of the shoulder; owing to the contraction of the womb, which had not descended into the pelvis low enough; nor was the os uteri sufficiently dilated for the extraction of the child by the feet, till the accession of those pains. I was absent about half an hour, and determined when I returned to make the attempt of delivery by turning the child, either by fixing the blunt hook in the groin and making it a breech case, or by getting hold of the feet with my hand and drawing down, or lastly, by dissection. It was now dead, as evinced by the emphysematous appearance of the arm which hung from the vagina. But, to my astonishment, when I came into the woman's cabin, I found that the case had eventuated in spontaneous evolution. The child was nearly born, the feet having ultimately presented, and in a few minutes it was completely expelled by the force of the pains alone. The day before her delivery I gave her 25 gtt. Tr. opii and 30 gtt. Sp. æth. nitros. On the day of her delivery, her pulse was much accelerated, the belly costive, and the tongue covered with a yellow sordes. Two domestic laxative glysters were administered. This was the whole of the medical treatment during the labour; the day after, she was pretty well, and, I believe, has remained so. 1811.

CASE. Nephritis. Mr.—, æt. 40. Has been subject to gravel; has complained of pain in the right kidney. Nausea; eructation; pulse full, and frequent; skin hot; thirst; costive. V.S. ad fbi . which produced disposition to faint. After the bleeding, he ate a small onion, which instantly relieved the pain; the skin became cool; pulse natural, this evening. He had been invariably relieved by eating an onion when in pain; he uses them in his diet. Finds, from drinking cider or punch, a pain is generally felt at the pit of the stomach; the blood covered with size; urine of natural complexion.

7th. April. Ol. ricini, $\text{ʒ}\text{i}$. 1811.

1811. In chronic affections of the stomach and bowels, when acidity prevails, all food should be taken cold. I suspect, in hemor-

rhoidal discharges, as well as profluvia mensium, the same plan should be adopted.

1811. Would not a clove of garlic, taken every morning, fasting, promote the expulsion of wind from the bowels, and by greatly stimulating the stomach, prevent its generation? Would it not also divert the force of the circulation to the kidneys, and carry off and prevent the return of dropsical swellings? Would it not have a tendency to subdue the predisposition to colic? Should this fail, what would be the effect of six grains of ginger, and the same quantity of Rub. ferri, o. m.?

Aug. 11th. Suppression of the Menses cured by giving Aloes, gr. iij.; Calomel, gr. i. alter. noct. Complained of headache, loss of appetite, and great sluggishness. After taking twenty doses, menses returned. Directed a dose of the pills to be taken every day, three or four days, before the next expected time. 1811.

1811. April. The complaints of this season have required purging to a very great extent: the catarrhs, headaches, rheumatic affections accompanying catarrhs. Those disorders were preceded by a number of cases of colic.

Several cases of remittent fever, attended with great pain in the head, and frequent puking for several days. Opiates did not answer: purgatives and saline mixture persisted in, conducted them to a salutary termination. They generally exhausted themselves in fourteen or twenty-one days.

The weather preceding these complaints, was extremely warm for the season. In one case, a complete jaundice succeeded. The columba, and other bitters, with soda and rhubarb, were given at the close of those disorders.

During the months of January and February, many cases of jaundice. In some, there was great pain of the epigastrium, which was relieved by V.S. and Jalap and Calomel. Many cases required no medical treatment.

1812. June. The mornings and evenings have been very cold during this month, resembling autumnal weather. One blanket was found very comfortable at night. Intermittents expending their force principally upon the stomach and bowels, sometimes attended also with cough, and pain in the head. They were chiefly quotidian. The stomach seized with cramp, with a constant fever, and commencing in the afternoon. The lower part of the belly and back affected, in some instances. The cases demanded the immediate use of opiates; the Tr. op. and Tr. op. c. were generally given; the next morning, purgatives. The tongue was generally loaded with a bilious sordes. The purging was continued till it assumed a healthy appearance; Castor oil with Sp. of Menth. answered best. V.S. was seldom used, unless the head,

and lungs were affected with a difficulty of breathing. In one instance, a child about eight years old, it was doubtful whether the lungs or intestinal canal was the seat of the fever. She took ℥ij. Ol. ricini. i. Magnes., without producing any evacuation. She appeared to be in exquisite pain, from the manner in which she breathed; it was the short breathing of spasm, not a wheezing, as if the lungs or bronchial system were affected. A common glyster and warm-bath relieved the child. There was a case of rheumatic swelling above the knee, attended with a periodical pain, every other day, in a child seven months old. Relieved by purging with Castor oil, Magnesia, and Syrup, with Ol. menth.; taken every other day, by tea-spoonful, until it operated. A case of double tertian attended with cough, in a child eighteen months old. An emetic of Ipecac. was given in the beginning; three grains of Calomel two nights; the last dose succeeded next morning by a dose of Jalap and Cremor tartar with Magnesia. She took the one-eighth of a grain of Ant. tart. for one or two days previously to the calomel. After evacuating the bowels in this way, the cure was completed by Decoct. cort. i. Tr. cort. Hux.

1812. March. Swelling of the Lymphatic Glands of the Neck, very common this season; reduced by purging. Sal. amar. (Epsom salts), ℥i. ; Cr. tart. ℥ij. ; dein. Calomel, gr. iiss. nocte, and Sal. amar. ℥ss. manê bis repetend.

1812. March. A case of Paronychia, cured completely, without waiting for suppuration, by a deep incision, from which was lost much blood. After the bleeding, a cataplasm of flaxseed, and in three days a cataplasm of basilicon.

Icteric cases, this winter, have been as numerous as the last. Where there was much fever, with epigastric pain, V.S. ; Emetics and Cathartics. In inebriates, Infus. amar. ℥i. ; Kali, ℥ij. ; Rhu-barb, ℥ij. ; Sp. V. Ten. ℥biss. Cap. ℥ss. ter in die.

Cases in the month of May, &c., 1814. The following cases and remarks I found in one small volume. As most of them were suitable to insertion, according to the plan which I had adopted, I thought it was as well to give them precisely as they were in the original, which has been done accordingly.

CASE. Remittent Fever. C., æt. 15, a maid-servant. May 4th. Was seized with fever last night; complains, this morning, of pain in the right shoulder, and a slight pain in the right side; slight cough; tongue covered with a thick yellow coat; pulse frequent, and rather full; face much flushed. Calomel, ℥i. sumend statim ex syrupo.

Evening. Calomel operated six times copiously; tongue clean;

pain entirely gone ; loose cough, but not troublesome ; skin hot ; thirst great. Allowed cold water to be drunk, *ad libitum* ; pulse full.

5th. Face free from flushing, and not so full ; appears to have fallen off since yesterday ; pulse frequent, neither full nor hard ; no return of the pains ; tongue clear, but rather dry.

6th. Convalescent.

7th. Accession of fever this morning, after having been clear twenty-four hours ; complains of no local pain ; tongue quite clean, and red ; skin dry ; face somewhat flushed ; pulse somewhat accelerated. R. Magnes., Kali vitr. āā. ʒss. ; Ant. tart. gr. ss. M. et div. in ch. iij. Cap. i. 3tiâ horâ.

8th. The powders puked her three times during the day, and operated several times in the night. She is without fever, and in other respects, free from pain, or any other complaint.

CASE. Remittent Fever. P., a female servant. May 7th. Has had an ague every evening, for two or three days past. She, yesterday evening, experienced a most violent pain in the ear, which was relieved by a tar poultice. To-day, she complains of most acute pain in the left shoulder, and left side and hip ; the former of which commenced with the first ague. Cough incessant ; expectoration of light-coloured mucus ; headache ; inspiration very difficult and painful ; skin moist ; complains of being chilly ; tongue furred, and yellowish. She took a dose of salts the day before yesterday, which operated well ; pulse full, and rather tense. V.S. ad ʒx. E. vesic. lateri dolenti. Calomel, ʒss. After V.S. the skin became dry and warm.

9th. Has experienced no return of the chill ; the calomel operated very well, and she discharged much bile ; she is without pain or fever ; tongue clean and moist ; pulse natural ; skin perspirable ; cough incessant and troublesome, though not dry ; respiration natural ; she expectorates but little ; cough prevents her from resting. Pediluvium noctê. She sits up, and works with the needle.

The *fevers*, this season, have generally been characterised by symptoms denoting hepatic congestion. The lancet has been used very sparingly. They have generally yielded to Calomel : Calomel and Jalap, and Ol. ricini, with blisters and light antimonials. They have generally assumed a remittent type, and have not been attended with the regular evening paroxysm of exacerbation of common pleurisies. I would call them *Peripneumonix Biliosæ*.

Others were simple Catarrhal Fevers. Some cases continued twenty days, and longer, with typhous symptoms ; but the cough was troublesome throughout, with very little, or no local pain. In those cases, opiates, blisters, and wine, were the only remedies relied upon. No case ended fatally.

I saw two of the typhous cases. In one, purgatives were used

in the first instance ; afterwards blisters to the chest. Cider and wine given liberally, and, now and then, P. Dov. noctè. There was much tremor in this case, particularly the lower jaw. In the other, blisters to the chest, and opiates given every other night. This case was attended with delirium, for three or four days in the beginning, which was completely relieved by the blistering. Two or three remittents.

The Measles have been prevalent in Williamsburg since November, till this time ; of so mild a character, as to require little medical treatment ; I have not had to use the lancet in a single case. When a diarrhœa followed — the Epsom salts, with P. Dov. or Vin. ipecac. i. Tr. op. c. generally answered. Tr. vin. ant. i. Tr. op. c. When the cough continued, E. vesic. pectori. i. Op. and Ant.

May 12th. A case of Quotidian Ague. There had been two fits ; patient complained of universal muscular pains. Removed by Jalap, gr. xv. ; Calomel, gr. x. Patient, male servant, æt. 25.

May 17th. A case of Tertian Ague. Delicate female, æt. 22. Has experienced two fits. R. Calomel, gr. iij. ; Jalap, gr. xv. ; Aq. font. q. s. Ft. pil. iv. Cap. manè.

May 17th. A case of Quotidian. A boy, æt. 10, was attacked last evening with a slight chill, cough, pain in left side ; went off with a sweat. Some symptoms to-night.

18th. Cough continues ; pulse rather quick ; no appetite ; tongue foul, with yellow sordes. R. Ol. ricini, ℥ij. ; Syrupi, ℥ij. ; Calomel, gr. v.

Evening. Operated well : pulse increased in volume ; tongue white ; slight chill, this evening, at half-past seven.

19th. No chill this evening, but fever, with copious perspiration ; cough very troublesome during the night.

20th. Pulse somewhat quick ; tongue white ; fever, fallen off ; had a passage in the night. Drank Cremor tartar-water, ℥i. during the day, which operated, and produced general relief ; return of appetite ; cough still continues.

21st. Cough much relieved ; no fever.

22d. Not disturbed by cough last night, and is now nearly free from it.

May 18th. Mr. —, æt. 50. Taken with a chill yesterday, at 12 o'clock, succeeded by fever. To-day, had another accession, at twelve, with slight chilly sensations, and pain about the junction of the short ribs with the back, and stricture about the head. R. Calomel, gr. viij. noctè.

19th. Took a cathartic this morning ; discharged a great deal of bile ; the calomel operated once in the night. In the morning, he took fifteen grains of Jalap, and ten of Cinchona bark, which ope-

rated six or seven times; and brought away immense discharges of bile.

20th. Rested badly last night. Took two doses of bark this morning, which induced much nausea. Directed Magnes., Cr. tart. āā. ℥ss.; and the dose to be repeated in the evening, if the first should not operate; the tongue being much loaded with bile, though no fever at present.

He took, between the 20th and 22d inst., several doses of Magnes. and Cr. tart., which had little effect. On the 23d and 24th, he took a dose of bark, as an aperient, before breakfast.

24th. To-night, finding his tongue still loaded, and slight returns of his fever at the usual period, and stricture about the forehead, he determined to take four grains of calomel, and in the morning to take ten grains of bark and ten of jalap. *He was advised, formerly, to unite* the bark to the jalap, to give it more activity, by —. It is probable, also, that it may obviate its debilitating effects upon the bowels.

CASE. Colic. P., a female servant, æt. 34. May 16th. Has complained of colic several days — the pain seated around the navel. Gave her, two nights in succession, one grain of opium, and had a sinapism applied to the seat of the pain. On the third morning, Ol. ricini, ℥ss. i. Calomel, gr. v. It operated well, but she experienced no alleviation of the pain during its action, nor after it had fully worked. At bed-time, gave her Tr. op. c. ℥ij., and re-applied the sinapism. The following morning, she still felt pain, which had not been at all relieved, by the opiate and poultice. R. Sal. amar. (Epsom salts), ℥i.; Tr. jalap, ℥ss.; Aq. ℥iv.; Sacc. q. s. Cyath. dimidium o. 2 h. The second dose completely relieved her, and she is, this morning, without complaint; both doses operated. Her pulse is quickened, which was before slow, and the skin is now warmer than natural.

17th. She sweated profusely last night, and feels to-day a soreness about the bowels.

May 15th. W., a male servant, has complained several days of pain in the umbilical region, and swelling of the testicle. R. Calomel, gr. v.; Ol. ricini, ℥ss. M. cap. statim. It operated well, and since complains of no pain in the belly; testicle still swelled.

18th. Testicle subsided.

Measles. E., a female servant, æt. 13. May 17th. Pain in the left hypochondrium; hot skin; tongue white, with a slight crust; pulse quick; has complained, for some days, of pain in the belly; the eyelids are swelled; no cough; pain in the head. R. Sal. Epsom, ℥vi.; Tr. Jalap. ℥iv.; Aquæ, ℥iv. M. Cap. dimid. nocte et alt. manê.

18th. This morning the pains in the head and side have vanished, although the night dose did not operate. The face and eyes

reduced to their natural size; skin cool; pulse natural; tongue covered with a white crust.

Evening. The morning dose operated five times; feels no pain; says she is pretty well.

19th. She is broken out this morning with the measles; her face is covered with the eruption, and she has a cough.

20th. Eruption disappearing from the face; complains of diarrhœa, with pain in the bowels; pulse feeble. Gave her Sal. amar. ℥iss. (90 grs.), which operated, and relieved her much.

May 20th. P. P., a female servant, æt. 24. Has complained for some time of pain in the hypogastrium. R. Tr. jalap. ℥ij. ; Sal. amar. ℥ss. ; Aquæ, ℥iv. M. Cap. ℥i. i. Sacchar., o. n. This kept the body open, and effected a cure.

May 17th. P., æt. 50. Has complained of pain in the right hypochondrium for several days, accompanied with costiveness; to-day it has been extreme; tongue yellow, but not coated; looks as if it were dashed with fluid bile; skin cool. R. Sal. amar. ℥ss. ; Tr. jalap., ℥ij. ; Aquæ, ℥ij. Sig. draught to be taken half an hour after the application of a mustard poultice to the seat of the pain.

Evening. Physic has operated four times, and pain gone; complains of the poultice only; pulse and skin natural; tongue not so much tinged with bile.

18th. Rested well last night. Pain returned this morning, and has continued all day, though not with its original violence; tongue white; pulse natural; skin cool; the pain, from its seat, must have arisen from some congestion about the time. R. Calomel, gr. v. ; Opii, gr. i. ; Micæ panis, q. s. Ft. Bolus. Capiat. statim et sinapism. part. dol. applic.

19th. The pill procured relief from the pain, and she slept well; it did not operate; tongue bilious. There is some swelling and hardness extending to the epigastrium. The second application of the mustard has blistered the skin. Directed an enema, if no passage before the evening.

May 20th. Rachel, a maid-servant, æt. 30, accustomed to much hard labour. Has complained for some days of severe pain in the belly, seated about the left hypochondrium, for which she has taken repeated doses of laudanum without effect, and while under its influence, been compelled to expose herself out of doors, in getting wood and other work. She is costive. R. Sal. amar. Tr. jalap, āā. ℥ss. ; Aq. ℥iv. Cap. statim.

Evening. The medicine operated well, and completely cured her.

During the month of April this woman suffered much from profluvium mensium, or excessive uterine hemorrhages. When I saw her, she was in a state of delirious stupor. I gave, for a night or two, Tr. op. c. i. V. ipecac., and opened the bowels with a dose of Castor oil. I then wound up the cure completely, by P. Dover, ℥ss. every night for a week or ten days.

May 21st. I have often witnessed the extraordinary power of Epsom salts, in relieving and curing stomach and bowel complaints, particularly acute dysenteries; — both autumnal and winter; or those arising from marsh miasmata and a humid atmosphere; or those from intemperance in drinking and eating, and subsequent exposure to intense cold, in which cases this medicine, in my hands, has invariably succeeded. It is very beneficially administered in diarrhœa attending measles, interposing the P. Dover at night, when a suspension of the discharges was necessary. In the preceding cases, I united the tincture of jalap, to give them rather more activity. The tincture of jalap I have found a safe, easy, and effectual purgative in gouty habits, and in the disordered state of the chylopoietic organs of inebriates and gluttons. Dose, from ζ ij. to $\bar{\zeta}$ ss.; to be repeated, at the interval of an hour or two, till evacuations are effected.

An introversion of febrile action, seems to constitute the nature of nearly all cases that have prevailed this month: the last were conspicuously impressed with this character. Scarcely a day has passed without a heavy shower of rain. The air is at present humid and hot; till within the last three days, winter clothing has been comfortable. The great indication in the treatment of this complaint, was to excite the secretions of the intestinal tube, in order to unload the inferior system of the aorta. Purgings acts upon the surface of the intestines, and upon the viscera, pouring their contents upon the *prima viæ*, like topical bleeding upon the skin. The pains in different parts of the bowels, in the cases above related, might be referred rather to congestion verging to inflammatory action, than to the pure spasm induced by atony in common cases of colic. Colic, which by nosologists has been divided into so many different species, invades suddenly, and may be traced to errors in diet, and some debilitating predisposing cause. The pain is exquisite, and demands the immediate administration of external stimulants to arrest it.

May 20th. P., a servant, *æt.* 24. Has not had a child since her fifteenth year — she then miscarried. Has complained some weeks of pain in the side, and some pain in the head. She has not menstruated regularly for some months. She is much reduced, and has lost her appetite. No cough, or fever. Skin rather colder than natural. Pulse feeble. Mitt. sang. in brachio $\bar{\zeta}$ x.

21st. This morning, pains relieved. Tongue slightly covered with a black sordes in the middle. An almost invariable mark of recovery, which I have frequently observed in acute pneumonic affections, particularly pleurisies.

May 23d. S., a female weaver, *æt.* 20. Was seized yesterday morning with a chilliness, which was succeeded by fever and sore throat. In the night the respiration was attended with a hoarse, croaking sound. This morning she is unable to lie down, from the extreme difficulty of respiration. She feels some pain about the

superior part of the sternum. I examined the state of the throat ; and could discover no mechanical cause for the impeded respiration. The uvula was of its natural size ; there appeared only a slight inflammation about the tonsils ; the tongue was covered with a whitish-yellow coat, the face was of its usual colour, rather pale ; her bowels were in an easy state ; she had a passage this morning, of a healthy complexion and consistence ; skin somewhat moist ; pulse rather frequent, by no means full. She menstruated on Tuesday, the 14th inst., and on Thursday, the 16th. She supposed it had received some check from sitting in a wet chair ; but on Saturday, there was a slight appearance. This morning she complained of nausea, and puked a little bile, of a greenish colour.

There appears no external swelling about the neck ; her mother blistered the throat yesterday. From the quantity of mucus about the fauces, she supposed her daughter had the rattles ; she has no cough. Cap. Ipecac. gr. xx. statim. Emp. vesicat. nuchæ. Pediluvium.

24th. Extremely restless all night, and could not sleep. The blister drew well, and relieved the breathing ; it is, however, still hurried ; but from being compelled, from a sense of suffocation, to be bolstered upright in bed ; she now lies down, and breathes as easily as she did yesterday, in an erect posture. Her deglutition is performed with more ease. She craved cold water this morning, of which she was allowed a small quantity, and felt much refreshed by it. I wish they had given her half a gallon. She has eaten nothing since Sunday, the 21st. Her eyes, since yesterday, have become blood-shotten ; her lips of a vermilion tint ; her tongue more loaded with bilious sordes ; skin dry ; palms of the hands parched. The emetic operated only twice ; and she puked much green, bilious mucus. She perspired, perhaps from the exertions of puking. Her skin was yesterday alternately dry and moist. No alvine discharge since yesterday morning. Her cheeks are extremely flushed, but neither tumid nor hard ; the blistered throat is not inflamed, or but very slightly so. I could not press down the tongue to make an examination (satisfactory) of the state of the fauces. Suppose there may be some swelling since yesterday, which has imparted tone to the parts. Her posture is recumbent, but she complains of being restless ; she throws her extremities about. This may arise from intestinal irritation and congestion. She has not puked, nor suffered from nausea, since she took the emetic. Pulse still frequent, and rather small. R. Magnesiæ, Cr. Tart. ãã. ʒi. ; Antimon. tart. gr. ʒ. M. et div. in ch. iv. Cap. i. 2dâquâque horâ. Gargarismus ex Infus. Salviæ, ʒss. ; Mellis, Aceti, ãã. ʒi. Potus Theæ Melissæ. Emp. vesicat. pectori. Pediluvium nocte.

26th. The antimonial powders operated three times, and the discharges were bilious. The blister drew extremely well, although she was restless. She did not sleep during the whole night, on the 24th inst. She slept last night, without intermission.

This morning, she has no fever; her tongue is moist, and covered with a brownish excretion. She feels no soreness about the throat, and the deglutition and respiration are perfectly natural. No redness in the tunica conjunctiva to-day. The nasal membrane is considerably inflamed. She has eaten nothing, but has drank plentifully of buttermilk, and has used cold water very freely. She is very weak. On examining the fauces, I discovered a little redness about the uvula and tonsils. She complains of her gums being swelled. An eruption has appeared on the lips. She complains of some pain in the left side, in the region of the spleen. Had no passage since the 24th. Convalescent.

This young woman informs me, that she awoke on Sunday morning with a sore throat. The ague did not come on till 10 o'clock. The pain of deglutition was then increased. The blister that was applied to the throat still continues open.

I have been thus particular in the description of this case, supposing that it was the Angina Maligna, which has lately raged in King and Queen County. The pulse did not indicate the use of the lancet. It is the only case of Angina that I have seen this season, attended with violent symptoms. The cure seems to have been accomplished, or, at least, expedited by the use of blisters. The pain left in the left hypochondrium, may be owing to the effusion during the fever. It is probably a weak part, from ague last Fall; and easily affected by febrile action from any other cause.

May 25th. A child *æt.* 14 months, has for some time had the vagina completely closed to the meatus urinarius; the mother does not recollect from what cause, or how long; it may have been born so. I introduced a probe from the orifice of the urinary passage, between the nymphæ, just under the raphe, passed it close to this part, pushing it out a little, and cut through it upon the probe with a sharp lancet: a dossil of lint was applied between the edges. The mother was directed to renew it every day till it suppurated; then to use a piece of lint spread with cerate.

May 26th. Was called to a woman with symptoms of gravel; of which she had complained two or three years. She has been married twice, and has not had any child. Neither of her parents were subject to gout, rheumatism, or gravel. All her family have died of acute diseases, chiefly upon the brain. She has drunk no ardent spirit, or other species of inebriating liquor. Her drink is cold water. She complains of dysuria, and pain and numbness down the thighs. Has used parsley tea, which has occasionally given her temporary relief; has frequent nausea. The urine turbid and whitish. *Cap. coch. parv. Magnesiz primo manè; et meridiè, et vespere, Pil. un. ex Sapone et Soda.*

July. These medicines have been of very essential service. The nephritic attacks now very seldom, formerly every day. She has

supposed herself well: but after the lapse of a week, she would have one, which would be relieved by taking one or two of the pills.

June 2d. P., a woman, who had borne many children, was delivered on the 26th, after being in labour several days. She suffered an immense flooding, which continued till the 27th ultimo. I advised the midwife to introduce the hand, get hold of the placenta, and extract it. She could not effect it; and observed, it had grown so closely to the womb, that she could not separate it. On the 28th, I inserted my hand very gradually into the uterus, got hold of a thick folded edge, and felt a pretty strong contraction; but she suffered so much pain, that I thought it prudent to desist. She was shortly after seized with a chilliness succeeded by fever, and in the evening she broke out into a sweat. As her bowels were costive, I advised in the morning a dose of Castor oil, which relieved her, by producing a large discharge of wind and fæces. On the 29th, she had glysters, which procured small passages. On the 30th, she took four doses of cream of tartar and magnesia, fifteen grains of each to the dose; they kept her bowels open, and reduced the fever.

June 1st. The placenta was forced into the vagina, from the pains becoming stronger; and it was removed easily, by the introduction of the finger. Several clots of blood were expelled before it came away, which were mistaken by the nurse for parts of the placenta. It was rolled up, and appeared hard and callous. She had but little fever, and her skin was moist, but she complained of great confusion of head. In this case, the placenta came away by the natural efforts, on the fifth day after the delivery of the child. It presents a good lesson against the officious interference of the accoucheur, unless it be in cases of flooding: and even then, the introduction of the hand alone will suffice to excite the muscular contraction of the womb; by this means effecting the expulsion of the placenta, and closing the bloodvessels. Though it may be generally necessary, when the funis has been broken by the rashness of the midwife, to grasp it and to bring it away, in order to put a certain and speedy stop to the effusion of blood. The funis was, in the instance before us, broken, which I forgot to mention, and the chasm which the branches of the bloodvessels filled before the accident was evident upon examining the placenta. Whether the flooding was occasioned by the midwife in her rude efforts to extract by it, I cannot tell. I am, however, induced to suppose it was suppressed by the irritation of the uterine parietes, in the introduction of the hand, when I first recommended this woman to extract the placenta.

Would it not be a good general rule, to wait till after the fifth day, before an attempt to extract the placenta, in cases of common retention? May not the uterus more perfectly resume its expulsive power about this time, when the milk fever usually subsides?

June 17th. Patient, a female weaver, æt. 45, labouring under

a remittent attended with dysenteric symptoms — 6th day. R. Sal. amar. \bar{z} ss. Cap. manè. Was called to her in the night, and found her much distressed for want of sleep; she complained of great burning internally, with heats and chills alternately, or *steams*, as she called those sensations, anxiety, and depression of spirits. She had easy evacuations from the salts, but they were now frequent and painful; her hands were cold, and her pulse feeble. She had taken twenty drops of laudanum. Her tongue was foul, and covered with a bilious crust. Magnes. coch. parv. Sinapism. epigast. applicand.

18th. She rested this morning, and was perfectly composed; fever rising. R. Sal. amar. \bar{z} i.; Aquæ menth. \bar{z} iv.; Aquæ, \bar{z} xij. Solve. Cap. f. \bar{z} ij. 2dâ quâque horâ.

Evening. She has taken four doses of this solution. It has operated very gently. She was strengthened so much, as to be able to walk about the room. Her countenance is more cheerful; skin of its natural temperature; tongue clean; pulse firmer; not so frequent. The disagreeable sensations which she experienced during the night of the 17th, it is probable, were induced by the opiate, and relieved by the magnesia and Epsom salts, which discharged the accumulated excretions of the bowels, bile, &c., and the morbid contents of the stomach. A clear stomach makes a clear head and cheerful countenance.

We have experienced a long and wet season. In the last forty days, we have scarcely had three without rain. The air has likewise been much chilled by several heavy hail storms, in different parts of the neighbouring country. The wheat has generally taken the rust. Most cases of fever, catarrhal and remittent, have been attended with loose bowels. Several cases of diarrhœa have appeared, with griping. They were relieved by divided doses of Epsom salts. Some werè attended with discharges of mucus or blood, but not so violent in their nature as in dysentery. To procure a respite during the night, the following draught was sometimes found necessary, after soaking the feet in warm water: — R. Ipecac. gr. i.; Kali vitriolat. (Sulphate of Potash), \bar{z} ss.; Tr. op. camphor. \bar{z} ij.; Aq. \bar{z} i. M. But, a very small dose or two of the Epsom salts generally removed the simple diarrhœa. Some cases of quotidian intermittents have appeared, and also simple tertians. Two cases of quotidians have been cured by giving the bark with vitriolic acid. The other case, a boy, emaciated by the measles. He took the bark without any addition. In both cases the tongue was sleek and clean.

May 19th. Thermometer. I do not recollect to have seen it above 76. It has seldom ascended to that point. 24th, A.M., 65. 25th, A.M., 62. There must have been rain or hail in the neighbourhood last night. 26th, A.M., 64.

March 1st. Mrs. ——, being indisposed from a fall, got cold;

and, being costive, took three seeds of the Palma Christi, the 26th inst. at night, which operated upwards all the next morning, and then turned downwards, and worked six times. It carried off, both ways, a vast quantity of bile, and by the bowels, white mucus. The nausea continues. Took, last night, Tr. opii, gtt. xvij. Advised cordial, and stimulant drinks. She has been much subject to colic.

8th. Suspected of habits of inebriety. Was seized early this morning with an ague, succeeded by violent pain in the left eye, and left side of the face; pulse somewhat hard, frequent, full; tongue whitish and dry; skin dry; no sleep last night. Bandaged the arm to bleed, and the veins became in an instant uncommonly turgid. Took a small cup of blood; pulse was instantly reduced, and pain relieved; blood sized. Give one grain of Opium in Aq. menth. ζ i. at bedtime.

9th. Slept well, and sweated profusely; feels much better this morning. Ordered the draught to be repeated to-night, if she should be disposed to rest.

12th. This morning, after being perfectly well, she was seized with a pain in the ear. Ol. ricini, ζ i.

13th. The purge operated well, but the pain continuing, she took a grain of opium, which produced relief in half an hour. This evening, free from pain, and feels a return of appetite. In the middle of the night there was a considerable discharge of fluid from the ear—perhaps matter. Her husband informs me, this evening, that she has been dozing most of the day. Could this have been a translation of the disorder to the meatus auditorius externus? Could inflammation have terminated in suppuration in thirty-six hours?

The opium perhaps induced that condition of system of blood-vessels distributed upon the meatus, favourable to the secretion of pus.

1815. January 29th. Mrs. — has complained of sore throat for two days. Last night she began to feel cold chills running over the body. This morning the respiration is difficult, and she complains of great pain, and swelling of the throat internally. She coughs, and now and then expectorates a little mucus, which relieves the throat. She complains also of soreness under the sternum. No headache, thirst, or external swelling. Tongue whitish; pulse but little, if at all, accelerated; rather depressed. She has not slept twelve hours for seven days, owing to the agitated state of her mind, from domestic trouble. She took a little Epsom salts the day before yesterday, since which her bowels have been sufficiently open. She used last night a gargle of vinegar and salt, which increased the painful sensation in the throat and the other symptoms. Took six ounces of blood from the arm. Applied a sinapism to the throat.

Noon. Respiration more free; complains of pain in the head,

and of pains shooting from each side of the throat to the ears. The difficulty of deglutition extreme. The temperature of the skin increased, and the pulse somewhat quicker. Not being able to depress the tongue sufficiently, I could not perfectly examine the state of the throat; a slight tint of redness could be discovered upon the velum palati. The mustard poultice was removed in an hour and a half after its application. The skin was only a little reddened. Directed one ounce of Glauber salts in an infusion of ginger, as she observed she could not take it without the ginger, being subject to pain in the stomach: to be taken by spoonfuls till it operated. Directed her to hold warm water in her mouth frequently, and to spit it out. She complained of barley-water acidulated with currant-jelly, which she had been ordered to drink occasionally, being too irritating.

Night. Deglutition and respiration easier; skin hot; pulse more elevated. The salts have not operated, although she has taken two-thirds. Has slept more than she had for a week. The mustard poultice was reapplied this evening, and kept on till the skin was more inflamed.

30th. She rested well last night; the salts operated three or four times. She is better in every respect. She expectorates freely, and complains of no soreness in the breast. Continues the salts.

Evening. Cough incessant; expectoration free; face flushed; throat easier; fever higher; head confused; salts have not operated.

31st. She has scarcely any fever, and has been in a perspiration this morning. The salts operated, and relieved the symptoms that distressed her last evening. The pulse this morning is small and somewhat quick; tongue clean; no bilious deposit upon it; complains of pain in the side. Repeat the Glauber salts, which she has taken in small doses, just to act lightly upon the bowels.

February 1st. She is sitting up this morning, with little or no fever. The cough continues, and she complains much of her throat. Her voice, which could all along be only uttered in a whisper scarcely audible, is now clearer.

3d. Convalescent. The cough continues, and the throat is still sore. She took, last night, a little paregoric and antimonial wine in the infusion of liquorice. This medicine induced a copious sweat, and relieved her. Directed the salts in divided doses again to-morrow. The symptoms have been generally relieved by them. She sits up, and walks about her chamber. The cough continued for several weeks after she was well in every other respect.

1815. May 3d. For three or four months past, we have witnessed a disease among us, spreading far and wide, of a most uncommon character. It was generally preceded by an ague or chilly fit, and followed by pains in various parts of the body; as the head, teeth, throat, breast, back, ear, knee, ends of the fingers, arm-pit, sides of the chest, and belly; but its most usual form has

been Peripneumonia notha, with some sore throat. In Williamsburg, we have seen all its varieties, but it has not been as fatal as in other places. In one instance, about eight miles below Williamsburg, the disease attacked the throat exclusively, and the patient died suffocated by the swelling, in about twenty-four hours. In the preceding case, with three or four others, the lancet was used with great caution. The disease had then just made its appearance here. As the season advanced, I disused the lancet, and trusted chiefly to the milder purgatives, salts, and castor oil, by which the bowels were kept in an easy state, by their daily use in small repeated doses. Blisters and sinapisms were applied to the parts affected immediately, and where the cough continued, the cure was wound up with small doses of Seneka. This plan was adopted, when its typhoid erysipelatous character was completely displayed. In some instances, the face was flushed on one cheek, and then on the other. Some, with those appearances, were teased with a most incessant cough, most commonly dry, though becoming moist after some days. The pain would shift from one part of the head to the other, and to the breast from the head, and from one side of the chest to the other, and to the breast and shoulders. The eyes were sometimes red, and the head so pained as to justify the presumption, that the membranes of the brain were inflamed. In some cases, where the activity of the pulse indicated the lancet, and I feared its debilitating permanently, I gave the tartar emetic with magnesia, and vitriolated tartar, (sulphate of potash,) in the following form:—R. Kali vitriol., Magnesiæ, aa. ʒi. ; Ant. tart. gr. i. M. et div. in ch. viij. Cap. i. 2dâ quâque horâ.

Opiates were not generally used to procure rest at night; but where the cough was excessively troublesome, after some days, small doses of the Elix. paregoric were given at bedtime, and repeated if necessary.

Mr. — was taken, in the latter part of February, with sore throat, two days before the accession of the chilly fit; which was followed by soreness and pain about the sternum; cough, with expectoration sometimes free, and at other times very hard and difficult, with little mucus; inflammation and weakness of the eyes; pain in the head. Pulse variable; at first full, and indicated the lancet. It was in the beginning, for several days, not more frequent than natural; it was then rather weak, with increased quickness. The bowels were kept open for several days, with small doses of salts. The parts first affected were blistered; to the head and wrists were afterwards applied sinapisms. To support the expectoration, small doses of Seneka, boiled with a large quantity of flaxseed, were given in the middle and latter stages of the disease. With a view of procuring rest, I gave, once or twice, some Paregoric at bedtime. It was not beneficial; the determination of blood to the head was too great. I think he was convalescent about the fourteenth day.

While he was confined, his little daughter, about eleven or twelve years old, was attacked with pain in the ear and fever, which continued a week, with flushed cheeks in the latter part of the day. She was very deaf until her convalescence. His little son, about four or five years of age, was seized, after the father got well, about the 20th of March, with a chill, succeeded by fever, acute pain in the breast, cough, with laborious, quick, short, and thick breathing, resembling croup. The daughter was first purged with salts, and treated afterwards with a solution of Kali vitriolatum, with a ninth part of a grain of Tartar emetic, every two or three hours. The son took the same solution, with the tartar, and the first dose operated most powerfully as an emetic. A blister was applied to the breast, and the next day a dose of Castor oil was given. He was confined only three or four days. I think he also took small doses of the Seneka, on the third day. The violent symptoms, which were confined to the respiratory organs, were completely arrested by the puking.

This epidemic did not always appear in the same shape, in the different members of a family, who were attacked with it. The common forms of this epidemic, was a pain in the head and breast, cough, and more soreness about the throat, which symptoms were generally preceded by a chilly fit. It pervaded the whole State of Virginia.

My usual plan of treating this disease, after I had made myself acquainted with its character, was simply to give a puke on the first day, or as soon as I was called, or requested to prescribe; and on the second day a purge, and immediately to blister or poultice with mustard, the parts affected. This treatment, in most cases, disarmed the complaint of its violence, or perhaps arrested it. When the disease was protracted under this treatment, I gave the Seneka, boiled with flaxseed, to promote the excretions from the bronchiæ and skin. Sometimes Tr. op. camph., at bedtime. I made pretty free use of wine-whey; but the great indication which I followed, was to preserve an open state of bowels. When the disease assumed the appearance of active inflammation, I first gave a puke and purge, and afterwards the tartar emetic with magnesia and vitriolated tartar. But when the disease was mild, and the cough continued with slight soreness of throat, salts were given in very small doses occasionally, every other day, or oftener, until the bowels were opened. In some cases, the patient remained with sore eyes. Scabby eruptions, particularly about the face and neck, have been common among the children, attended with glandular swellings; they were generally cured by purging repeatedly.

In one case, æt. 12, the epidemic disease fell upon the muscles of the neck, jaws, and throat, and assumed a tetanic aspect. She had fever; could with difficulty open the mouth; the bowels were costive; she could not lie down in bed, and deglutition was extremely straightened. Castor oil, ζ i. was administered every two

or three days, with the most decided benefit, producing relaxation of the muscular contraction. This case was very obstinate, and continued several weeks. Indeed, after she recovered, upon the slightest exposure to the easterly wind she felt pain, and stiffness about the parts previously affected.

May 12th. I have met with several cases of the epidemic in the country, attended with pain in the intestines, which were preceded by an ague. They were cured by the use of purgatives, chiefly castor oil; and blisters or sinapisms were sometimes applied. In one case, the patient complained of pain in the head and belly, with tenesmus. He was purged with castor oil; and his forehead, and afterwards the back of the neck, were blistered. The pains were relieved, but the fever continued. I gave him the powders of Tartar emetic, Magnesia, and Vitriolated tartar, every three hours, for two days; and then ordered tonics, as chamomile-tea and toddy.

I was called to a child about five years old, with the epidemic in the form of Peripneumonia, combined with Quotidian Intermittent. His skin was always covered with a general profuse sweat; the cheeks alternately flushed; respiration quick and short; cough sometimes dry, but generally loose; though he did not expectorate, but swallowed the mucus. Having been very costive, I gave him a dose of castor oil, and applied a blister to the side. His chill generally came on in the night. I did not see him till the third day. On the fourth night, the grandmother applied a blister a little higher up, in consequence of the increase of the pneumonic symptoms. I visited him on the fifth day, and finding the inflammatory symptoms still active, I prescribed the following: — R. Ant. tart. gr. i.; Kali vitr. ℥ss.; Aq. ℥v. M. Cap. coch. larg. 2dâ quâque horâ. The second dose operated seven times copiously; so much so, that the grandmother administered a little stewed wine to restrain it. Before I saw him this morning, the back of the neck had been blistered. The purging relieved all the symptoms. On the 6th day, the Decoct. seneka in small doses. On the 7th day, found he had missed his chill, which had usually come on later every night. Omitted the Seneka, and directed ten drops of Paregoric at bed-time, if it should be necessary. He had last night taken twelve drops, with the antimonial solution, which I directed on the fifth day. This dose restrained his cough, and composed him. I now considered him convalescent, his chills, sweats, flushings, and fever, having left him. Should the bowels get costive, I advised the administration of glysters.

As the warm weather approaches, the epidemic vanishes, or combines with the usual intermittent. I have seen, in Williamsburg, since the beginning of the present month, several cases of quotidian intermittent; some attended with pain in one or both eyes, with flushing of the face; others with pain in the belly, or in the breast.

When I have been called on the first day, I have given ℥i. of Ipecac. (except where the belly has been the seat of pain, and then I purged with castor oil or salts); in the evening a pill of four grains of calomel, and on the ensuing morning, an ounce of Glauber salts. This simple treatment has generally cut them short. The tongue, in those cases, was not foul, but there was a very thin, white deposit. In the last case, however, which occurred, I observed a thick, whitish-yellow crust.

Four hundred people have died with the epidemic in Halifax County, and it has been still more fatal in Brunswick County. It has also been very fatal in Frederic. The Northern and Southern Counties have been equally exposed to its rage.

I am induced to suppose, that the strong prejudices existing among practitioners, for some years, in this climate, against the use of emetics, are groundless; and have been the means of our fevers, often assuming a protracted or continued form. The redness and flushing of the face, with pain and disorder of the head, in the commencement of most of our febrile diseases, particularly those connected with intermittent appearance, are generally secondary or sympathetic affections, arising from the morbid secretions of the stomach, and from increased bilious effusion on the *primæ viæ*. When there has been this apparent determination of blood to the brain, I do not recollect to have ever seen an instance of any injury resulting to that organ, from the exhibition of emetics, or any convulsive symptoms indicative of such injury. There may be cases, and circumstances forbidding their use; but in the incipient stages of fevers, I do not know any general rule in practical medicine less objectionable, than to give an emetic. In the catarrhs of this climate they supersede the use of the lancet. In *Peripneumonia notha*, and in the most active forms of pneumonic disease, they may be given with safety and advantage. Perhaps in all those cases, divided doses of tartar emetic, as the sixth or eighth part of a grain, given to excite considerable nausea, without full vomiting, on their first invasion, is the most beneficial form of their exhibition. Many of the above cases, particularly young —'s, furnish decided examples of their efficacy. I am told, that an old and successful practitioner of this place, many years since, uniformly gave emetics in the beginning of pleurisies and peripneumonias.

Dr. Gregory, in his *Consp. Med.*, observes, that on the first days of fevers, by giving emetics, the stomach is freed of an oppressive and noxious load; the natural nausea and vomiting are removed; the anxiety is diminished; the pain of head is relieved; the strength, which would be exhausted, is preserved; sleep is sometimes conciliated; and the patient is preserved from violent and dangerous alvine discharges, which often happen in diseases of this kind. He further says, that it is worthy of observance, that vomiting medicines avail so admirably in fevers, that they resolve the most violent sometimes, as quickly as possible, and

arrest and expel some that are formed, or just approaching, of the very worst kind; they are also, serviceable, although so small a quantity be taken, as only to excite nausea without puking. This effect not being produced by emptying the stomach, must be accounted for in some other way. In a former article, (1395,) he accounts for the beneficial effects of emetics in the Cullenian way; by their overcoming the spasm or contraction of the extreme vessels of the skin, which is accomplished by some wonderful and manifest consent, although difficult of explanation, between the skin and the stomach: so that this affection of the stomach alters the condition of the skin, opens and relaxes it, expedites the circulation through it, perhaps also elicits sweat, augments the action of its vessels, and lastly, effects a greater derivation of blood towards it:— and thus restores a free, equal, natural, and gentle circulation of the blood, through the whole body. This theory of the proximate cause of fever, has been considered by some, since Dr. Cullen's time, erroneous; but it has led to a very happy and successful practice in fevers, particularly those in which the lancet is inadmissible. Larrey's first indication in the treatment of the "Plague, which prevailed in the Army of the East, during its expedition into Syria," was deduced from this doctrine. He says, the indications of cure vary, according to the stage of the disease. At its commencement, that is to say, before its symptoms appear, which may be called inflammatory, great advantage may accrue from evacuating the primæ viæ, by means of vomits, as occasion may require. Antimoniated tartrate of potash has the double property of giving, to the whole system, a salutary concussion, removing the spasm of the capillary vessels, and opening the pores; which should be assisted by diaphoretic and slightly antispasmodic drinks. These means *are* sometimes sufficient to *arrest the disease*; but, at times, they assist the exanthemata. When the inflammatory period commences, the antimonial tartrate of potash should be continued in small doses, infused in nitrated tamarind-water, or vegetable lemonade. If there be any signs of local turgescence, cupping-glasses should be applied; but general bleeding is by no means advisable, how violent soever may be the apparent symptoms of general plethora. Antispasmodic, theriacal drinks, stimulating pediluvia, lotions of the whole surface of the body, with equal parts of fresh water and vinegar, or citron juice, which may be obtained in great abundance in warm countries; and, finally, bolusses of camphor and nitrate of potash, to be taken at night, besides the ethereal draughts. At this period, a vomit would be dangerous; but it may be administered when the inflammatory symptoms subside, if necessary: it is very difficult to decide on the proper moment for the exhibition of this remedy, if it has not been administered at the commencement of the disease. At the end of the second period, which is generally from the fifth to the seventh day, the eruptions take place, such as buboes or carbuncles. The

eruptions should be assisted by maturatives and rubefacients. On the first appearance of the crisis, announced by the cessation of pain, heat, and rigidity, the re-establishment of cutaneous and urinary discharges, &c., for the acidulated diaphoretic drinks, we should substitute bitter tonic infusions, such as those of chamomile, arnica, angelica, sage, &c., or weak coffee, to which may be added citric or lemon acid, and sugar. This beverage, which is also very agreeable to the taste, we used with great advantage. In the third stage, which is truly nervous or adynamic, producing prostration of the vital powers, it is necessary to increase the dose of tonics. Quinia should be added to the bitters before enumerated. We should mix decoctions of coffee with vegetable or mineral acids, and bitter liquids. The doses of camphor should be augmented, and bathings of the surface of the body should be made with pure camphorated vinegar, or with camphor and brandy. We used brandy extracted from dates for this purpose. Larrey remarks, that the organs of digestion were first and most severely affected. After mentioning the precautions necessary to guard against the plague, as regular exercise, cleanliness, good regimen, establishing permanent *issues* or *evacuations* on some part of the body, avoiding the immoderate use of spirits, flesh, and milk; and recommending a great quantity of coffee with an infusion of sage, in the morning upon an empty stomach; to wash the body frequently with vinegar and water; not to bathe during the sickly season; to sleep in dry, airy places; frequently to change the linen and clothes; to avoid sexual intercourse: and, he says, on the slightest symptoms of saburra, to take a gentle emetic, with copious draughts of porridge. For this purpose, it is prudent to carry a few grains of an emetic in climates in which the plague is endemic. He says, that the soldiers who were wounded at the battle of Heliopolis, and siege of Cairo, were attacked with yellow fever. He considers that there is a strong analogy between this fever and the plague. While the yellow fever was acute, and presented symptoms of an inflammatory fever with jaundice, spasmodic vomiting, delirium, &c.; dry scarifications on the ligamentum nuchæ, and on the hypochondria, produced very good effects; or in lieu of them, a small quantity of blood was taken from the arm. But copious bloodletting was fatal, and it was even necessary to use the greatest circumspection in the first detraction of blood. Nitrated tamarind water, sweetened with honey or sugar, or a few glasses of nitrated and anodyne camphorated emulsions, taken at night, relieved thirst, and moderated intestinal irritation. If, in conjunction with these remedies, the bowels were moved in the first twenty-four hours, we had hopes. We then continued the use of cooling medicines, anodynes, of antispasmodics, followed by laxatives of neutral salts and calomel, and tonics and antiseptics by degrees. *Emetics* would have been pernicious. But, if in opposition to these means, the symptoms increased, the disease terminated fatally. When, on the contrary, the disease commenced with ataxic symptoms, such as

prostration of strength, faintness, chilliness, blackish tinge of the tongue, and constipation, *emetics*, in general, removed the spasm, re-established the powers of the stomach, and facilitated the action of tonics and antiseptics: we then exhibited the latter with some success. Cinchona and camphor, combined with opium, Hoffman's mineral liquor, and bitters in suitable doses. The cortex appeared to be less effectual than good wine, brewed with sweetened lemonade, and to which a portion of ether was afterwards added. Coffee was to us highly useful, and we employed it to great advantage, where the disease had passed the second stage (in this stage in yellow fever, a yellow colour appears and extends over the whole surface of the body; in plague, livid spots, petechiæ, carbuncles, buboes). When suppuration was re-established in the wounds, and the patient was on the recovery, it expedited in these cases the return of the vital powers, and gave nourishment. These means were prescribed in, and their use modified at every stage of the disease. Spurge-laurel and mustard pounded with vinegar, and applied to the hypochondria or back, co-operated greatly with these remedies. In this disease, I remarked the injurious effects of cantharides; therefore, I seldom used them. Wounds complicated with bilious fevers, were dressed according to particular indications. They were sprinkled with camphor and bark, when they were threatened with gangrene, and we used the vegetable acids, chiefly of lemon, which is abundant in this country. If they assumed the symptoms of putridity, I also ordered lotions of vinegar strongly camphorated, to be used on the head, and over the surface of the body.

June 17th. 1817. Several cases of Sporadic Typhus have appeared within the last two months. The first which I saw, a carpenter, *æt.* 37, was attended with immediate prostration of strength, and a very lengthened chilly fit, delirium, and blindness. Blistering between the shoulders and forehead, was immediately used. Light aperients afterwards, as Cr. tart. and Magnesia; stimulant drink, toddy; Rhubarb and Magnesia, *ââ.* gr. x., *î.* gr. iij. of Ginger towards the close of the complaint. The next which occurred, a woman, *æt.* 45, was attended with violent pain of head and great throbbing; full pulse. $\frac{1}{2}$ ij. of blood was taken from the arm; the pulse sunk the next day, and was never afterwards much excited. Cr. tartar was the only aperient that I could venture to use. Symptomatic delirium followed. She was blistered once between the shoulders, a few days after she was attacked. Her convalescence was slow. She was plied well with ardent spirit.

The worst case was (a student, *æt.* 17) attended with headache; sore throat, which did not appear inflamed, but was owing to relaxation of the uvula; and full pulse. On the third day, gave four grains of calomel; symptoms of diarrhœa supervened. Gave wine copiously, also porter. Ripe fruits seemed to correct

the fetor of the alvine discharges. The fever was protracted to thirty-five days; he took but little medicine; was not blistered; he was delirious generally, and in a dozing state. The activity of the pulse was pretty considerable, with copious sweats occasionally. In the morning, being the latter stage of the fever, Inf. serp. \bar{i} . Cham. was used. The bowels became costive, and we were occasionally compelled to use injections; he was much emaciated, and became very deaf, as did the former patient. The symptomatic diarrhœa was so profuse, that we were compelled to check it, occasionally at night, by the following:—R. Tr. op. c. \bar{z} ij.; Cr. præp. \bar{z} i.; Ol. menth. gtt. ij.; Aq. \bar{z} ij. M. Cap. \bar{z} i.

The next case was a young lady from Gloucester, about thirteen years of age. I did not see her till the fever had progressed several days; she had cough; flushed face; was mildly delirious; diarrhœa. Gave her an emetic, and afterwards, ripe fruits; she became deaf; she took no more medicine; her convalescence was slow. The next case, a boy, about nine years old, complained of his head; skin hot and dry. Had taken an emetic and a purge. I gave him, for several days, solution Kali vitriol., which has kept the bowels open; and afterwards, when affection of the mind subsided, and the skin became cool, Infus. serp. \bar{i} . F. cham., strong drink, &c. His appetite returned about the ninth day; no symptomatic diarrhœa. There was an evening exacerbation in all those cases. By giving a puke, more especially Ant. tart., in broken doses, till it operates, five grains of Calomel at night, and the following morning, Sal. Epsom, \bar{z} ss., I think I have arrested this complaint in its forming state. In all those instances, the prominent symptom was pain in the head, and foul tongue, generally tinged with bile; pulse frequent, and in no case full; a disposition to chilliness; and although the weather was warm, a desire to be covered with an immense weight of bed-clothes. In all of those fevers, the patient complained of the sensation of cold during the fever, and convalescence also. Mr. —, a student, in a very warm day, was covered with five blankets. In the three young patients there was epistaxis (mild). Mr. — had an oozing of blood from the nose and gums. Besides those cases of the common typhus mitior, we met with some which presented the old characters of the winters 1815 and 1816; attacking with whimsical, erratic pains, &c. Mr. — of Surrey, lost several of his negroes with it. My health would not permit me to engage in full practice during this winter; therefore, could not well ascertain the nature of the fevers. The above cases which I saw commenced in May. We had among us the mildest species of measles I have ever seen, this winter and spring; owing, I suppose, to that state of the atmosphere which was disposed to mild typhus, which has counteracted or moderated the force of the morbilious poison upon the sanguineous system.

1829. Feb. 5th. Charles, a servant, sent his wife to me this evening for some eye-water. I sent him \bar{z} ij. of water, which con-

tained two grains of Zinc. vitr. and six grains Plumb. acet. It was perfectly transparent. By a mistake, it was emptied into a mixture of molasses and water, which he drank.

9th. He felt no bad effects from the Acetate of zinc. Whether it acted as an astringent, I do not know. I told him it might. He sent this evening for a dose of calomel and salts. Gave him Cal. ℞ss. in pills, to-night, and ℥i. Sal. manê.

1822. March. This month has produced many cases of vomiting, which has been sometimes attended with purging, in the beginning, among the children. Calomel was given generally in the first instance, which remained very well on the stomach, and purged them; castor oil was then given. In one instance, it was found necessary to give a dose of Calomel, and then broken doses of Magnesia with Ol. anisi. Large quantities of worms were voided; the oil was repeated, and a warm bath restored the child; most of them had a cough.

Mr. —, was seized on the 16th, after dinner, with nausea, and puked, at different times, what he had eaten — beef soup and cold beef. He had been some time troubled with a cough. In the night, the cough was increased, with excessive irritation about the superior part of the trachea; a purging supervened. He had five copious stools, with some symptoms of colic, or pains in the belly. He was given two doses of laudanum during the night, both of which he puked up; he was then given paregoric, which he retained. On the 17th, in the morning, I found him labouring under excessive thirst; he had just finished the tenth cup of tea. Cough troublesome; but the puking and purging had vanished. Supposing there might still be some acid matter about the coats of the stomach and bowels, I gave him, at 12 o'clock, Ol. ricini, ℥i. By 6 o'clock, he had two very small passages, and had slept pretty well during the evening, occasionally waking, perhaps from the irritation about the larynx. At 7 o'clock, he had a larger passage, and while in the act of having it, he discovered this irritation to subside. On the 18th, he was much better, and had left his chamber; said he had got rid of his cough by this attack, and slept well all night. Since this he has been well.

July, 1822. The Cholera Infantum has this season been treated simply with Calomel, gr. ij., whenever the stools were vitiated, with pain and heat of head, cold extremities, &c.; giving a teaspoonful of Epsom salts the morning after, if necessary. A little magnesia in peppermint-water, now and then.

CASE. Mrs. —. Imitative Hepatic Fever. Nov. 26th. Chill in night, at three.

27th. Headache, and full pulse this morning. At half-past nine, Calomel, gr. v.; at 1 o'clock, a table-spoonful of Epsom salts; operated at 3 o'clock; five passages by seven; complains of great

pain in the back. At 10 or 12 o'clock, there must have been an exacerbation of fever; face then much flushed; before that, about noon, there must have been a remission.

28th. No pain in the back; pulse rather full; better in every respect. Cap. Epsom salts, coch. parv. ij.

Evening. Some rather active excitement of the arteries still, and heat of skin much increased. The salts induced great sickness of stomach, and operated well.

Dec. 2d. No chill last night; had two passages, and sweated profusely; this morning, convalescent. She was delivered three weeks since, and has taken one tea-spoonful of Epsom salts every night; there is some suspicion of derangement of the liver: this appears to be an irritative fever, probably from that source. Directed, last night, a tea-spoonful of the salts. 1824.

Miles, a coloured man, who has been afflicted with pain in the back and left shoulder for some months, took, a few days since, one gill (ʒiv.) of Spirits of turpentine, which puked him, and operated downwards violently. He says, that he still passes urine which smells strongly of turpentine. He has felt no inconvenience from it, but is about his usual business. His back is better, but shoulder still pains him. Oct. 20th, 1827.

CASE. Dysury. Gabriel, a servant. April 20th. Has laboured under dysuria for some weeks; has not been able to pass his urine in a full stream; since last night there has been a complete retention; has made repeated efforts, but to no effect; feels a pain about the nates and pubis, and pain on pressure; pulse frequent and full; sweating profusely; pain and retraction of the testicles; has a bubonocoele, which has an uncommon feel, like a small bladder distended with air, or a fish sound; he says, it has been there for years, and has never gone up. At noon, gave him ʒss. Epsom salts i. Magnesiae, gr. xiv. He had eaten baked sturgeon for breakfast; no loss of appetite, and not the slightest nausea. Saw him about sunset; pains not relieved; had passed about one table-spoonful of urine. Took ʒx. or ʒxii. of blood, which, he says, relieved him somewhat; pulse much reduced by it; blood buffed. gave him immediately ʒi. Ol. ricini.

21st. Medicine operated well; ate his breakfast with an appetite; thought he had completely emptied the bladder; supposed he had passed a pint of urine; little or no fever; skin quite cool; not entirely easy about the region of the bladder. Directed a spare diet, and abstinence from ardent spirits, of which he has made too free use generally. There were some glandular swellings in each groin, which I forgot to mention yesterday. About twelve months ago, he was much subject to a stomach complaint; he regularly puked up his meals; I suspected there was some organic disease of the pylorus. He had, however, perfectly recovered from it. Last year, in the summer, he was attacked with a bilious colic, which was cured by a dose of calomel and a purge; at that time

his elder brother observed, that it was useless for me to prescribe for him, that he had been tricked, as the negroes call it, which I suppose means poisoned, and that he must have a *Negro Doctor*. He has, however, displayed no appearance of disease since; but has frequently laid by, probably from intemperance in drink.

22d. Still feels a little pain; has passed a sufficiency of urine.
1827.

CASES. Common Costive Fever. Fanny and Patty, servants. Dec. 8th. Pain in the head and limbs; costive; full, active pulse; hot skin; have had no sensible chill. Both to have Cal. gr. viij. and P. jal. c. ʒi.

9th. Medicine operated well last night and to-day,—Patty's during the whole of this day. This evening, her head quite easy; pulse much reduced, and she feels weak. Fanny's tongue is quite clean and moist, yet complaining of great abdominal pain, and pain in her back; she is lying before the fire, and sweating; pulse accelerated, probably from this cause; pulse reduced comparatively. Directed a sinapism, ad part. dol., and if not relieved, Cal. gr. v. h. s. and Sal. amar. manè.

10th. No return of fever in either. Patty has resumed her station. Fanny had no occasion for the pill or sinapism last night.

In both cases, V.S. from the state of the pulse might have been admissible; what was the exciting cause, I know not. The day preceding the attack was attended with continued rain, but I suppose they were not out. The source of the febrile irritation was probably seated in the bowels, and carried off by the alvine discharges. 1828.

CASE. Anomalous Bilious Remittent, with pain in left side imitating Pleurisy; and pain in Hypogastric region imitating Colic and Peritonitis. Marie, a servant. May 18th. Three or four months pregnant; pain in left hypochondrium; fever.

19th. V.S.; Cal. gr. v.

20th. Ol. ric. Better, except soreness.

21st. Better. All day so.

22d. Ague, at 9 o'clock, p.m.

23d. Pain of side last night; this morning excessive; a little cough; sinapisms applied, but with no effect; no passage.

Evening. Head painful, thumping; cold feet; pulse a little full, with a flirt; old abdominal pain returned; left side, about the seventh rib, greatly pained still; V.S. ad ʒxii. Pulse reduced by venesection a little. Cap. Cal. gr. v. h. s. Tongue pretty clean.

24th. Coughs, and spits now, of a muddy pleuritic aspect, but still acute pain. Ol. ric. statim.

Evening. Easy, at noon; calomel operated once and oil three times; fever low this evening, but pain still so great, that she can only lie on the back. E. vesic. lateri. Pain still, in lower belly; headache came on again; pulse merely a little excited.

25th. Slept better last night, and coughed less; blister was re-

moved before it had completely drawn, this morning ; pulse quicker than natural ; skin dry ; feet cold as usual. Directed a bottle of warm water to be applied to them.

Evening. Still pain ; cannot fetch a long breath ; rise of fever, but pulse not much quickened ; feet got warm ; increase of headache. Cal. gr. v. h. s. Re-apply blister.

26th. Lying fully on the right side this morning ; blister again did not make any impression. Took oil early this morning ; neither it nor calomel had operated ; pulse not so quick.

Evening. Pain shifted forward ; very warm. Apply sinapism.

27th. Fever every night, or in the morning ; pain still ; cold up to knees ; headache.

Evening. Pain in belly increased ; fever lower ; skin hot and dry. Gruel, f̄bi. ; Epsom salts, coch. mag. iij. Ft. enema ; statim injec. Cal. gr. v. h. s.

28th. Glyster relieved. Oil this morning ; fever very low.

Evening. Pulse scarcely quicker than natural, but pains returned ; passages dark ; medicine had finished its operation.

29th. Fever and headache.

Evening. Cal. gr. v. and Ol. ric. manê ; and enema, if pain be violent.

30th. Evening. Much better ; very little fever ; hungry ; wished savoury food.

31st. Evening. Return of pain in head and bowels, and increase of fever. Cal. gr. v. and Ol. ric. manê.

June 1st. Medicine operated well ; pulse at twelve, more flirting and quick ; still headache. 1828.

CASE. Congestive Fever. A boy. August 28th. Chill last night and this morning ; coma at noon. Cal. last night, and jalap this morning, without effect. Coma went off, after three glysters. Directed calomel to-night, and a purge in the morning.

29th. Medicine operated well ; pulse this evening quick and rather hard ; no ague yet. Directed lemonade, and to begin in an hour.

30th. Ague last night ; fever mild ; ague this morning, from nine to twelve ; no complaint of heat, and required fanning ; extreme parts cold ; remained comatose longer. I left him so at half-past seven ; noctè, Cal. gr. v. Saw him then.

31st. Fever in course quite low, and pulse very moderate, as to force and frequency ; tongue very dry and yellow ; puked the salts. Directed a Seidlitz powder, o. 2 h., or P. jal. c. if rejected.

Evening. Seidlitz powder operated well, and ceased at three this afternoon ; no chill this evening, but fever began to rise early, perhaps at two ; now eight. Face flushed ; heat generally diffused ; has not slept to-day, but is now sleeping. Directed a half dose of the Seidlitz directly, and if it did not operate, to repeat it at ten. Great desire for ice ; allowed ice-water to drink, and to apply it to the head ; skin dry ; there is some nausea.

Sept. 1st. Slept not as well as before; the two half powders produced two evacuations; two before twelve, and one this morning early; fever continued till it was blended with the chill at 11 o'clock this morning, when the toes were cold one hour and a half, with slight delirium and coma mixed; thirst great; after the extreme parts got warm, about half-past twelve, I left him.

Evening. Spasmodic affections of the limbs from three until seven; at eight used cold sponging; lay composed for some time; feet and hands hot, cold afterwards; restless; moaning; inability to swallow; pulse, two hours since, full and active; since somewhat reduced; head not hot; has been less so than the feet, during the evening. Applied a blister to the back of the neck, and as soon as capable of deglutition, to give five grains of calomel; if any appearance of sinking, sangaree.

2d. Blister drew; able to swallow the calomel at five; at eight, pulse excited. Gave him P. jal. c. ζ ss., and directed the repetition at ten and twelve; mind not perfectly distinct yet; skin has been invariably dry, and of a dirty-sallow tint.

Evening. Stupor continues, and occasional jactitatio; taken two doses of P. jal. c.; two small passages, and four moderate ones, all dark; black bile. Cap. Cal. gr. v. h. s. No passage since 5 P.M.

2d. Rested all night; mind perfectly clear; pulse slower; less agitated; irritation about the blister, which had been exposed, not being able to keep on any dressings. Took P. jal. c. ζ ss., very early. Had not operated, nor had the calomel at seven, except a very small bilious clot; skin dry; great change in the weather; Therm. down at 74° .

12 o'clock. Two passages, of the same black aspect; has eaten nothing since the commencement. For the last twenty-four hours, drank nothing; passed the usual time for the chill, 11 o'clock; had prepared, some weak sangaree and toast; he would take only two or three tea-spoonfuls; complains of great weakness, though he supports himself on the side; no thirst; no appetite; pulse somewhat more quickened and fuller; mind perfectly distinct all day.

Evening. Had another passage; weakened. Mint julep, which produced temporary excitement; ate a few grapes; fever (artificial) soon subsided; countenance and actions natural, and pulse nearly so. Convalescence?

4th. Fever goes on; pulse more excited than last evening; I left him in the evening; feels an appetite. Directed half a Seidlitz powder, and to repeat it, if no purge from first dose.

Evening. Slight exacerbation at 3 P.M. Three passages, dark, from Seidlitz; had to stimulate with mint-julep. Cap. Cal. gr. iij. hor. somni.

5th. Complains of pain in the breast; but referred improperly to that part; has been sick at the stomach; took the Seidlitz powder at six; had not operated. Gave P. jal. c. ζ ss., which was imme-

diately rejected. Directed another dose at ten. Fever as high as last night; tongue covered with a bilious coat.

Evening. Fever subsided much; very little heat in the epigastric region. The P. jal. c. taken at ten, he could with difficulty retain; it operated three times; alvine discharges still black; has eaten milk and apples, in good quantity, with relish.

6th. Rested well; little rise of fever in the night; low this morning; tongue brown; no pain in breast; Seidlitz powder now, and at ten, if necessary.

Evening. Took three half doses, which operated twice; passages changed to healthy appearance; skin soft; appetite good; light food; no medicine to-night.

7th. Slept well; very little fever; to take his ordinary breakfast, and to sit up; had a passage in the night, of still good aspect.

8th. Appetite good. To take his usual breakfast; ate fruit of different kinds yesterday; had no passage during yesterday, but one in the night of the 6th.

Evening. Healthy passage yesterday and to-day; left eye inflamed, and cheek pained; more heat of skin, and excitement of pulse, though anxious for food. Allowed a little milk and bread for supper. To-morrow morning half a Seidlitz powder, to be repeated if necessary.

9th. Ophthalmia vanished; cheek a little sore where pressed; had a passage before the powder, and two after it. Fever extinct, or nearly so.

10th. Ague last night and this morning, with slight cough, and suffusion of eyes. Cal. h. s. and S. powder, m.

11th. Evening. Fever high, and perhaps has had a chill; appetite for meat; has eaten squirrel-soup, &c., for dinner. Directed Seidlitz powder to-night, and in the morning.

12th. The powder taken at night operated several times; some symptoms of chill at noon, or later. Directed Calomel to-night; slight stitch in side, and cough now and then.

13th. Ague at 4 P.M.

14th. Fever; perspiration at six this evening. Quinine to-night, and in the morning.

15th. Quinine stopped the fever; at five, this afternoon, clear.

19th. Yesterday evening relapsed; his father gave him Calomel and P. jalap. comp. this morning, which operated well. Then two doses of quinine. No ague this evening, or since yesterday evening. 1829.

Fever at New Quarter (a farm in the neighbourhood), cured by V.S. and purging, with neutral mixture; attended with pains counterfeiting rheumatism. 1829.

CASE 1st. Grace, a servant. June 28th. Taken with a chill and headache at noon.

29th. V.S.; Cal.

30th. Chill at noon; headache never subsided; purge continues to operate this evening; talkative. Emplast. vesic. inter-scap.

July 1st. Ague again, fever high.

Evening. Cal. and Salts, manê.

2d. Repeat emp. vesic.

3d. Fever still; headache. Cal. gr. v., and Salts, manê.

5th. Convalescent.

CASE 2d. Mary, a servant. June 30th. Unwell for several days; chill all day; headache; sciatica and general pain in lower limbs; intolerance of light. V.S.; Cal. pp.

July 1st. Cal. pil. gr. v. h. s., and Salts, manê.

2d. Emp. vesic. scapul.

3d. Fever; pulse active; pain in knees, &c. Cal. gr. v. h. s. Salts, manê.

5th. Convalescent.

CASE 3d. Billy, foreman. June 29th. Dysentery several days. Ol. ric. this morning. Pil. Cal. gr. viij. to-night; and to-morrow morning, Ol. ric. $\bar{3}$ i.

30th. Better. Less fever.

July 1st. Convalescent.

CASE 4th. Mary, a servant at the house. Ophthalmic symptoms, with fever. Pil. Cal. gr. v., and Salts, manê.

30th. Eye more inflamed, and fever gone. Fomentation ter in diê. Emp. vesic. inter-scapul. noct. applicand. For several years blind in the other eye.

July 1st. Fever; blister drew; eye still painful and dim; omit warm fomentation.

2d. Eye better; blister runs.

8th. Perfectly well.

CASE 5th. Thom., a servant. July 2d. Taken to-day with pain in hip; pulse 45 or 50; tongue white. Cap. Cal. gr. viij. h. s., and manê, P. jal. c. $\bar{3}$ i.

3d. Calomel operated; he took his purge, and went immediately to ploughing.

CASE 6th. Mary's child. July 2d. Puking this morning; headache; fever—lower this evening. Cap. Cal. gr. iij.; Ol. ric. $\bar{3}$ ss. manê.

5th. Convalescent.

CASE 2d, continued. Bowels have continued open; her pain continues.

9th. Neutral mixture.

11th. Perspiration last night, continued till this morning, when I saw her, at 12 o'clock. Repeat neutral mixture. R. Potas-

sæ carb. coch. parv. ij. ; Acet. ℥iv. Cap. ℥ss. i. ℥ss. Aq. M., M. et V.

CASE. Dysury, with perhaps Inflammation of the Bladder. Sukey, a servant. Feb. 24th. Has been labouring under dysuria for three weeks; she came to Williamsburg a few days since. She complains of a constant desire to pass water, and discharges a very small quantity at a time, with great pain; pulse very full; skin warm; had a passage to-day; has passed blood. V.S. ℥xii. Ol. ricini. Fomentation.

25th. Castor oil has operated well, and relieved the sense of weight which she felt in the hypogastrium; calls to pass water much less frequent, but still with pain; pulse, which was very much reduced by the venesection, is still active, though not so full; skin hot; thirst considerable; no swelling of the belly. Sem. lini, ℥i. to Aq. fervent. ℥bj. adhibend. ad libitum. Repetend. foment. Recommend the flannel, when wrung out of hot water, to be kept on the hypogastrium by a napkin bandage.

26th. Got no sleep till four this morning; less fever; pulse slower, softer, and skin moist; no appetite; drank a little coffee for breakfast. Ol. ric. ℥i. statim.

Evening. The oil had not operated at 5 o'clock; she felt some symptoms of it; skin moist; pulse still less disturbed; fits of micturition less frequent. Directed the repetition of the fomentation, if necessary; this person, her mistress informs me, is a hard drinker. The soreness of the meatus continues; so sore that she cannot sometimes bear to discharge her urine; but there is no hypogastric swelling; the pain is about the pubes.

27th. Castor oil operated very well, five times; rested pretty well; ate some breakfast this morning — coffee and a few oysters; pain still when she passes water; fever high last night; some remains this morning; pulse much more excited than yesterday morning, now full; perspiration. Gave, at 7 o'clock, seventeen grains of the Supercarbonate of Soda et Aquæ, ℥i.

Evening. Has passed urine only twice since she took the supercarbonate of soda — in a rather larger quantity. It induced some nausea. About three ounces of the urine had a dirty, milky appearance; fever subsided; pulse softer, slower; skin moist. Rep. pulv. h. s.

28th. Rested better, and feels better than before; passed during the night, with her urine, the mucus of the bladder: from which circumstance, inflammation subsided probably: or it may prove a case of chronic gastrorrhœa. Rep. pulv. hor. Fever still; it probably rose in the night.

Evening. Has passed urine very freely to-day; scarcely any fever; ate nothing; drank coffee for breakfast.

March 1st. Evening. She has been still better to-day, in every respect; she had a passage last night and one this morning; no mucus with the urinary discharge, which has been more copious. Powders at eleven, and at bedtime, as before.

2d. Got up only twice last night. Rep. pulv.; still pained in passing water.

3d. Appearance of urine natural; still pain; slightly feverish this morning, from being disturbed last night by the cries of a woman during parturition.

5th. In a perspiration; slept better; pulse softer, slower, and less full. Left four doses of S. carb. to be taken as usual.

6th. Convalescent. Cap. gr. xvij. o. n. h. s.

9th. She omitted her powder last night, and does not feel as well to-day. Sent her four more, with fifteen grains in each, to be taken every night. H. s.

12th. Feels much better this morning, and begged for two dozen of the powders. Directed fifteen grains every night, till the symptoms were entirely removed; and if they returned, to resume them. 1829.

CASE. Hemicrania, or Ophthalmic Intermittent. Mrs. ——. April 17th. Complained of great pain in and over the left eye, in the evening. Pulse little affected; eye inflamed; running from the nose and eyes. Sal. amar.

18th. Had only one passage from the salts; was called at noon, when I found her cold all over; sinapisms had been applied to the epigastrium, and were felt after a quantity of blood had been taken from the arm; which threw her into this cold state, accompanied with convulsions. She was given a dose of Calomel, and directed Epsom salts at six. The calomel procured one evacuation. Salts were given three times between six and nine, and she rejected them.

19th. This morning, at 8 o'clock, found her in exquisite pain; eye inflamed; pulse active; face flushed; subsultus tendinum, and delirious. A large quantity of blood was taken from her arm; she fainted; after an hour or two she recovered; but still, face pale, and eye inflamed; she complained of pains. The hysteric delirium and subsultus removed, and the pain must have been diminished. At half-past ten, two pills, composed of five grains of calomel, the same quantity of aloes, and one grain of gamboge, were given. Just before the administration, she had, I believe, a passage, which made four from the salts, although rejected from the stomach last night. During the night she was quiet, and slept. At 8 o'clock, in the evening of yesterday, the pain ceased, and she was engaged in conversation, and after that, slept composedly. The return of the pain was, this morning, attended with the above distressing symptoms.

Evening. She has been coughing hysterically this evening. At half-past seven, had a small passage, and one before, which was also small. She has been subject to rheumatism: this is probably an affection of the aponeurotic expansion of the muscles of the head. Complains to night of burning in the stomach, and much griping in the bowels; she drinks weak tea, to work off her medicine.

The affected eye looks dull and shrunk; she does not complain of the light.

20th. Pain shifted to the articulation of lower jaw, on the right side; but eye still painful; bad taste; pulse quick, but less hard; slept pretty well, but in pain when awake. R. P. jal. gr. xxiv.; Cr. tart. gr. xlvij.; Ol. menth. p. gtt. i. Divid. ch. ij. Cap. i. at eight, and rep. at eleven. Paroxysm came on at eight, or between eight and nine. At half-past ten, nausea, from physic probably. Pulse, when I examined it just before, tense again; very much so. Before eleven o'clock, the medicine operated but slightly. Mr. — informs me, that she is relieved in a measure of the pain, but complaining of much sickness and languor. Called at half-past four, and found her perfectly tranquil, and disposed to eat custard, but denied it to her. There is, since I saw her at half-past ten, a complete change in the appearance of the eye: now pale, and the lids as freely open as the lids of the other eye. Pulse is not yet right; there is much tension, and too much quickness; the periods are quotidian.

Evening. Not a tint of inflammation about the eye; pulse softened; not free from pain; feels a heat in the stomach; thirst diminished. Cap. pulv. alt. primo manè.

21st. She took the powder at 3 o'clock this morning, and it has operated better than any that she has taken. At half-past eight, I saw her, and she was then complaining of the eye and head on that side, as usual.

Evening. Pain much abated at five, and has good appetite returning; craves bitters; has eaten chicken-broth; pulse not so quick, and softer and fuller. R. Jal. gr. xii.; Cr. tart. gr. xxiv.; Ol. menth. gtt. ss. M. Ft. pulv. Cap. manè.

22d. Rested well; powder only operated once; pain attended with slight chill; accession of fever at eight; at nine, pulse very quick, and pain much increased. Supposing the pain would relax at the usual time, directed, at ten, a repetition of the powder.

Evening. Has been sleeping all day; does not like to talk, or to have talking about her. The last powder has operated copiously, and while I was with her at six, she had a fetid discharge. Has puked several times, even when cold water was drank; from the active effect of the P. jal. comp. Has complained of the pain extending behind the ear. Epispast. applic. pone aurem. Before the last passage, the pulse was active as ever; it then became softer and slower. Taken no kind of food to-day. The worst day spent since the 20th.

23d. The pain returned this morning at 6 o'clock, after passing a very good night. Pulse active at seven. Blister, applied at three in the morning, has not been felt.

Evening. Pain lasted six hours, but fever has not gone off; pulse more moderate than heretofore; blister drew; sinapism to nape of neck, to-morrow at 5 o'clock.

24th. Complained exceedingly of the mustard poultice; pulse

still softer and less quick; pain over the eye at the usual time; no perspiration yet.

Evening. Pain lasted till 1 o'clock. Pulse more active this evening. Mrs. — proposed Inf. sen. \bar{i} . Tamarind.

Convalescent in a few days. 1829.

CASE. Spurious Croup. Miss —, five years old. May 23d. R. Ipecac. gr. xii.; Ant. Tart. gr. i. Div. in. ch. iv. Capt. i. o. fifteen minutes donec. remitteret; second dose puked three times; at 2 o'clock, the croupy breathing continuing, gave Cal. gr. v., and Ant. et Pot. Tart. gr. ss. in dry sugar. Before she took the calomel, she asked for some light bread; her skin was moist. She had laboured under catarrh for some days; and before this, had been subject to croup, from very slight exposure to cold; but was very generally relieved by Ipecac. alone; she was attacked very suddenly this morning.

Evening. Very hungry; fever from heat of skin; has slept much; breathing still difficult; calomel and tartar emetic had no sensible effect; allowed her milk and water, and directed Calomel, gr. v. at late bed-time.

24th. The first dose of calomel operated before the second was taken; and the second operated frequently during the night; the cough is free this morning, and the breathing less wheezy and laborious; her appetite not altered; ate a biscuit only; tongue clean; fever lower. This affection of the trachea came on suddenly yesterday morning; she drank her tea at breakfast, and could not eat at that time. This sudden seizure makes it more like croup than it has been before, in her attacks.

Fever now, at nine; but breathing very little affected; cheeks flushed as yesterday; heat general, but moderate; her passages last night were dark; the first, black, accompanied with lumbrici: since I saw her this morning, has had a small one also, with a worm; she took her coffee for breakfast, but would eat nothing.

At eleven, attempted to give a dose of *Ol. ric.*, but she probably discharged it from her stomach, with much phlegm. Directed a dose of salts at twelve, if no evacuation.

Evening. Salts have operated well; discharged much mucus, but no worms; she is walking about, and is convalescent. 1829.

CASE. Tetanus. Castine, a servant. June 19th. Was seized last night, after having been engaged in reaping, in fifteen minutes after drinking a large quantity of cold water, with a spasmodic affection of the right leg and thigh, of a tetanic nature. I found him this morning, at 10 o'clock, suffering under the constant jerking of the left leg and thigh, attended with great pain, darting through the right flank; bowels open; pulse little affected; tongue quite moist; surface covered with profuse sweat. R. Opii, gr. iv.; Ft. pil. iv. Capt. i. o. 2 h. R. Sp. terebinth. $\bar{3}$ i.; *Ol. olivæ*, $\bar{3}$ ij.; Gruel, $\bar{3}$ i. Ft. enema.

2 o'clock, P.M. Clearly under the influence of opium; pulse

full ; dozing ; says, he feels now only a soreness in the region of the sacrum ; lies on the right side. In order to keep him under the influence of the opium, directed a pill at bed-time, even if not spasmed ; and should the spasms again come on, to repeat the pills as during the day : viz., 1 o. 2 h.

20th. Pretty quiet this morning ; but did not sleep, although he took a pill at bedtime, one in the night, and one early this morning ; pulse very little excited ; no nausea ; no febrile heat ; no sweat ; no appetite.

2 o'clock. Found him sitting up. Had a swimming in the head two hours since ; from the want of excitement, probably, as he had not taken a pill since very early this morning ; has had some sleep ; found his head easier sitting up ; pulse very slow ; not more than thirty-five or forty in the minute ; rather full and soft ; jerking gone ; skin moist ; veins of the arm much dilated ; had a passage spontaneously this morning ; took a pill an hour since ; still soreness in the lumbar region. He feels warmer than he has since his seizure ; yesterday, he was closely enveloped in blankets.

Evening. Pulse not quite so slow, and less full ; has eaten dinner, with an appetite, bread and molasses ; has taken eight grains of opium since yesterday at 10 o'clock ; no spasms have come on. Left two pills for the night ; though not to be taken unless required by the return of the spasm.

21st. Only had occasion for one pill last night ; got some sleep, and feels less disposed for sleep this morning ; more excitement about the skin and pulse ; had a passage only this morning ; the other pill to be given if necessary.

Evening. Pulse slow and full, and skin moist ; no return of spasms. Convalescent.

He says, that late in the evening, when he had finished cutting his row of barley, he drank the cold water, and was immediately seized with the chill ; which continued on him till late in the night, when the spasms came on. 1829.

CASE. Quotidian Ague with Tetanic Affection. Lucy, an old servant. April 6th. Called to her. She complained of headache, fulness about the eyes and sore throat, and a very frequent jerking of the muscles of the lower extremities, perfectly involuntarily ; though I do not know whether they were in the right state. Venesection was used till the stomach became sick, and she went to bed again. All the symptoms were instantly relieved. She had an ague shortly afterwards, fever came on, and copious perspiration succeeded. Yesterday evening she had been given a dose of salts, and a sinapism had been applied to the throat. The salts operated twice in the night, and twice after the venesection.

On the seventh and eighth she had an ague, each going off with universal perspiration. On the the 7th, she experienced much pain in the lower part of the back and belly ; took Calomel, gr. vi.,

and Castor oil on the morning of the eighth, which finally relieved her by the very free evacuation produced.

9th. Missed her chill, and sitting up. 1830.

CASE. Mrs. —. Sept. 20th, Some days since, was stung by a musquito on the little toe; the foot swelled enormously. She poulticed it with bread and milk and sweet oil. Used the warm bath. The foot on the 20th of September subsided, inflammation vanished, and she could walk pretty well. In the night she was taken with a fever; great pain in the groin and over the left eye. Disposition to sleep this morning, at 9 o'clock; face flushed; pulse full and quick; slight moisture on the skin. Cap. Calomel, gr. v. statim, and one hour, P.M., Cap. Sal. amar. $\bar{3}$ ss.

Evening. The calomel did not operate; the salts were taken, and operated most copiously; some appetite this evening; pain in the thigh of the affected side gone, and she feels much better.

21st. Well. 1819.

CASE. Spider bite. Gaby, a servant. June 23d. Bitten below the knee, and near the groin, in the night, by a spider probably. R. Ol. oliv. $\bar{3}$ i; Sp. c. c. Rub with it the thigh and knee. R. Opii, gr. i.; Camph. gr. ij.; Sp. lav. q. s. Ft. pil. To be taken in one hour, if not relieved by liniment.

24th. All the volatile liniment was expended in friction, and he took the pill. At 8 this morning, felt great pain around the loins and waist. To take some sweet oil; gave a wine-glassful. At 10 o'clock felt better, or a little easier; kept the oil on the stomach.

25th. Pain now in belly; none in loins; rested pretty well; costive; eaten bread and molasses for breakfast.

26th. Had a fine passage yesterday, and belly quite easy.

Recovered perfectly in a few days.

CASE. Spider bite. Marie, a servant. June 21st. R. Ammonia, gr. xxiv.; Aquæ menth., $\bar{3}$ ij. Cap. coch. o. 2 h. This medicine had no effect. She was given in my absence, $\bar{3}$ ij. or iv. of brandy, with water; at two, a pill containing two grains of opium. At 8 o'clock, feeling a load in the stomach all day, she puked up all the contents of the stomach, oil, hogs-lard, &c., which she had taken; pain in feet great, in the knees and head. At half-past eight, gave Opium, gr. i., and Camphor, gr. ij.; at eleven, the same dose, and directed one at two, and one at six if necessary.

22d. Has taken no pill since 11 o'clock last night; has puked; complains much of the wrist, where she was stung; and the feet, which are so cold that warm bricks are kept constantly applied; has had a good nap of sleep since 9 o'clock — now half-past one; has taken nothing since yesterday morning. Directed an enema, being costive; or the following liniment to be rubbed from the wrist to the elbow, and on the scrob. cordis. R. V. opii, $\bar{3}$ ij.; Sp. c. c. $\bar{3}$ ss.; Ol. oliv. $\bar{3}$ iss. Rub two drachms over the scrobicu-

lus cordis, and the same quantity over the arm, and cover the parts with a piece of flannel.

Evening. Cold sweat universal; feet painful; has eaten nothing. Pill of opium and camphor statim, and rep. o. 3 h. Breasts full of milk, and fears to suckle the child; pulse somewhat more excited.

23d. Took three pills; still feels pain; disposed to doze. Directed, if pains became more violent, to rub in the volatile liniment with lavender. Pulse more excited than before; but skin covered with a cold clammy sweat, and feet still cold.

Evening. Pulse less excited, but skin warmer; symptoms milder. Rub in liniment, and give a pill late.

24th. Skin of natural warmth; mouth sore; pain easier; took only one pill last night. Directed the liniment to be rubbed in again.

Evening. Arm very painful; feet still cold, but not so much so; pulse more active, and skin warm; headache, which she did not feel this morning; no appetite, though she has eaten some molasses; has had a passage to-day. Repeat pill.

25th. Arm is now painful; fingers swelled; bitten part numbed and dead; pain in arm-pit; hardness in the middle of the forearm; fever; yesterday full pulse, to-day sunk; thirst. Directed feverfew leaves coddled with vinegar, to be applied along the arm; breast secretes no milk; child six months old.

Evening. Less fever; arm softer; headache, though tongue clean; sore throat; swallows with some difficulty; alternate chills and heats; no appetite. R. Ol. ric. ζ i.; Ol. menth. p. gtt. iv. Cap. ζ ss. statim, and rep. noct. si opus sit.

26th. No fever; arm and head painful; one passage. Go on with feverfew. Eruption on the skin; nausea and vomiting, probably from the opium; (opium omitted last night; none taken for forty-eight hours.) Directed Cremor tartar drink, ζ ss. to ʒ ss.

27th. Drank all cremor tartar drink; less fever and less eruption; nausea slight; other symptoms amended; no passage. Magnesiae, ʒ i. and rep.

28th. Much reduced, but better in every other respect. Stomach, head, and arm, relieved; has had a passage. 1829.

CASE. Nephralgia. A boy, aet. 5 years. June 15th. Seized with most acute pain in the loins, and incessant desire to pass water, and nausea. Gave him Sod. bicar. gr. xv. at 5 o'clock, and at seven directed fifteen more; and if not relieved, Calomel, gr. iv. at bedtime, and Ol. ricini, ζ ss. manè.

6th. This morning found him quite easy, without any pain or fever; passed his water the evening he took the soda; no passage till this morning; had a good one; and ate some bread and molasses; before the passage was very sick, probably griped. Medicine did not move him in the least, all day yesterday or last night, till this morning. 1830.

CASE. Ischuria Renalis. Mrs. — Nov. 27th. Has been labouring under bilious remittent for many days, and has suffered much with abdominal symptoms; puking of bile; pain in the back, &c. On the 24th she complained of not being able to pass water; I gave her thirty drops of Spirit. æth. nit. o. 2 h. on the 25th; she rested better from its use during the night; on the 26th, she said it had purged her four times during the night of the 25th; she had taken, on the 23d, seven grains of calomel, salts next morning, and castor oil on the evening of the 24th, and two glysters for the pain in the back, prescribed and administered by a midwife in the neighbourhood. On the 26th, during the morning, she took two doses of the Subcarbonate of soda, ℞ij. in each; as soon as she swallowed the first dose, she felt an ineffectual effort to discharge her urine. At 2 o'clock I tried to introduce the catheter, without effect; at 4 o'clock I introduced it very easily, but there was no water in the bladder; the secretion of course suspended from inflammation of the kidneys, or from some obstructing cause. Late in the evening she took one grain of camphor, and half a grain of opium in a pill, which immediately produced a flow of urine; she took a second pill at bedtime; she slept, which she has not done for twenty-four hours; passed her water freely during the night and this morning; she still feels great soreness in the region of the kidneys, and has some fever. She said it was considerable during the night, probably owing to the excitement of the opium and camphor. The pain was most at first on the right side of the spine, and exquisite, but yesterday on both sides, and indeed so for some days; probably the left kidney was affected from sympathy with the right.

28th. Passes her urine freely; has still cramps in the back; fever high last night; pain in hypogastrio, relieved by warm cloths; bowels open.

Dec. 2d. Convalescent.

CASE. Intestinal Hemorrhage following Bilious Remittent Fever, brought on by exposure to the sun and rain, and ending after he was seized with fever two or three days. Aug. 23d. Mr. —, who has laboured under bilious remittent for three weeks attended with cough, was taking the quinine yesterday after a dose of salts in the morning. This morning, about 3 or 4 o'clock, he was seized with a discharge of blood from the bowels, preceded by great oppression; he had lost half a gallon before I saw him. At 6 o'clock, he was given a calomel pill, containing gr. v. Between that time and 9 o'clock, he had a smaller discharge twice, making up nearly the same quantity; and between that and half past ten or eleven, being unable to rise, passed a large quantity on a folded sheet, which was extremely fetid. A large blister was applied to the stomach, liver, and bowels. The discharge early in the morning, produced a quickness of the pulse, and prostration that is inconceivable.

Evening. Although there is no reaction, with a cold skin and damp, he is not so weak. The blister has been just taken off (9 o'clock), and has drawn well; pulse slower, but rather weak. There has been no fresh discharge since 11 o'clock; but from there being no reaction, there has probably been some fresh effusion; calomel has not operated; he has had sick fits now and then; eaten a little orange, and a few tea-spoonfuls of custard, first boiled, then baked; drinks iced water.

24th. No passage yet; some difficulty in breathing; reaction at last, in the night; skin now warm, and pulse has more force; slept better; skin dry; no abdominal uneasiness.

2 o'clock. Took a glyster this morning, which relieved the oppression so much that he had two others; no grumous or other blood; slight deposit upon the sheet of feculent matter, of greenish-yellow appearance: so the hemorrhage probably stopped, upon the first impression of the calomel upon the chylopoietic organs. He is much stronger, and can turn himself in bed; his cough seems to have left him, which had accompanied the fever throughout; he eats fruit with much relish, figs, and peaches, one at a time; countenance animated; lost its chlorotic tint. The blood is now completely determined to the surface of the body; and any purgative or aperient may be given with perfect safety.

Evening. Fever low; feet cool; pulse less active; had a passage at seven, of vitiated bile — small. Blister looks well; appetite; both thirst and cough gone.

25th. Fever rose in the night; skin hot this morning, with active pulse; four passages, two copious, in the night; none since 2 o'clock; no blood; probably from the operation of the calomel on the morning of the 23d; no sleep.

Noon. Has been sleeping from 8 o'clock; pulse full, active, and quick; ate a biscuit and tea for breakfast, and has eaten fruit several times since; no passage since 2 o'clock last night; so it is reduced to certainty almost, that the calomel operated after a lapse of upwards of thirty-six hours, unless those after the glysters are counted. There was an exacerbation of fever late last night and this morning; from report, there was coldness of nose, &c., and afterwards a rise of fever.

Evening. Perspiration; pulse full and bounding; not the slightest affection of the head, from the first of the fever, three weeks since. As he went to pass wind from the bowels at seven this evening, he discharged a little fæces, of the same dark colour; all his evacuations since the hemorrhage have been of the same, and without consciousness; mind perfectly correct; his thirst was great before the perspiration. Cal. gr. v. at seven.

26th. Had a passage near day, and got up out of bed himself; fever continues, with an agitated state of the arterial system; pulse at the wrist rapid and full; two tea-spoonfuls of salts at six; the calomel had not produced the slightest sickness; at ten, one tea-spoonful of salts. At half-past one, flushed face; rapid pulse, perhaps one

hundred ; great appetite ; thirst, though not great ; no operation of medicine.

Evening. Bilious secretion much improved ; not the slightest sanguineous tint ; has a perfect consciousness when he is about to deject. Heard that, throughout his fever, his passages were like tar. He was thought to be convalescent the day before he was taken with the hemorrhage ; and he had taken on that day the quinine, and several doses of salts, either before it or united with it ; though he had had no perspiration during the fever. He, however, had put on his clothes, and walked about the room.

27th. Had several passages in the night ; stopped at 2 o'clock ; pulse quick and fretful ; face chlorotic ; cough come back, and is troublesome — dry ; slept a little ; milk and preserves for breakfast.

2 o'clock. No rise of fever ; pulse diminished in force, fulness, and frequency ; did not cough whilst I was with him, between one and two. Directed milk and peaches for dinner ; feels some oppression.

Evening. Oppression continues. He has eaten heartily of milk and peaches, and corn-bread ; fever risen considerably, probably from ingesta ; no chill ; cold nose, &c. ; has had a small passage, rather lighter than natural colour ; coughs occasionally ; has enjoyed some pleasant naps — one of an hour and a half.

12 o'clock, p.m. Called up to his assistance, and found him labouring under great oppression, but not difficulty of breathing, insomuch that he was obliged to be propt up by means of a chair and pillows ; he could, now and then, make a long inspiration ; some eructation ; coughing occasionally, without expectoration ; has probably been induced by eating too much. I proposed a blister to the breast, but he wished a dose of salts ; and referring the pain to the hypogastric region, I gave him a small dose of salts, dissolved in peppermint water. Pulse rapid. If the abdominal uneasiness increased, directed a sinapism to the hypogastric region. During his illness, he had expectorated a great deal, and in the first of the fever complained of pain in the side. His father thinks it was a bilious pleurisy.

28th. Has slept an hour and a half this morning ; at nine, fever lower ; has been in a perspiration ; pulse 90 ; medicine has operated four times ; five healthy-coloured bilious discharges ; still complaining of a little oppression in respiration, but had some repose for a short time after I left him last night ; asked for breakfast just after 9 o'clock ; took milk and water-tea and crackers. The sinapism has been applied without his feeling it ; has been on three or four hours.

Evening. Took some milk and water-tea with biscuit ; perspiration immediately afterwards general ; rise of fever after two ; oppression in breathing, and restlessness ; Calomel, gr. iij. proposed at 10 o'clock ; had a bilious passage this afternoon.

29th. Rested well, and had no return of oppression in his breathing ; salts operated after taking a tea-spoonful, which was repeated

at 12 o'clock, as he had no further evacuation, and the fever was higher than at six this morning, when the pulse was 90. Since the morning, a long nap. It was said that he had taken, in the course of the fever, a great deal of calomel. His hands tremble when he takes a glass of water.

Evening. Medicine operated frequently (ten times); sometimes copious, the last passage so; all bilious; perspiration; greedy appetite; pulse very active; no return of oppression in breathing since evacuations.

30th. Rested well, and had a copious passage in the night; skin lost the chlorotic tint; pulse rapid; no perspiration; the skin got dry in a short time last night.

10 o'clock. Has had four copious passages since the morning; the last foamed; all bilious, and of good appearance; pulse maintains its strength and rapidity; the fever had lowered about nine; found it rising at twelve; anxious to eat milk; allowed milk and water, with ice, and light bread; pulsation of carotids active; the cough and oppression in the respiration gone.

Evening. Perspiration from two to four; at six, a glass of milk (one third water) and bread — the same at one; pulse still very active; skin dry.

31st. Slept all night; he was thought to be slightly delirious in the night; the windows were open, and the wind high; and he had them closed, from the supposition that his cough was again brought on by it; but it was probably owing to the great increase of fever, and the rapid circulation through the lungs; he ate his supper too late last night, of bread and milk; the windows were thrown open this morning; and the wind N.N.E., and raining; the volume of the pulse reduced; he was in a perspiration before the windows were open, and through the night; at seven, when I left him, the skin was dry; the tongue moist for the first time.

Evening. Has slept occasionally; no passage since yesterday morning; feels some uneasiness of bowels; pulse still active. Cal. gr. iij. h. s.

Sept. 1st. Slept well; had two passages in the night, too early for the calomel; pulse less rapid.

Evening. Had two passages in the morning, and two this afternoon; exacerbation of fever at 3 o'clock; tongue moist; pulse less jumping and rapid; has perspired during the morning, and requests stronger food — hominy and middling; and stronger drink — cider or porter. We prefer his eating bread and milk, and drinking water.

2d. Rise of fever at 3 o'clock; no passage to-day; more activity of pulse; salts at bedtime. In the morning the fever was moderate; pulse still further improved; no convulsive action. The previous night had two passages, and sweated as usual.

3d. The salts finished their operation by 11 o'clock; no perspiration last night; bears a blanket to sleep under.

Evening. His fever was low, and skin nearly natural, but without perspiration during the morning; fever rose about 2 or 3 o'clock; pulse firm and quick; has eaten six roasted apples to-day, besides his honey and bread and milk; two or three copious passages; he only took two tea-spoonfuls of salts last night; his evacuations stopped at 10 o'clock in the night, and recommenced late in the day, probably from the aperient property of the apples and peaches eaten; ate three peaches only.

4th. Less fever; had two passages in the night — he says, solid, but probably they were the undigested peaches and apples. Skin dry, and was so during the night.

Evening. Has had very little fever to-day; it rose late this evening after 6 o'clock; pulse approaching nearer to natural force and frequency; skin little above natural heat; has had one very copious passage, and no more.

5th. Rested well; had two evacuations in the night; pulse still more approaching the natural state; perspired in the night.

Evening. No evacuation to-day; has eaten much fruit; appetite great.

6th. Slept well; three passages in the night; skin and pulse nearly natural.

Evening. No passage to-day; pulse excited; ate too much. Epsom salts, ʒij.

7th. Salts operated late in the night; fever rose this morning, with moist skin.

Evening. Had a good passage; skin moist; convalescent. Directed him to take salts when the state of the bowels required.

14th. Left Williamsburg for Hanover. 1830.

CASE. Headache. Betsy, a servant. July 15th. Was taken yesterday with pain over the right eye, which subsided in the evening, and came on again violently this morning. At noon, saw her. No fever or disturbance of pulse; pain seated in the same place; tongue whitish and moist. Her stomach was yesterday pained much, with sense of great fulness. Her mistress gave her some mint-drops, by which she was relieved. She says, that this kind of headache comes on sometimes, after having a sour stomach for a few days previously.

Evening. The pain has moved to the back of the neck, and the eye is easy. Cal. gr. viij. h. s., and Sal. manè.

16th. This evening well enough to milk the cow. 1831.

CASE. Nephralgia. Mr. ——. June 29th. Seized this morning with pain in region of the left kidney, difficulty in passing water, and extreme nausea. Skin cool, and pulse slow; had taken Calomel, gr. x. before I saw him. Restlessness; turning from one side of the bed to the other; had an attack of gravel in December last, for the first time; had another, Feb. 7th. Saw him at half-past seven;

visited him again at nine ; found him easier ; had puked hepatic, bilious matter, and at the bottom of the basin was the calomel. Pulse slightly quicker ; skin warmer. Gave him Calomel, gr. viij. made into hard pills. Desired a soft hoecake of Indian meal to be baked and applied, wrapped in a cloth, to the renal region ; and left ℥ss. Epsom salts, i. ℥ij. Magnesia, in ℥iij. Aq., to be taken at noon ; to drink warm tea.

5 o'clock, P.M. Medicine has operated well, and the pain has subsided ; pulse very little excited ; skin moist. He says, this is the shortest paroxysm he has experienced ; it has generally lasted a week.

CASE. Mr. ——. Nov. 15th. Taken.

16th. Cal.

18th. Cal.

19th. Cal.

20th. Salts ; puked. Half a Seidlitz powder i. Acid. cit. gr. xx. dos. 2. Fluttering at the heart ; shortness of breath ; sick stomach ; costiveness.

Evening. Two, small, consistent passages to-day ; singultus. Cal. gr. iv. nocte.

21st. The Seidlitz powders operated well, and the calomel last night ; head and stomach better ; the latter, and muscles sore from puking. Seventh day.

Evening. Headache extreme ; medicine has operated lately ; no sick stomach to-day ; no puking.

22d. Delirium. Medicine operated freely once ; stomach better.

Evening. No delirium. Rep. Cal. gr. iv., and Salts, manê.

23d. Hunger in night ; took salts ; some time after puked a green fluid ; no passage yet. At ten, Magnesia, ℥ss. i. ℥i. Sulph. mag. si opus sit.

Evening. Pil. rep.

24th. Medicine has operated ; slept well ; great hunger.

25th. Passage last night ; very little fever ; allowed him light food this morning.

Evening. Fever a little increased ; giddy, when the upright posture is attempted in bed.

26th. Epsom salts ; operated.

Evening. No fever.

27th. Ate a bowl of milk and mush ; great appetite ; giddiness diminished. Fever again probably increased by eating.

28th. Sitting up ; still complains of headache. Epsom salts ; fever slight.

29th. Headache. Sal. Rochelle, ℥ij. ; heat of urine, which is high-coloured.

Dec. 1st. Rochelle ; Ol. ric. ; and Epsom salts ; from eating hominy not done. 1836.

CASE. A boy, æt. 13. Feb. 13th. Received a wound in the back

part of the parietal bone, from the bursting of a gun-barrel. A fragment of which, about the size of two fingers, lodged in the skull, half an inch deep. Great difficulty in extracting it; a wire was used to effect it; stupor and pain in the head.

14th. Brought him to town in a dray. At night, enema ex solut. Epsom salts, $\bar{3}$ i. ad Aq. \bar{t} bi. Gave Cal. gr. xii. at bedtime.

15th. Sal. $\bar{3}$ i. in a tumbler of lemonade; $\bar{3}$ iss. o. 2 hor. Had four passages in the night, from the glyster and the calomel.

Evening. Found that he had hemiplegia. This morning, before breakfast, \bar{t} bi. blood from the temporal artery, by which he was much exhausted, and said he could not fetch his breath.

16th. Asked me if he was dying. Fever increased since last night; face flushed, and pulse more excited; complained of pain of left side; had four passages in the night; dark; though no medicine was given after sunset. No nausea from calomel night before last, nor has he expressed any since the evening of the 14th; but has not been free from pain in head. The wound has been poulticed. This morning, a plaster of cerate; looks pretty well; no inflammation of scalp; complains generally of being chilly; both feet cold; paralysed; one perhaps more so; face flushed; left him sound asleep at 9 o'clock, without the least stertor; perhaps has yet had none. He was restless last night. Cap. Calomel, gr. ij. o. 2 h. et inter sing. dosem. Solut. Sal. amar. in Lemonade, $\bar{3}$ iss.

Evening. Taken three doses of calomel; to take another at seven; and then to take the solution of salts through the night; has had three passages: pulse active; face flushed; no pain or nausea.

17th. Wound in posterior part of parietal, just on the left side of longitudinal sinus. Four passages last night; says, his lame limb feels "funny"; asked him, if it was like pins sticking him, and he replied, yes; face flushed; thirsty, and drinks as before, lemonade. Cal. as before, gr. ij. o. 3 h. and solut. Salts in lemonade between whiles.

Evening. Gums of lower jaw foul; Mr. — thinks he is salivated. He has spit occasionally, and had secretions during the day; no mercurial fetor; face more flushed; drowsiness continues; taken only two doses of calomel; had two passages. Directed Jalap, gr. xv.; Cremor tart. $\bar{3}$ ss. this evening.

18th. Moved his fingers; drowsy still; good night; headache now; pulse rather more excited; wound looks pretty well; lips separated pretty widely; has never asked for food. Directed solution of salts, $\bar{3}$ i. to Aq. \bar{t} ss. with Ant. tart. gr. i.; $\bar{3}$ iss o. 2 h., unless it pukes; then lessen dose.

Evening. Has taken four doses, and has been nauseated; drank lemonade. Bled to four ounces, this evening, from arm. Go on with antimonials; head painful.

19th. Had two or three passages last night; small pulsation in lower part of wound: took a small bit of bone out of the wound; both wounds suppurating still. Slept last night, three hours at once. Still complains of his head.

Evening. Head quite painful; medicine operated more freely; has had watery passages; pulse quicker, and has more flirt.

20th. The single remaining portion of compress was covered with sticking plaster; had no passage last night. Jal. gr. xv.; Cr. tart. $\bar{3}$ ss. this morning; more watchful and uneasy; pulse weak and frequent; tongue as white as cotton.

Evening. Two full passages from jalap; restlessness very great; his posture is changed often; pulse more excited. V.S. $\bar{3}$ iiiss.

21st. Headache great yesterday and last night; cold water, by squeezing a sponge and flirting it frequently, was useful. This morning expressed appetite for food, for the first time; ate very little rice; has eaten oranges, or the juice rather. Jalap, gr. xv. h. s. $\bar{1}$. Cr. tart. $\bar{3}$ ss.

22d. Slept well; seems to have none of the drowsiness now, which attended him on the first days; complained much of his head this morning; he is exceedingly reduced; the pulse rather excited, not much; no evacuation from purge last night. Two spoonfuls of salts, and one of Cr. tart. statim. (1 o'clock.) Wants bread this morning; denied; gave an orange.

Evening. Only operated once. At 6 o'clock, repeat the dose; had instantly a watery passage; head extremely painful; pulse moderate.

23d. No sleep all night; pain in head great; two passages in the night. Jal. gr. xv.; Cal. gr. v. Bladder of pounded ice to be applied to the head.

Evening. Purge operated four times; head has been easier; pulse continues variable.

24th. Rested better; wounds suppurate laudably. Jal. gr. xv.; Cr. tart. gr. xxv.

Evening. Medicine operated well, and head been pretty easy. This evening used the iced bladder occasionally.

25th. Bad night; complained of head; pulse never stationary; sometimes excited, with some flirt and slight fulness; then small, frequent, soft. Cal. gr. v.; Jal. gr. xv. statim.

Evening. Operated well; passed a quiet day.

26th. Rested better; pulse feeble; no medicine to-day; sores mature well.

Evening. No passage; Sal. amar.; easy all day.

27th. This morning complains of blindness, and cannot bear the light; pupils contracted, upon throwing up the curtains of the window. Pulse nearly natural, rather slower; had a good passage last night early, shortly after taking the salts; wounds suppurate largely and laudably. Rep. Jal. gr. xv., and Cal. gr. v.

Evening. Medicine operated well; pulse arisen; since reaction, less nervous affection. He complained before of hearing different voices; and there was difficult articulation, and perhaps swallowing; left cheek much flushed, and feels it burn now.

28th. A very good night; pulse down; begs for bread and milk and water-tea; has tasted no farinaceous matter but once.

Evening. Free from pain; pulse soft. Cal. gr. v.; Jal. gr. xv. h. s.

March 1st. Medicine operated largely once; complains of nothing but hunger; begs for bread.

2d. No appetite; pulse a little excited; tongue not so moist; rested well; nose and ears cold; weather has been very cold for three days; freezing. P. Jal. gr. xv.; Cal. gr. v. statim. The pain in the head has not molested him for two or three days; and of course, no cold or iced water has been applied. For two days, he has eaten much stewed molasses and sugar-candy.

Evening. Several passages; first frothy, and black as coal; face on one side, the left, flushed deeply, and hot, but head of natural temperature; pulse slow; less cold; no thirst; desponding; says he feels sick; no nausea, but slight headache. There is matter forming or lodged on the brain.

3d. Entirely free from pain; pulse filled up again; bread is his cry; allowed a little weak milk and water-tea.

Evening. Great intolerance of noise; pulse labours. Cal. gr. v. and Jalap, gr. xv. He wished to take it at once.

4th. Pulse beats freely; medicine operated quickly last night; has no pain this morning; moves his hand better.

Evening. Passed a good day.

5th. Awoke with headache; rested well last night. Rep. statim. Jal. and Cal. Pulse depressed.

Evening. Medicine has operated six or seven times, and completely relieved the head; hunger has returned; eats stewed molasses.

6th. Wounds healing fast; good night; passage early this morning.

7th. Moves hand and leg much better; pulse natural; no passage since yesterday morning. Rep. Jal. and Cal.

Evening. Jal. and Cal. operated seven times freely; waked in an hour.

8th. No medicine this morning; pulse nearly natural.

9th. Costive. Rep. Jal. and Cal.

Evening. Medicine has operated freely; complains of swimming in the head since the operation of the purge, whenever he shuts his eyes, and a little pain in the forehead; has eaten a little bread, and milk and water-tea at eleven, and a little stewed molasses since; allowed, at 7 o'clock, a little bread and tea; pulse slow in right arm.

10th. Better in every respect.

11th. Better; no passage since last medicine. Cap. Jalap, gr. xv. sine Calomel.

Evening. The jalap has operated six or seven times; pulse reduced; allow him now a little more bread, but none in the evening; which he eats with milk and water-tea or molasses; sore healing rapidly.

12th. Still better.

Evening. Pulse active.

13th. Rep. Jalap, gr. xv.; pulse reduced and not quickened. Last evening he had been excited by singing, teaching his little brother and sister spelling, and perhaps a little indulgence in eating.

15th. Medicine on the 13th operated copiously; sore healing fast, and limbs recovering. To-day only ten grains of Jalap, and the dose to be decreased to five, day after to-morrow; pulse unexcited.

16th. Took three doses of jalap yesterday, without effect. Took some salts this morning, which operated well. To-morrow, to take two tea-spoonfuls.

CASE. Mr. ——. Sept 12th. Difficulty of expressing what he means; tottering and staggering in his gait, like a drunken man; tongue furred; incontinence of urine. Had taken last night, Cal. gr. vi. Directed P. jal. c. ʒss. and rep. at noon, si op. fuerit.

13th. Medicine had not operated; tongue covered with yellow fur; urine high-coloured; pulse not much disturbed; tendonis subsultus, on pressing the artery at the wrist. Cap. Ol. ric. ʒi. Had a bilious fever lately at Suffolk. Bookseller, from New-York; native of Connecticut.

14th. Oil operated well, day and night; giddiness, of which he has complained, better, and also incontinence of urine; pulse slow, distinct, and a little full; tongue still has a bilious tint. To drink buttermilk, and to be limited in the quantity of one and a half pints; also to have milk and water-tea, and no soup.

Evening. Cal. gr. v. and manè, Ol. ricini.

15th. Took only one table-spoonful of castor oil. In fifteen minutes after taking it, he had a passage, of course from the calomel, and he has had frequent passages since. Now, 1 o'clock. Pulse quicker, and skin warmer. To eat or drink buttermilk. Wishes to be so "patched up," as to enable him to get on the road to-morrow, with his wagon and books, to Charles City County.

16th. Pulse much reduced in strength; mind clear; speech distinct; gait regular; tongue cleaner; bowels continue open; no unpleasant dreams last night as heretofore — being hunted as a murderer, &c.

Evening. Since the usual purgative plan, no incontinence of urine; pulse excited, and urine highly coloured, before very high; adheres to the buttermilk exclusively. Two passages a day. Cal. gr. iv. h. s.; and Ol. ric. manè.

17th. Great excitement developed; this morning the pulse was slow; rose after purging; medicine operated well, and brought away bile of hepatic character; carotids active; pulse at wrist more active than yesterday evening.

18th. Fever low; pulsation in neck gone; pulse at wrist small, rather quick; head clearer than he has felt it; will take bread and weak tea for breakfast.

Evening. Ague since twelve; fever high; pulse very quick, but small; passage this morning; no headache; has read to-day for first time.

19th. Sweating all day, but fever has not been off; this evening sleeping and sweating; hands slightly tremulous; has drunk cremor tartar water all day; no passage; bad dreams this evening; more excited than in the morning. Cal. gr. iv. h. s.

20th. Took the calomel last night, after the cremor tartar had operated well twice, and he has been operated on well during the night and to-day. At half-past 1 P.M., saw him, and his pulse was nearly natural; mind clear; skin cool, and he conversed with perfect freedom of articulation.

21st. Ague severe in half an hour after I left him yesterday; a little fever this morning. To take a little cremor tartar; bowels open; bile deep yellow.

22d. Ague yesterday afternoon. Calomel, gr. iij. was given by Mr. —, at whose house he is, and this morning he gave one grain of Quinine. Directed him to repeat it, o. 2 h., and to drink cremor tartar water, and to stop the Quinine if headache.

2d. Evening. Took Quinine till 11 o'clock; no chill to-day; a little fever.

24th. Tongue foul; slept all night. Quinine, gr. i.; Sal. a. ʒi. o. 2 h. donec purg.; deinde omit Sal.

Evening. Medicine operated well; last night took opium for a very urgent cough, to which he has been subject, which induced drowsiness this morning. I objected to his using opium, and he promised he would desist. If he had been in the habit, this would be a good time to stop; he said he had taken it in typhous fever, five years since. Did not know till this evening that he had ever taken it.

25th. Slept well. Mr. — had given him one grain of Quinine. Directed repetition of it at 11 o'clock.

26th. At half-past six I found he had taken his breakfast. Pulse quicker than natural before breakfast, according to Mr. —'s report.

CASE. Dilsy, a servant. Sept. 3d. After a dysentery and tertian fever, wastaken, on the 31st of August, as was supposed, with a convulsive fit. She came down stairs about 2 o'clock, and when she got to the foot of the stairs, she fell against the stone pavement of the kitchen; she foamed at the mouth; she remained cold, and speechless, and motionless, till 4 or 5 o'clock in the evening. A fever came on during the night, and her skin was extremely hot. Flies would alight upon the eyelids without producing the slightest contractions. The next morning the surface of the body was covered with a copious warm sweat. This morning there was a general warmth of the body; skin still moist. She took a cup of panada yesterday evening, and one this morning.

I did not see her till the evening of the day on which she was

attacked. I gave her Calomel, gr. v., in sugar and water, which she swallowed: had a glyster administered, which came away without any fæces; and had a blister applied to the back of the neck, and it drew well, and has discharged freely since. Yesterday morning a glyster was again ordered; but upon inspection, a passage was found under her, and it was not administered. Directed the panada to be repeated, and a glyster this evening. She raised both hips and thighs when I saw her this morning. Her breathing has been always easy: pulse regular, and not prematurely excited. The calomel produced a discharge from the stomach, of a green fluid.

4th. Symptoms of mental derangement, last night and to-day; screaming, and ungovernable; she could not be kept in the house, and resisted several strong persons. She was calm when I saw her, about 1 o'clock this afternoon; asked me if I was not going to give her some physic? She had a good passage last night; she has not slept for two nights; skin warm; pulse more frequent than natural, with some tension. Supposing her present derangement might arise from a translation of her visceral complaints to the head, I gave her three grains of Calomel, in a teaspoonful of brown sugar, and directed fifteen grains of Jalap, if it should not operate by night.

5th. Slept not last night. They neglected to give the jalap till this morning; it operated once, and she said it would operate again. Calm at 12 o'clock to-day as she was when I saw her yesterday; she was sitting up. Pulse weak and somewhat quick; skin moist, and tongue moist and without deposit. Directed rich panada, and in the evening sangaree, and if it did not increase the delirium, to go on with it — to see if it would not compose her.

6th. The jalap operated well yesterday. They gave her three glasses of sangaree in the evening. *Slept well all night*; has been calm since. Her eyes still brilliant; asked if I was not going to give her a puke; says, she has pains all over her; takes nourishment very plentifully. Directed weak sangaree during the early part of the day. Pulse weak; skin cool and moist.

7th. Rested well all night; mind tranquil, but not perfectly correct. Go on with the Madeira wine sangaree.

8th. Rode out yesterday morning, at her own request; rested badly; skin moist this morning, at 12 o'clock; eat salt beef for breakfast, for which she had a great desire. I was informed she complained most of her head; she was in a profound sleep, and I would not have her awakened; her pulse was feeble, and her face was covered over with flies, and they did not produce the least irritation.

9th. Reason restored; she said, she had a fever last night, and did not rest well; she was sleeping this morning, and had no fever; complains of headache and pain in the stomach; had taken, of her own accord, two cupfuls of ginger-tea; her bowels, she says, are sufficiently open. Left with her twenty grains of magnesia, to

be taken to-night, and directed, while her fever was off, a tea of chamomile and ginger, three or four times a day.

10th. Her bowels being open, did not take the magnesia till this morning; complains of great weakness, and still pain in the head. After taking the magnesia, her stomach felt relieved. No fever; skin cool; pulse weak. Directed her to go on with the sangaree, and not to discontinue it unless her head was evidently made worse by its use. Convalescent.

Oct. 2d. Complains of fulness about the head. Let her child fall from her arms a few days since, from vertigo; has acquired more flesh than I have ever seen her with. Cap. Calomel, gr. v. noctê; manê, gr. x. Jalap; and if it should not operate, gr. x. more. She wished to be bled; but I advised purging, as she had been much in the habit of taking purgative medicines heretofore from her master.

Dr. Smith supposed, she had been formerly in habits of inebriety, or of drinking too much spirit; and that her disorder of head might proceed, in some measure, from debility; and he proposed laxative bitters, of some tonic, and Epsom salts; the occasional use of calomel. She was bought of a man who kept a tavern, and she might have been allowed too much to drink. Her mind is also labouring under some uneasiness, from her husband's affections being diminished, &c., &c. 1819.

CASE. Rose, a servant, æt. 43. May 27th. Was seized with the most violent convulsions, which were preceded by a state of phrenzy. She ran into the house, and embraced her mistress most tenderly, and talked in a very wild strain. The master supposed she was deranged, and ran to the Lunatic Hospital for a strait-jacket, with which he immediately invested her. She had complained of slight pain in the head last evening. The convulsions were so violent that the strait-waistcoat could not confine her. She screamed aloud when they came on; and tossed her body suddenly to one side or the other; she cried out, that her head pained her. I advised V.S., but no one would venture to approach. There was no unusual heat of skin. The owners supposed that poison had been given her. She had been anxious to have for a husband a young blasksmith in the neighbourhood, to whom the master and mistress of the woman had denied admission to the yard: and she ran off, and staid till night before last, in consequence of this refusal. R. Jalap, gr. l.; Calomel, ℥ss.; Ant. tart. gr. iij. M. et div. in ch. iij. Cap, i. 3tiâ quâque horâ. I called at 1 o'clock. She took a dose at eleven, which was immediately rejected; another was then given, which had operated, about fifteen minutes before this last visit, downwards; the passage was large, and the symptoms were quieted; and she put out her tongue when asked, and appeared perfectly composed. Her tongue was moist and clean; skin moist; little or no fever. She had on the waistcoat, and I could not feel the pulse at the wrist. Convulsions from passions of the mind. 1819.

CASE. Enteritis attended with Cough and Hernia — Cough a sequence of Pleurisy during the winter. Aaron, a servant. May 8th. Cough for two months; pain in the bowels with frequent desire to have a passage, and passing slime since yesterday; pain in hypogastrio, and where the hernia descends through the abdominal ring; hernia congenital, up all last night, down from the morning; fever; foul, bilious tongue; had taken brandy for the pain; when he coughs, feels great pain in part; could not reduce it; indeed, the cough would have forced it down, if I had succeeded. Cal. gr. ix. statim; and Ol. ricini, manê.

9th. Great pain and tightness, with hard feeling of belly; hernia still down; calomel operated twice; sick stomach. The taxis was ineffectually tried; he was then given ℥i. Ol. ric., and warm fomentations were ordered.

12 o'clock. Hiccup; hernia almost restored; belly not quite so hard; castor oil has just operated — twice well, light yellow; liquid stools. Sinapism.

Evening. I found no difficulty in reducing the rupture completely; but it descended instantly; the poultice was kept on till 6 o'clock; he was rather easier; hiccup continues; removed the poultice; two more passages, liquid and with bilious smell; had seven in all; pretty free since the oil was taken. It is probable the mucous lining, and not the peritoneal covering of the intestines, is the seat of the inflammation; the taxis gave no pain; the left side of the belly most painful, where they used to tap for dropsy. R. Cal. gr. v.; Op. gr. i. h. s.

10th. Had some good sleep last night, and one passage during the night, not from the pill probably — none since; *cough returned after taking the pill*; yesterday it was suspended; there seemed to be phlegm in the trachea this morning, but he did not expectorate when he coughed; hiccup continues; belly tense and elastic; pain still in left region; hernia down; no fever; pulse good. Directed one table-spoonful of salts, and two table-spoonfuls of magnesia, to be given in mint-water.

Evening. Pulse a little more excited; hiccup; has puked black, offensive-looking matter, like soot; tension of belly great. Emp. vesic. epigastrio; and gr. x. Cal. h. s.

11th. Rested as well last night as the night before, when he took the opium and calomel; no puking since the calomel last night; it operated once fully; hiccup still; pulse weaker; blister drew; pain; swelling; tightness same; tongue a little brown; he showed some anxiety about his fate; wished to know if bleeding would not do. Directed the salts, magnesia, and mint-water, again.

Evening. Has a desire to eat; directed light bread and sassafras tea; belly softer; tongue still brown in the middle; puked this morning when medicine operated; pulse contracted, small, and not so quick; hiccup continues. Cal. gr. v. at 10 o'clock. Cough not perceived.

12th. Pulse more expanded this morning, and he feels more abdominal pain; has had a very good passage this morning, and two in the night; puking and hiccup continue; rested the first part of the night; had puking of green bile this morning; rejected the sassafras tea; indeed, his stomach rejects everything; blister does not discharge. R. Magnes. ζ i.; Ol. menth. gtt. iv. M. et div. in chart. iv. i. o. 2 h.

Evening. He has had several passages, and puked up two of the powders. Directed him to take both of the others, and to have a blister below the other, which is healed; pain same; great desire for ardent spirits — not allowed.

May 25th. On account of sickness, did not see him after the 12th. Learned that, on the 13th, at night, his belly was very much swelled and tense; he was given a dose of Dover's powder, and the next morning it became soft; but the disease went off by a critical diarrhœa. He was allowed, at last, a little weak mint-julep.

CASE. Colic of Stomach. Arena, a servant. May 23d. Feels pain in stomach; does not feel sickness except when the pain comes on, which is occasionally; some uneasiness of head; some heat of skin; pulse quicker than natural; had a passage this morning. At 2 P.M. Calomel gr. viij. At half-past five in the evening, feels better; pulse as slow as natural; no sick stomach or headache; skin of moderate heat, perhaps a very slight elevation of temperature. R. Aq. menth. p. ζ ss.; Ol. ricini, ζ i.; Ft. haust. C. statim.

24th. Medicine operated well; pulse much quickened this morning, and very small; headache; skin too hot; quite free from pain; she is up and dressed — at work.

25th. Continues at work, and has eaten as usual yesterday and to-day; could not trace this colic, or whatever it was, to any improper article of diet: except that it might have arisen from eating spinach boiled with bacon, (not a common thing,) used the day before. 1832.

CASE. Gastrodynia Spasmodica. Sarah, a servant. June 29th. Spasmodic colic or pain in the stomach from iced food. Colic from eating only a cup of iced buttermilk for breakfast. Called at 1 o'clock, P.M.; no nausea, though cold sweat, from violence of pain in epigastrium; had occasional intervals of ease. Just before I saw her, she had taken pepper tea. Ordered the following draught:—R. Tr. opii, gtt. xxx.; Ammonix, gr. vij.; Ol. menth. pip. gtt. ij.; Aq. ζ i. Ft. haust. About an hour after the draught was taken, she was relieved. At 5 o'clock, directed ζ i. Ol. ric. Complaining of headache. 1832.

1822. May. The prevailing epidemic catarrh, which has chiefly affected the head, and throat, and lungs, low down upon the short

ribs, with perhaps some complication of hepatic affection from the great morbid secretion of bile, lodged far in upon the ear, internal and external, with great pain and inflammation, in Miss —. She took at first Epsom salts, $\zeta i.$; and a day or two after, Calomel, gr. ij. and Salts, $\zeta i.$ in the fever, which was attended with full pulse; somewhat subsided, and I feared suppuration. Dr. Smith proposed blistering the ear behind and in front, and to give a sudorific draught. She had not slept for two or three nights. I applied the blister, and gave Vin. ant. $\zeta ss.$ and Tr. op. c. $\zeta ij.$ This was on the 15th day of May.

16th. She rested well, and slept all night, but did not sweat. The inflammation dispersed, and she has taken no other medicine.

When head and sides, or sides have been affected, attended with cough, I gave Cal. gr. v. at night; and Jalap, $\mathfrak{z} i.$, Cremor tartar, $\mathfrak{z} ij.$ the next morning. Sometimes when the head was excessively painful, with full pulse, V.S. Sometimes there would be simple angina. Epistaxis in several cases occurred to carry off the fever. Cremor tartar was used to dilute with — in barley-water. Purging universally procured relief; it was occasionally repeated. Calomel in very small doses, as gr. ij. at night, and salts in the morning, when the face was sallow and dingy. There would be an ague for several days without perspiration, and irregular in the hours; sometimes accompanied with dry cough. The fever went off frequently, with little or no expectoration; sometimes with very copious spitting, when the case was pleurisy. Pukes in several instances were given, when called in before they had officiously used salts. Blisters were generally necessary, and mustard poultices. When they complained of much burning in the stomach, salts and magnesia were given, with good effect. The digestive organs were much disordered in every case. Purging was the great remedy in all cases. I cured several cases of pleurisy by simple purging with salts, or castor oil, and a blister to the side, after the inflammatory symptoms had subsided. The fever generally yielded about the ninth day.

The Chicken-pox has prevailed for two or three months. Many cases of pleurisy were cured without venesection; relying on the milder purgatives, and perhaps one blister.

In the catarrhal epidemic of this season, I found that Epsom salts, combined with Magnesia, was a very useful purgative; one to two scruples of the one, to three or four drachms of the other. In one case, after the pain in the head, sore throat, &c. had subsided, pains and contractions of the hands and feet were removed by them. No tonics used afterwards.

Morbid bilious secretions seem to have attended all the fevers from January, with very inconsiderable local inflammations. In several cases, the alvine discharges were dark and black. Mr. —, a very stout man, in January, had a catarrh, with a rending headache; the cough, being violent and incessant, aggravating the

headache. Attended, from the first of the fever to its termination, with a sweat, which exceeded in profusion anything I had ever witnessed: he sweated through a bed; his habits were excessively intemperate; his pulse pretty active; the stomach disordered. I gave every day a small dose of Jalap and Cremor tartar; seldom more than ℥ss. of the former, and ℥i. of the latter, which carried off the morbid secretions of the liver, and the fever with these. Jalap seems peculiarly adapted to the cases of inebriates. I formerly used the tincture, which always purged them fully, and with little intestinal irritation.

May 22d. Mrs. — has complained of headache since the 19th. This evening, accompanied with nausea and great soreness of the scalp, which has been a consequence of its continuance in other cases. Cap. Cal. gr. v. The skin moist.

23d. The calomel induced great sickness, and operated itself. However, a dose of salts was given, the head was relieved, and she was up at work; said she had not felt so easy, since she was taken; a great quantity of bile was discharged.

Several cases in the last of the month were relieved in this way. Miss — was taken on the 21st, with headache and pain in the ribs; pulse full; stomach disordered, for which she took mint-water. I gave Calomel, gr. v. in the morning; and Jalap, gr. xx., Cremor tartar, ℥ij. five hours after; no evacuation. V.S. to $\frac{2}{3}$ x. in the evening, and salts during the night, and not any effect. On the following morning, Ol. ricini, ℥i. i. gtt. i. Ol. menth.; this effected passages, and carried off the complaint — at least only left a remnant of fever.

CASE. A boy, aged 12. Dec. 29th. Puffiness of the face and eyes; headache; fever; slight nausea; cold chills over the body; tongue covered with pretty thick, whitish-yellow crust; skin dry.

R. Ipecac. gr. x.; Ant. tart. $\frac{1}{2}$ gr.

Evening. Puke operated well; brought off a great deal of bile; headache still; face flushed, but reduced in size; tongue moist; pulse not so active; when the head is raised, pain increased; keeps the head on a level with the body; no alvine discharge from the puke. R. Calomel, gr. iv.; Micæ panis, q. s. Ft. pil. ij. Cap. h. s. Pediluvium. Thea Salvix ad potum.

30th. The calomel operated three times; the discharges were bilious. Rested better than the night before, though he discovered slight delirium, by his talking. Complains of very little headache, though slight nausea; loathes every species of food, even lemonade or oranges; tongue still foul; pulse but little accelerated, soft and full; lies now with his head upon the bolster; sat up this morning with clothes on, but complained of swimming in the head, and went to bed. While up, the face was much flushed; the swelling of the face, and puffiness about the eyes gone; temperature of the skin, but little greater than natural, and the surface

more relaxed, but no perspiration yet. R. Cr. tart., Magnes, āā. ʒi. M. et div. in ch. iv. Cap. i. 2dâ quâque horâ.

31st. He had no rise of fever last night ; took three of the powders ; has had one passage since — perhaps not from the powders ; he slept all night ; looks much reduced ; tongue cleaner ; fever gone ; no complaint this morning ; has taken some bread and tea for breakfast ; excessively cold to-day, after a freezing night and snow yesterday. The only night of excessive cold, that we have experienced the whole winter.

Three cases of sick stomach and fever, with headache, have appeared in my family this month. In one it was carried off by a cholera. The others, spontaneously also ; but I do not know whether by the intestines. The sick stomach I have frequently seen in children in excessively cold weather. Found Magnesia the best medicine.

Mrs. — had an attack of headache, with slight indigestion of stomach, in the two last weeks of December, which she attributed to some injury of the head, sustained by the falling of a basket of seed upon it ; but it is highly probable that it was an attack of this prevailing complaint. She took a small dose of Epsom salts and Cremor tartar about the 20th of the month ; which afforded some relief ; it operated well. On the 23d, the headache became so violent, that she was terrified with the idea of supervening convulsion ; her face was much flushed, and pulse rather active, which is generally so. I dissolved Kali vitriolat. ʒij. in Aq. ʒxii., with Ant. tart. gr. i., and gave a wine-glassful. About half an hour afterwards, I bled her, and took ʒviiij. Half an hour after the V.S. she puked two or three times, and discharged a good deal of highly elaborated bile ; the pulse rose ; she took no more of the mixture ; felt no more pain ; the blood was cupped, and covered with an albescent crust ; she was the next day as well as ever ; she was bled before breakfast. Darwin says, venesection puts a stop to excessive secretions, as bile and sweat, and cures nervous headache, even where there are fulness and weakness.

1823. During the month of March, and the first week in April, the Cholera was prevalent among the children, from six weeks to three years old. It was cured by a dose or two of Calomel, gr. ij. in sing., succeeded by Castor oil. If the calomel was given at night, on the following morning the oil ; if the symptoms were urgent, the calomel was given at any time in the day, and about four hours after the oil.

Among the females, and some delicate men, we had the Bilious Tertian Remittent. Sometimes they would be ushered in with an ague, and on the third day another ; it would then lose the intermittent character. There was great headache, and excessive sick stomach. In some, the first pain would be in the hip, which, by purging, would be relieved ; and perhaps of some, the charac-

ter of colic would be assumed, the pain shifting to the colon. Treatment nearly the same as in cholera. Sometimes calomel, succeeded by purgatives; sometimes purgatives alone, which seemed to answer nearly as well — jalap and cremor tartar, and Epsom salts. When the pain lodged in the intestines, small doses of salts in peppermint-tea, and bottles of hot water to the belly. They were observed to terminate by the ninth day.

In January and February, Bilious Pleurisies. Small bleedings, Calomel, jalap, and cremor tartar, and blisters, were the only remedies. In almost every instance, the V.S. were seldom more than ʒss. , which were as impressive as in other seasons I have observed ʒxvi. or ʒxx. The patients became faint, but they were always of service; the pain in the side was relieved, and sometimes stopped. I forgot to mention, that weak solutions of Tart. emet. were administered in difficulty of expectoration — $\frac{1}{2}$ gr. o. 2 vel 3 hor.

CASE. Mrs. —. August 16th. Was taken with a deafness in both ears, on Monday, 10th August, which has continued till to-day. She was taken with a violent toothache and headache, after eating musk-melon; her stomach felt deranged; she took some magnesia, and applied a mustard poultice behind the ear of the side affected by the toothache; she could not tell which tooth, all being affected on that side; a numbness of the arm came on (the left). She felt, at 6 o'clock, P.M., easier as to the toothache, when I saw her; but the pulse was quickened, with some tension, and the numbness was relieved. For the deafness, I prescribed hertofore nothing; she had taken, of her own accord, a dose of salts, during the week, feeling some fulness of the habit. I took this evening, ʒxii. blood from the arm, gave Calomel, gr. iv., and directed a dose of Salts the next morning. Her pulse had not been affected at all before; and I attributed the deafness to nervous derangement, from the function of the nerves being disturbed, by loss of sleep and anxiety about the state of —, who had been labouring under bilious fever for seven or eight days.

17th. Slept well; free from pain; calomel did not operate; salts produced much sickness, and operated three times by 8 o'clock; still fever; face flushed; pulse softer.

Evening. Exacerbation at rather an earlier hour, with toothache, which was relieved by the application of a sinapism behind the ear; and she slept an hour. At 7 o'clock, pulse more full, quick and active, except as to tension, than before; face flushed generally — that is, all over; medicine operated well; deafness same; sitting up; no nausea; the toothache was unattended with the numbness of the arm and distress of head; she had a pain in the left shoulder, which she is much subject to.

18th. She had a return of toothache in the night; fever much lower in the night; deafness not so great; felt a little sickness at stomach this morning, and has eaten no breakfast; skin was moist

early this morning ; she likewise had a slight pain in the left side of the head.

Evening. No return of the pain about noon ; pulse reduced in size and activity, and perhaps in quickness ; she feels better than for a month past ; skin soft.

19th. Rode out ; convalescent.

20th. No return of toothache, or headache, or fever.

CASE. Influenza or Catarrh, with Cynanche, &c. Mrs. ——. Jan. 22d. Was taken on Saturday, 20th, with the prevailing epidemic catarrh, in the form of Angina. I saw her yesterday morning. Her swallowing was impeded ; she had some cough and headache, but little fever, and her breathing was not much obstructed ; she suffered great pain in the throat, and discharged much mucus by hawking. I gave her Ant. tart. gr. i. in four or five table-spoonfuls of water, one every half hour ; she could only take two doses ; during the day she had two passages — probably from a tea-spoonful of Epsom salts which she took last night. Directed a sinapism to the throat, and to take a little of the solution, every two hours ; she drank only three doses. This morning speech was more distinct ; she slept pretty well. Directed her to go on with the solution in small doses, and to drink weak sage tea, in order to excite perspiration, and favour the spitting. I called this evening, and found this plan was attended with the desired effect. She is to apply the sinapism, and to go on with very minute doses of the solution.

The solution of tartar, in very minute doses, I have found extremely useful in Anginas, even without puking or purging ; though generally I have given tartar combined with calomel at night. Mrs. — has also used fumigations of vinegar and hops frequently, day and night. She should have been bled, but for her cachectic state — her pulse was slow. She had been for some time worried with an intermittent and sore mouth, but was recovering.

23d. Swelling external of the throat subsided ; obstruction of deglutition better ; no passage. Directed a dose of salts.

Evening. Pulse quick and stronger ; throat still better ; complains of pain under the sternum when she swallows ; however, without much difficulty ; the two drachms of salts which she took in the morning have not operated — to be repeated at bedtime ; headache.

24th. Complains of breast and head alone ; has taken the small doses of salts without effect — to be repeated ; pulse more active.

26th. She has taken salts occasionally, which have then relieved the pain in the sides, which was muscular, and prevented her turning with ease, and the headache ceased.

27th. Had a chill yesterday evening, which she had missed for a month, but she is better in every respect.

28th. Complains of pain in the breast.

29th. Pain and soreness of breast nearly gone; had much pain in right side last night; took a little Epsom salts—it operated; no pain now; ate her usual breakfast this morning. 1827.

CASE. Miss ——. April 12th. Complains of sore throat, and an eruption or efflorescence of the cheeks. Pulse feeble, and very little quickened. She has been sick since the day before yesterday. Fever came on yesterday at noon, and continued during the night. R. Jalap. pulv. gr. xvij.; Calomel, gr. vi.; Mucilag. g. acaciæ, q. s. Ft. pil. vi. Capiend. statim.

Evening. Pills operated well three times, without nausea or griping; fever rose at noon, perhaps; pulse increased in volume, force, and frequency; no headache; very little thirst, and she swallows better. Fauces to be steamed, and feet to be immersed in warm water at bedtime.

13th. Eruption like scarlatina on the arms and hands, very little on the neck now, that I can perceive; tongue thinly covered with bilious deposit; slept well. R. Sal. amar. ʒvi.; Cr. tart. ʒi.; Aq. ʒiv. Solve. Cap. statim.

Evening. Rise of fever at 3 o'clock, P.M.; eruption over the whole body, but the face, which is less flushed; pulse not so quick. There appears very little elevation of the eruption, but they have a slight papulous aspect. The hands look as if dipped in port wine. The papulæ, or very small sprinklings of points more visible upon the hands; thinks the throat rather better; does not swallow so often.

14th. Efflorescence or eruption less vivid; pulse a little more excited, perhaps. R. Sal. amar. ʒss.; Sod. supercarb. ʒij. Solve in Aq. ʒiv. et adde ʒss. Sumat in actu effervescentiæ.

Evening. Rash fading, better in every respect; less fever; has eaten oranges and drunk lemonade.

15th. Appetite great; eruption almost gone; throat better, but advised the steam to be continued.

Evening. Convalescent. Rash with sore throat, like scarlatina, and fever, for six or seven days. 1830.

THE END.

December, 1843.

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