

**Tuesday 30 January, 1849**

Mrs. Leif. Delivery (Fem). R̄ Tinct Opii ℥ xl Aq ʒvi Sp. Lav. ʒss [th] ʒss 4<sup>ta</sup> q. q. hora. Pro tussi.

**Wednesday 31 January**

Administered Chloroform to Mr. Smith at the St. Albans Hotel, Old St., Haymarket, whilst Mr. Duffin operated for fistula in ano, {59} Mr. Ure being present. The patient apparently between 30 and 40 years of age was blind. He was tall and muscular and seemed in good general health. He complained at first of a sensation of suffocation but afterwards inhaled very well. He became insensible rather slowly, talked in a rambling manner after he became unconscious, and shortly afterwards attempted to struggle. When this state somewhat subsided the conjunctiva was insensible, there was some rigidity of the muscles, and the muttering continued but lower and quite unintelligible. On the operation commencing there was a little increased rigidity and pushing with the legs, but no cry or motion of the hands. There was a considerable thickness of hardened tissue to be cut through. He recovered his consciousness in 2 or 3 minutes, without any excitement, said that he had been dreaming about business, felt nothing and that the effects of the vapour except the first feeling of suffocation were very pleasant. No sickness.

59

Administered Chloroform to an elderly gentleman from the country whilst Mr. Fergusson performed lithotomy. Completely insensible with slight snoring. P. 56 just after the operation and whilst an artery was being tied which bled rather freely. No sickness or depression. Patient, who was quite deaf, recovered his consciousness spontaneously and quietly about 10 minutes after conclusion.

Miss Matilda Allen. Pil Ferri Co ʒss Pil Aloes Co gr xv ft Pil xii i nocte maneque.

Miss Allen. Magnes Sulph ʒss Mg Carb ʒi P. Zingib ʒi Aq ʒvi T<sup>r</sup> Rhei Co ʒi [th] ʒss ter die.

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**Thursday 1 February, 1849**

Mr. Root's Child. Hydr Chlor gr ii P Jalapa gr iii Mist Am Acet ʒiv.

Administered Chloroform in St. George's Hospital to Harriett Bainbridge, aet. 12, whilst Mr. Johnson operated for the removal of a tumour of the orbit, pushing the eye upwards and outwards. No excitement or struggling. Face-piece removed when the operation began. There was no sign of pain for about two minutes, but she then began to cry out and chl<sup>m</sup>. was given on a sponge, and repeated from time to time during the operation, which was rather protracted, whenever there were signs of sensibility. The tumour gave off deep prolongations which could not be entirely removed.

Administered Chloroform also to a young baby whilst Mr. Johnson removed a supernumerary thumb. Gave the chloroform with the new apparatus. Narcotised only to the second degree, but had no pain. No sickness.

**Saturday 3 February**

Miss Blackall (Mrs. Everett's Sister). Pil Aper c Hyd viii. R̄ Sol Quinae 3iss Aq 3vi [th] 3ss ter die ex Aq.

Administered Chloroform at St. George's Hospital to Sarah Tidmarsh, aet. 38, in whom Mr. Cutler operated on Nov. 26 whilst he passed a catheter into the bladder through a strictured urethra. No. 1 was passed with difficulty and withdrawn and No. 2 passed.

- 61 {61} Administered Chloroform at King's College Hospital to a young baby whilst Mr. Fergusson operated for hare-lip on one side, having on a previous occasion operated on the other side. The new apparatus was used. He was quiet during the cutting, but cried a little whilst the needles were inserted.

Administered Chloroform also to === whilst Mr. Partridge divided the tendo Achillis and another tendon, for club foot. The boy exhibited some excitement – or rather he made resistance with further inhalation after he became unconscious, but was soon rendered insensible and remained perfectly quiet during the operation.

Also to === whilst Mr. Partridge performed circumcision. A very little struggling and rigidity before being insensible, but was perfectly motionless during the operation and part of the stitching afterwards, but some more stitches were required after I thought that the operation was concluded, and he struggled and called out thieves and robbers, but did not seem aware of any pain.

**Sunday 4 Feb.**

Administered Chloroform to a young baby in Edward St., Portman Square, with the new ap. whilst Mr. Fergusson operated on one side of a double hare-lip. Remained insensible during the cutting, and was kept so during the introducing & application of ligatures by applying a little on a sponge. Vomited after the operation.

- 62 {62}

**Tuesday 6 Feb., 1849**

Mr. Wm. Allen, Percy St. Mist Aper c Rheo 3vi – 3i nocte maneque.

**Thursday 8 Feb.**

Mrs. Hill's Baby. Vaccination.

Administered Chloroform at St. George's Hospital to Anne Johnson, aet. 59, whilst Mr. Hewett removed a scirrhus tumour of the breast. No excitement or struggling and no sign of sensation. No sequelae of any kind.

Also to Geo. Dodson, aet. 15, whilst Mr. Hewett moved an old dislocation of the elbow into a better position. The youth was narcotised to the 4th degree, and vomited his dinner which he had taken just before, but he did not feel sick afterwards when seen in the ward.

Also to a child aged 12 months previous to Mr. Johnson passing sutures through a vascular tumour on the eyebrow. New apparatus – quite insensible. No sickness.

*Case Books*

Also to a child aged 4 months whilst Mr. Johnson passed needles under and a ligature around a naevus situated near the anus – quite insensible. New ap. No sickness.

***Saturday 10 Feb.***

Administered Chloroform to Mrs. Irving who required to have a tooth taken out. A good deal of trouble in getting her to inhale on account of nervousness. Became insensible without further trouble after she became {63} unconscious, and mouth easily got open. Mr. Marshall proceeded to extract the tooth, but the top broke off. He got a dentist (Mr. Kempton) to come, and half an hour afterwards she was made insensible again but with fully more trouble from the hysterical nervousness than before. The mouth was easily opened, but Mr. K. was a long time getting his instrument fixed and the patient began to recover before he had completely done so. She now vomited her breakfast which she had taken just before coming, and as she had now recovered her consciousness there was a good deal of trouble in getting her to go on with the inhalation again. She however became quite insensible, and the mouth being open Mr. K. – instead of proceeding to take the tooth out – began to examine it with a stilette. He afterwards got hold of whatever was left of it, but it crumbled away below the gum. Mrs. Irving felt rather sick and cold, but was able to leave in about 20 minutes, and after lying down at home for two or three hours was pretty well and able to come down to dinner.

63

Administered Chloroform to a gentleman at Lonsdale Square, Islington (a Bombay Missionary) whilst Dr. Miller removed some folds of skin from the verge of the anus, and also afterwards whilst he applied a ligature round a small tumour attached by a pedicle to the ear. No sickness or other sequelae. An aqueous solution of chloroform was applied by means of lint to the wound at the anus, but it was not evident whether it lessened the smarting or not for he began to complain of it soon after he recovered his consciousness.

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***Monday 12 Feb., 1849***

Administered Chloroform in St. George's Hospital to ==, a little girl aged twelve, who had received some severe burns about a fortnight ago on various parts of her body – including the face, arms, side and legs – from her clothes taking fire. The burns were in a great measure healed. Three or four days ago she was attacked with symptoms which were at first considered to be chorea – but the last 2 days have been recognised to be those of tetanus. There was today rigidity of the spine and jaws, and of the right arm which is flexed – the forearm on the arm. Spasms come on every one or two minutes affecting, more particularly, the right arm; she calls out and wishes to have it held still. The head is jerked at the same time. She cannot open her mouth to show her tongue or take anything solid. Sweating, p. frequent. The arm affected with spasm not so much burnt as the other. Gave Chloroform at 4 P.M. very gently. It prevented the spasms before consciousness was quite removed. Whenever the spasm appeared to return it was given again with the effect of stopping it. The vapour induced a talkative state in which correct consciousness was occasionally observed – occasionally it induced a perfectly natural sleep. The sensitivity of the conjunctiva was diminished by it. The chloroform was continued in this way till half past five – the spasms being kept away all this time, and she took some drinks better than usual during one of the intermissions of the vapour, whilst its effect probably continued.

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65 {65} Mr. Wm. Allen Sol Quinae ʒi Sp<sup>ls</sup> Lavand Co Ac Sulph Co aa ʒi Aq ʒvi ʒi bis die.

8 P.M. went to St. George's Hospital for the little girl with Tetanus. Learnt that the spasms returned about ten minutes after I left much in the former manner, in fact as bad as before. The patient now is rather quieter and apparently inclined to sleep, but is affected with the spasms. Mr. Keate today ordered T<sup>r</sup> Opii ℥ x and Sp<sup>ls</sup> Terebin ℥ xv every two hours and she has taken three doses. Gave her the chloroform again very gently and it induced a state resembling sleep which continued for 10 minutes after it was left off. Soon, in a minute or 2 after she woke the spasms were beginning again, and the chloroform was resumed. It was continued gently till she was again asleep with the eyes turned up and the conjunctivae nearly insensible. She slept this time a quarter of an hour. The vapour was given three times more in the same way, and when I left at 25 minutes to 10 she had been asleep 20 minutes from the last administration of it. On going next day I learnt that she woke about 5 minutes after I left, and on the nurse giving her some medicine shortly afterwards she had an unusually bad fit of spasms. She continued more or less affected with spasms during the night, but getting weaker and died at 8<sup>1</sup>/<sub>4</sub> A.M. of the 13th. She had a difficulty in expectorating the mucus of the bronchi when I was there in the evening. No inspection post mortem.

Administered Chloroform today at Mr. Lintott's to a lady recommended to have my assistance by Dr. Locock whilst Mr. L. extracted four teeth. She was subject to nervous palpitations. Became insensible without struggling. The ch. was repeated after 2 teeth were removed. No pain, and no sequelae.

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**Wednesday 14 Feb., 1849**

Miss Matilda Allen. Rep Pil xii.

**Thursday 15 Feb.**

Mr. Wm Allen. Rep Mist.

Mrs. Allen, 33 Sussex St. Visit.

Mrs. Irving. Visit.

Mrs. Acton. Ext Conii gr xxiv Sol Quinae ʒi Ac Sulph Dil ʒi Aq ʒi [th] ʒss ter die.

Administered Chloroform at St. George's Hospital to Ellen Ellis, aged 34, whilst Mr. Tatum cut out a large cicatrix resulting from a burn in the flexure of the elbow joint, which prevented the extension of the forearm. Quite insensible, no struggling or excitement. Much retching after the operation, but brought nothing up. Sickness did not continue.

Administered Chloroform also to Eliza Harding, aet. 40, whilst Mr. Hewett amputated the great toe for enchondroma. The patient was very nervous and frightened and objected to inhale but after a little trouble she was made unconscious and then soon became insensible. Was sick after returning to bed and remained so from time to time during the afternoon, and was also very cold. These sequelae went off in the evening.

**Friday 16 Feb.**

Mrs. Allen, Sussex St. Visit.

Mrs. Irving. Two Visits.

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**Saturday 17 Feb.**

Mrs. Acton. Ext Conii gr xv Vini Ipec 3ii Mist Camph 3vi [th] 3i ter die.

Mr. Burbidge (Yesterday). Prescribing Sodi Sesq 3iss Vin Ip 3iss Inf Casc 3iiiss Syr Aurant 3iii Aq 3iv [th] 3i ter die.

Mrs. Allen, Sussex St. Two Visits.

Mrs. Irving. Visit.

Administered Chloroform at St. George's Hospital to John Miller, aet. 65, whilst Mr. Johnson tied off the femoral artery in the middle third of the thigh for popliteal aneurism. The patient, a gardener, was of florid complexion. He exhibited considerable rigidity and struggling just before he became insensible. Was perfectly quiet during the operation and afterwards. A little vomiting after his removal to bed, before he recovered his consciousness. Afterwards he seemed pretty well. Died.

**Sunday 18 Feb.**

Mrs. Allen. Visit.

**Monday 19 Feb.**

Mrs. Allen. Visit.

Mrs. Irving. Visit.

Mr. Wm Allen. Rep Mist Pulv Aper ii.

Administered Chloroform at St. George's Hospital to Francis Proctor, aet. 47, whilst Mr. Parkinson, dresser, extracted a molar tooth. The patient was robust and florid. She had a cancerous ulcer of the tongue on the side next the tooth. Struggling and very rigid in the third degree; got the mouth open with a little force – No sickness.

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**Tuesday 20 Feb.**

Mrs. Allen. Visit, and Consultation with Dr. Murphy.

**Wednesday 21 Feb.**

Mrs. Martin, 47 Castle St. Delivery (Fem).

Administered Chloroform to the Hon. Mr. Murray, brother of Lord Mansfield, whilst Mr. Fergusson opened some abscesses and sinuses in a congenital tumour in the situation of the sacrum, which bone is in a great measure deficient. The patient is constantly an invalid and is not robust. He inhaled very well. As soon as he became unconscious he talked rapidly and almost unintelligibly in his dreams. As soon as the talking ceased the conjunctiva was nearly insensible, and the operation began without causing any signs of sensation. Being of an exploratory nature it continued for some time – about a quarter of an hour – the inhalation being repeated from time to time. He had a sleep before recovering his consciousness, and afterwards felt pretty well, having no sickness.

Mrs. Allen. Visit.

**Thursday 22 Feb.**

Mrs. Allen. Visit.

Administered Chloroform at St. George's Hospital to Jeremiah McCaullitt, aet. 6, whilst Mr. Cutler operated for necrosis of the tibia. A little sickness just after his removal to bed, which did not continue.

- 69 Also to Nicholas Firminger, aet. 36, with florid complexion and {69} general health apparently not much impaired, whilst Mr. Cutler performed amputation of the leg for ==. He was readily made unconscious, but in the 2nd. degree was somewhat excited and in the 3rd. degree there was considerable rigidity and a tremulous starting of the whole body about every two seconds – which lasted for a short time after the operation began. Whilst the arteries were being tied he talked in a drunken manner. There was no sickness or other sequelae.

**Friday 23 Feb.**

Mrs. Allen. Visit.

Mr. Burbidge. Advice and Prescribing.

**Saturday 24 Feb.**

Administered Chloroform at 98 Sloane St. to a lady apparently about 40, a patient of Mr. Baker Brown, whilst he removed a small fatty tumour from the front of the shoulder. The usual effect of the vapour. Vomited when she recovered her consciousness a lunch of meat that she had eaten just before; in a few minutes the sickness had subsided.

Administered Chloroform at St. George's Hospital to John Herbert, aet. 37, a very big stout man weighing upwards of 14 stones whilst Mr. Cutler operated for fistula. Noisy excitement in the 2nd. degree and severe rigidity in the third but no struggling. Operation performed in this degree; about f3ii used. No sickness or other sequelae.

- 70 {70} Administered Chloroform at King's College Hospital to Eliz<sup>th</sup>. Peel, aet. 34, whilst Mr. Fergusson removed a scirrhus tumour of the breast. No particular excitement or struggling and no sickness.

*Case Books*

Also to a young man named Hall whilst Mr. Fergusson removed a cicatrix of the palm of the hand which contracted the middle finger. He became insensible (seated in a chair) without any excitement or struggling, and when I requested that the operation might begin Mr. Fergusson commenced explaining the case to the class; the vapour was discontinued and the patient snored a little. His face had been getting red for a minute or two, and it now became rather purple; it was found that the shirt collar was tight and on this being opened he resumed his usual colour. He had a little more chl<sup>m</sup>. before the operation began, and occasionally during its performance for it occupied some time. After its performance there was some retching, but nothing was brought up.

Mrs. Allen. Visit.

***Sunday 25 Feb., 1849***

Mrs. Allen. Visit.

***Monday 26 Feb.***

Mrs. Allen. Visit.

Mr. Wm Allen, Percy St. Rep Mist c Mist Camph.

Mr. Smith's Child, 2 Queen St., Golden Sq. Ext Conii gr xii Vini Ipecac ℥ xl Aq ꝑiss [th] ʒi 4<sup>ta</sup> q. q. hora.

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***Tuesday 27 Feb., 1849***

Mrs. Allen. Visits & Consultation with Dr. Murphy.

Mr. Burbidge. Advice

Mr. Smith's Child. Visit.

***Wednesday 28 Feb.***

Mrs. Allen. Visit.

Mr. Smith's Child. Rep Mist.

Mrs. Smith. Sodi Sesquicarb ꝑiss Vini Ipec ʒii Sp Lav ʒss Aq ꝑvi.

***Thursday 1 March***

Mrs. Allen. Visit.

Mrs. Bent's Baby. V. Ipec ꝑiss Liq Am Acet ꝑss Sod carb ʒi Sp Lav ℥ xx Aq ꝑvi [th] ʒi ter quatuor die.

Administered Chloroform at St. George's Hospital to Henry Harroway, aet. 19, much reduced by disease of the ankle. He exhibited very slight rigidity before being quite insensible, Mr. Johnson then made an incision which enabled him to examine the necrosed bone in the joint, but finding that it was too extensive to be removed he proceeded to perform amputation below the knee, as was the previous intention if it should be found

*John Snow*

requisite. There was an inclination to shiver after the operation probably from the rather long exposure on a coldish day. After his removal to bed he was rather sick, and again in the evening.

72

Administered Chloroform also to Esther Childs, aet. 16, whilst Mr. Hewett removed necrosed bone from the upper part of the humerus. {72} (Pupils turned upwards in this case, and the next, not in the last.) No rigidity at any time but muscles not relaxed when operation began or afterwards. Inhalation repeated two or three times, and vomiting on her being moved. Was sick two or three times during the rest of the day, and once on the following morning.

Also to Wm. Chas. Mills, aet. 7, previous to Mr. Johnson operating for hare-lip. Effect lasted during the operation 2 to 3 minutes.

Administered Chloroform also in the out-patients' room to Mr. Thomas, one of the pupils, previous to his having a tooth extracted by another pupil. Inhaled very firmly and deeply. In a short time there was rigidity of the neck and a tendency to bend it forwards. He also held his mouth so widely open that there was a difficulty in fitting the face-piece at this time. I now found that the conjunctiva was insensible (the valve I think had not been closed a minute) and the inhalation was left off. Although the pupil was a good while before he could get the claw fixed the tooth was extracted without any sign of sensation, and he recovered a minute afterwards, knowing nothing about it, and not being sick or depressed.

***Friday 2 March, 1849***

Administered Chloroform to Miss Poole, a deaf and dumb lady at 36 Upper Harley St., whilst Mr. O. Cundy removed a haemorrhoid by excision, his partner Mr. Chilvers being present. The patient appeared pretty robust and from 30 to 40 years of age. She inhaled very well and not longer than about two minutes. She began to snore a little before the conjunctiva being insensible. When it was so the operation was performed causing the least possible shrinking movement but no cry or groan. A minute afterwards she began to vomit a {73} copious dinner of soup, etc. she had taken just before, and in another minute she recovered her consciousness. She said that she felt rather sick and faint and had a little brandy and water a few minutes afterwards.

73

Mrs. Allen. Visit.

***Saturday 3 March***

Mrs. Smith. ℞ Quinae Sol ʒi Aq ʒvi Sp<sup>i</sup> Lavand ʒss [th] ʒi ter die.  
Baby. Rep Mist c Pot Carb gr xii Limonis succi ʒiss.

Administered Chloroform at King's College Hospital to Harriet Davis, aet. 21, whilst Mr. Fergusson removed a fatty tumour of the axilla which dipped down in the vicinity of the axillary plexus and vessels, and occupied some minutes in its removal. She became insensible (the 3rd. Degree) without excitement or struggling, showed no signs of sensation during the operation, and had no sequelae.

**Sunday 4 March**

Mrs. Allen. Visit.  
Mrs. Smith. Rep Mist.  
Baby. Rep. Mist.

Mr. Wm. Allen, Percy St. Zinci Sulph gr xxiv Sol Quinae ʒi Aq ʒvi Sp<sup>i</sup> Lavand Co ʒss [th] ʒi nocte maneque.

**Tuesday 6 March**

Mrs. Allen. Visit.

{74} Administered Chloroform at Guy's Hospital to a young woman whilst Mr. Key removed a tumour from the posterior part of the leg just below the ham. Became gradually insensible without excitement, except that she made a noise partly moaning and partly sobbing. Showed no signs of pain and countenance remained quite natural.

74

Also to a man excessively enfeebled whilst Mr. Cock performed amputation at the thigh for very extensive disease of the knee which was enormously enlarged. No excitement or rigidity, but he began to snore with a blowing of the cheeks before the sensibility of the conjunctiva was appreciably diminished. The inhalation was intermittent as the tourniquet was not fully adjusted and after its recommencement the sensibility of the conjunctiva somewhat diminished and the operation was performed without signs of pain. He had some wine given to him as soon as the sensibility sufficiently recovered. His pulse was small frequent and weak before he began the inhalation, and did not much vary. He seemed very well in the ward half an hour afterwards.

Also to a robust man whilst Mr. Cock performed amputation of the forearm for disease of the wrist. Rigidity and struggling previous to insensibility. No signs of pain, or sickness.

**Wednesday 7 March, 1849**

Mrs. Smith. Rep Mist.

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**Thursday 8 March, 1849**

Mrs. O'Donnell. Delivery (Fem). Guttae Anod (3rd.). Mist Sp<sup>i</sup> Ammon Co ʒ vi.  
Mrs. Allen. Visit.

75

Administered Chloroform at St. George's Hospital to an infant three weeks old whilst Mr. Hawkins operated for hare-lip. Remained quite insensible for little more than a minute till the incisions were completed, but it cried during the introduction of the needles.

Also to Francis Branen, aet. 58, a stout man 5 ft 11 high whilst Mr. Johnson amputated the middle finger together with part of the metacarpal bone and a tumour there situated at the lower end of the metacarpal bone. Muttering and struggling in the 2nd. and 3rd. degree, but no difficulty in keeping him in the chair in which he was seated and the operation was performed without signs of pain. No sickness.

*John Snow*

Also to Geo. Gates, aet. 7, whilst Mr. Johnson performed tenotomy of the tendo Achillis and divided also part of the plantar fascia. The boy was rather pale and cold afterwards having been a good while undressed on a cold day. He did not complain of being sick nor did he vomit till between 8 & 9 in the evening, when he vomited freely but was not sick afterwards.

Also to a child about a year old whilst Mr. Johnson operated on a naevus on the hand with needles and ligatures. Quite insensible to pain although voluntary motion continued.

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***Friday 9 March, 1849***

Mrs. Smith. Rep Mist.

Baby. Rep Mist.

Administered Chloroform at St. George's Hospital to Wm. Walton, aged 27, whilst Mr. Hawkins performed amputation of the right forearm on account of an accident which had occurred just before and crushed the fingers and the lower part of the bones of the forearm. Swearing during part of the operation but no signs of pain.

***Saturday 10 March***

Administered Chloroform at King's College Hospital to John Westbrook, aet 27, whilst Mr. Fergusson performed lithotomy. Insensible without excitement or struggling. Slight stertor but no signs of pain no sickness.

Also to Mary Smith a child aged 3 years whilst Mr. Fergusson removed a stone from the bladder by the urethra, after cutting and dilating the canal.

Also to === another female child of the same age whilst he performed the same operation.

No sign of pain in either case.

Mr. Burbidge. Advice by letter to Birmingham one day about this time.

*[Three blank lines.]*

Mrs. O'Donnell. Mist Aper ʒiii.

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***Sunday 11 March***

Mrs. Allen. Visit.

***Tuesday 13 March***

Mrs. Johnson. Pil Opii Mist Soda Sesquicarb ʒiv Rep Mist.

Mrs. Smith's Baby. Mist Carmin ʒi

**Wednesday 14 March**

Miss Johnson. Mist 3 vi.  
Mrs. Allen. Visit. & Yesterday.  
Mrs. Smith's Baby. Rep Mist 3 iss.  
Mrs. O'Donnell. Pil Aper ii Mist Quinae.

**Thursday 15 March**

Mrs. Johnson. Mists.  
Mrs. Allen. Visit.

Administered Chloroform yesterday to Lady Montague Cholmondely whilst Mr. Fergusson removed a small encysted tumour from the upper and inner part of the thigh. Cried out hysterically after becoming insensible, but no signs of pain, and recovered her consciousness quietly and completely.

Administered Chloroform today in St. George's Hospital whilst Mr. Hawkins removed a malignant tumour from the scrobiculis cordis of John Bowsing, aet. 43. The tumour was attached to the tendon of the rectus and required considerable time for its dissection out. No struggling or excitement. No pain or sickness.

Also to Geo. Hayden, aet. 27, whilst Mr. Johnson tied the radial artery at the wrist above and below a wound in it, which was either caused by {78} a piece of glass a few days ago, or by the subsequent sloughing and ulceration.

78

Administered Chloroform to Mr. Ashworth, from Bolton, Lancashire, whilst Mr. Coulson applied ligatures to some haemorrhoids. The patient was very tall and past the middle age. He became insensible without the least excitement rigidity, or struggling, and did not evince the least sign of pain, nor did he snore. Recovered his consciousness after a natural sleep of 10 or 15 minutes. The inhalation was resumed once for a short time on account of the smarting which however was not great.

**Friday 16 March, 1849**

Mrs. Johnson. Mist Quinae.  
Mrs. O'Donnell. Rep Mist.  
Mrs. Smith's Baby. Rep Mist.  
Mr. Allen, Percy St. Rep Mist.

Administered Chloroform at St. George's Hospital to Eliz<sup>th</sup>. Gillins, the young woman on whom Mr. Hawkins operated once before for polypus of the nose, prior to his operating again. The effect of the vapour lasted till the operation was completed.

Also to ==, the boy on whom he operated 2 or 3 times for congenital cataract last year, whilst he operated again.

Also, to a young woman named Mary Baker whilst Mr. Johnson made subcutaneous incisions in a painful node on the tibia.

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**Saturday 17 March, 1849**

Mrs. Allen. Visit.

Administered Chloroform at King's College Hospital to an infant aged 3 weeks very pale and emaciated prior to Mr. Fergusson operating for hare-lip. The chloroform was once reapplied on a sponge during the operation with the effect of preventing the pain that was about to be felt.

Also to ==, aet. 17, whilst Mr. Partridge performed circumcision on account of a venereal sore of the prepuce. No excitement or rigidity. No pain, and no sickness subsequently.

**Sunday 18 March**

Mrs. O'Donnell. Rep Mist.

Mrs. Smith's Baby. Rep Mist. Rep Limonis.

Administered Chloroform to a gentleman from the West Indies whilst Mr. Fergusson removed the right testicle affected with a large encysted tumour. The patient became unconscious and exhibited no excitement, but inhaled for a considerable time without becoming quite insensible, being in a state resembling sleep, the sensibility of the conjunctiva not diminished. After 3–4 minutes however it was somewhat diminished and the operation began. It caused considerable flinching at first and attempts to reach the hands to the seat of the operation, but no cry or groan. Afterwards he became more completely insensible. There was considerable blood lost, and in the course of the operation he began to toss his limbs about and exhibited jactitation of the body. At the same moment he became pale, and {80} a profuse sweat broke out and the pulse became very small and feeble. These symptoms of faintness gradually disappeared, and the insensibility was followed by a period of twenty minutes of natural sleep, when he woke feeling pretty well & complaining only of a slight smarting. He was totally unconscious and insensible to the operation at the time when the jactitation, amongst other symptoms of faintness, came on. He had no sickness.

80

Administered Chloroform on Thursday last to a thin middle-aged lady whilst Mr. Keate removed a large tumour of the right breast. She was a considerable time in becoming insensible owing to the interruption caused by coughing; when she became insensible the features were drawn to one side and the tongue protruded a little way. The operation did not cause any pain, but towards its conclusion she became pale and the pulse became very small and feeble. The features at the same time remained contracted. When the sensibility had partially returned she had a little wine and water and the faintness soon disappeared. Had no sickness, and had a very good night. Died in three days.

**Tuesday 20 March, 1849**

Mrs. O'Donnell. Rep Mist. Rep Pil ii.  
Mrs. Allen. Visit.

**Wednesday 21 March**

Mrs. Smith's Baby. Rep Mist Succ Pulv Hydr c Creta Co ii.  
Mrs. Allen. Visit.

{81} Administered Chloroform to Mrs. Goodridge, an elderly stout lady, whilst Mr. Caesar Hawkins removed a tumour of the right breast which after its removal appeared to be malignant. Insensible without excitement rigidity or struggling. Cried out slightly at the first incisions, but did not flinch. (When the operation began there was an inclination to stertor and the sensibility of the conjunctiva was diminished but not abolished.) At the conclusion of the operation there was vomiting which was preceded by pallor and smallness of the pulse. The vomiting soon subsided and the patient was left in a natural sleep.

81

**Thursday 22 March**

Royal Oak Benefit Soc. Examining Benjamin Dudd (Amaurosis).

Administered Chloroform at St. George's Hospital to Hannah Field, aet. 40, whilst Mr. Cutler removed a large tumour situated on the left side of the face in front of the ear extending below the angle of the jaw. Insensible without excitement or struggling. The tumour turned out easily. There was not much blood lost but, during its removal, the lips became pale and the pulse and breathing very feeble. These symptoms somewhat abated but she remained faint and low for more than half an hour. No sickness.

Also to Sarah Lydbury, aet. ===, whilst Mr. Cutler removed a small fatty tumour of the shoulder. The patient began to breathe very rapidly and deeply but, being told to breathe quietly, she did so for a few seconds but again in losing her consciousness she began to breathe even more rapidly than before. The valve was kept a quarter open and after a few inspirations of this kind {82} the face-piece was removed, but the narcotism increased, and a considerable amount of rigidity and spasm came on during which the breathing was almost suspended for some seconds and the face became purple. Soon after the breathing resumed its natural state, the countenance resumed its proper colour and the inhalation was recommenced. In a very little time she was insensible and the operation was performed without the least flinching. Recovered her consciousness promptly and without sickness.

82

Also to Mary Creedy, aet. 44, whilst Mr. Johnson removed a small fatty tumour of the shoulder. Quite insensible. Vomited just after the operation and remained sick the greater part of the afternoon, but she has been in the habit of vomiting her food for some time.

**Friday 23 March, 1849**

Mrs. Allen. Visit.

Administered Chloroform to a spinster lady upwards of 30 whilst Dr. Miller removed some folds of integument from the verge of the anus. Slight talkative excitement and then slight rigidity before she was insensible. No pain. No sickness – was cheerful afterwards.

83 Administered Chloroform to a spinster lady upwards of 30, the maid of Miss Bethell and patient of Mr. Tuach, whilst Mr. Aston Key removed the right mamma affected with a scirrhus tumour. Insensible without excitement or struggling. Became pale during the operation although there was but little blood lost. The pulse at the same time became soft and compressible and was only 44 in the minute. It gradually resumed its {83} natural frequency and force during the dressing before the patient recovered her consciousness. She was very thin. She had no sickness but felt rather cold afterwards.

**Saturday 24 March, 1849**

Mrs. Smith's Baby. Rep Mist.

Mrs. Allen. Visit.

**Sunday 25 March**

Administered Chloroform to Mrs. Stevens, a stout lady apparently 60, whilst Mr. Bransby Cooper operated on a large tumour of the labia pudenda. Sir B. C. Brodie was present. The patient inhaled very well, became unconscious in about a minute and began to talk in a scolding tone. It was two minutes or more longer before she could be got beyond this degree, the conjunctiva remaining sensible. (The water bath was probably only about 50°.) Eventually however she became quiet and the conjunctivae insensible. The operation, which consisted in passing a ligature through the middle of the tumour, separating the tumour round the edges with the knife and tying it, was performed without any pain. Recovered her consciousness quietly in the course of a few minutes and had no depression or sickness.

**Monday 26 March**

Mrs. Allen. Visit.

Mrs. Smith's Baby. Rep Mist. Rep Linim.

84 Administered Chloroform to Miss King, 38 Montague Square, a patient of Mr. O'Connor apparently under 30, whilst Mr. Fergusson {84} laid open some sinuses by the side of the anus. Inhaled very well but rather long in getting insensible. The reason of this I found afterwards to be that the bibulous paper was quite saturated with water which had probably been contained in the chloroform used for some months past. The operation was performed without pain, and she recovered her consciousness promptly and quietly and had no sickness or depression.

Administered Chloroform to a military officer, apparently upwards of 40, whilst Mr. Tatum dissected out an encysted tumour on the side of the face just in front of the ear.

### *Case Books*

There was a little rigidity in the third degree and when the operation began slight snoring and blowing with the lips (the patient was in pretty robust health). The operation lasted a considerable time, probably 20 to 30 minutes, owing to the close adhesion of the tumour to the skin and its connection with the facial nerve and the blood vessels in the neighbourhood. The patient occasionally muttered during the operation. About f̄ss of chloroform was used. He recovered his consciousness gradually being rather tipsy for a short time. There was no sickness, and there was no faintness altho' a good deal of blood was lost. He shivered near the conclusion of the operation when insensible, but the surface was not cold. It was however a cold day.

#### ***Tuesday 27 March, 1849***

Administered Chloroform to a gentleman at Mr. Lintott's, recommended by Mr. Cutler, previous to his having a tooth drawn. The patient was apparently about 40, in good health and not stout. The narcotism was carried only just to the 3rd. degree, the sensibility of the conjunctivae being a little diminished. His mouth was open, and the tooth was removed without a sign of sensation, and {85} consciousness returned immediately.

85

#### ***Wednesday 28 March, 1849***

Mrs. Allen. Visit.

#### ***Thursday 29 March***

Mrs. Snelling. Mist Magnesia etc ʒvi.

Mrs. Smith's Baby. Rep Mist.

#### ***Friday 30 March***

Mrs. Allen. Visit.

#### ***Saturday 31 March***

Mrs. Snelling. ℞ Bismuth Trisnit ʒss Ext Gent Ext Conii aa gr xv ft Pil xii i ter die sumend.

#### ***Monday 1 [sic] April***

Mrs. Allen. Visit.

#### ***Tuesday 2 [sic] April***

Mrs. Allen. Visit.

**Thursday 4 [sic] April**

Mrs. Allen. Visit.

Mrs. Snelling. Rep Pil xii.

Administered Chloroform at St. George's Hospital to Amelia Cotton, aet. 39, whilst Mr. Cutler removed a fatty tumour from the right shoulder. Narcotism to the 3rd. degree, no sign of pain. Increased colour in the cheeks during the operation, and a cheerful expression as the narcotism was wearing off, till all at once when the plasters had been applied and she was about recovering her consciousness, the colour left her cheeks and an expression of sickness supervened, & immediately afterwards she complained of feeling very sick, but did not vomit.

86 {86} Also to Mary Browning, aet. 67, whilst Mr. Cutler removed a fatty tumour of the right shoulder. No sickness.

Also to John Reddon, aet. 30, whilst Mr. Johnson removed the little finger for a large tumour (enchondroma).

Also to Mary Russell, aet. 18, whilst Mr. Hewett performed amputation at the right wrist joint, on account of scrofulous disease of the metacarpal bones, portions of which had been removed 4 months previously by Mr. Hawkins, when chloroform was given.

**Friday 6 April, 1849**

Mrs. Hill. Advice and prescribing. Applying Collodion to face affected with erysipelas.

**Saturday 7 April**

Mrs. Hill. Visit.

Administered Chloroform to Harriett Lankester, aet. 12, at King's College Hospital whilst Mr. Fergusson performed amputation just below the knee for extensive necrosis of the tibia and ulceration of the surrounding soft parts caused by a scrofulous abscess. Chloroform given first in the ward. During the tying of the smaller arteries and the introduction of several sutures the patient had the expression of being conscious, having natural motion in the eyes, except when she was in an apparently natural sleep; but the expression was perfectly placid and there was not the least moan or cry. The fingers were kept in a rather contorted position but could be moved and bent without force.

87 {87} Administered Chloroform yesterday to a middle-aged female, one of the family of Cohens, Charles St., Soho, whilst Mr. Harding punctured a tarsal tumour of the lower eyelid.

**Sunday 8 April**

Mrs. Allen. Visit.

Mrs. Hill. Visit.

Mrs. Johnson. Pil Anod c Hydr Mist Soda Carb 3 vi.

**Monday 9 April**

Mrs. Shepherd, 14 Lumber Court. Delivery Fem. Aged 20, first child. Was called about 10 last night. Pains had existed six or seven hours. Os uteri directed backwards and dilated a little. Was sent for again a little after twelve. Pains stronger. Os uteri the size of a crown piece. About two o'clock began to give chloroform. The os uteri at the time was not fully dilated, and the pains were not of a bearing down character, but the patient complained bitterly of them and cried out a good deal. The effect was carried only just to the border of unconsciousness, but the pains became less frequent for the first half hour. Afterwards they went on regularly, and the os uteri became fully dilated as the head advanced. The patient moved about a good deal during the pains in a half unconscious state. The child was born about half past four. The head, after pressing on the perineum during the last pains, receded between each pain and then came down again suddenly. The perineum was ruptured (although it was supported) almost to the verge of the anus, but not involving the sphincter. She said that the pains at last were not worse than the aching of the back between the pains in the first stage of labour. She complained of a good deal of soreness of the perineum for a few days. It was attempted by means of collodion to get the edges to unite, but the edges healed without uniting. In all other respects she recovered favourably.

Mrs. Hill. Visit.

Mrs. Johnson. Mist Quinae.

{88}

**Tuesday 10 April, 1849**

Mrs. Hill. Visit.

Mrs. Johnson. Pil Anod ii Mist Salina.

**Wednesday 11 April**

Mrs. Hill. Visit.

Mrs. Johnson. Rep Mist.

Mrs. Allen. Visit.

**Thursday 12 April**

Mrs. Hill. Visit.

Mrs. Johnson. Mist Salina Ammon.

**Friday 13 April**

Mrs. Hill. Visit.

Mrs. Allen. Visit.

**Saturday 14 April**

Mrs. Allen. Visit.

Mr. Hogarth. Pil Hydr Mist Magnesia Aper Lotio Plumbi etc.

**Sunday 15 April**

Mrs. Hill. Visit.  
Mrs. Johnson. Rep Mist.

**Monday 16 April**

Mrs. Allen. Visit.  
Mr. Hogarth. Pil Aper ii Lotio c (Acid Hydrocyan 3ss) ʒvi.  
Mast. Chas. Hogarth. Sod Pot Tart ʒii Sp<sup>i</sup> Ether Nit ʒiss Aq ʒiv Sp Lav ʒss.

89 {89} Administered Chloroform today to Mr. Hoffner, of Dacre, lodging at 6 Pont St., Belgrave Sq., whilst Sir B. Brodie introduced a catheter. The patient had inhaled both Ether and Chloroform whilst under the care of Lallemand and other Surgeons abroad. Inhaled very well, was soon unconscious and struggled violently for a short time, then became quiet, the breathing being rather stertorous. The instrument (a small elastic catheter) was soon introduced and in two or three minutes the patient recovered his consciousness, without any excitement or depression. He appeared about 40.

Administered Chloroform on Friday last in St. George's Hospital to John Andrew, aet. 39, whilst Mr. Cutler laid open some sinuses in the perineum and introduced a catheter from the perineum into the bladder. No sickness or other sequelae. This patient had an operation under Chloroform in the Hospital about the middle of Dec. last.

Administered Chloroform on Wednesday last to the sister of Mr. Clarke's Assistant, whilst her brother extracted an upper first molar tooth. Just to the 3rd. degree, quite insensible to the operation. No sickness.

Administered Chloroform on Thursday last at St. George's Hospital to James Hammond, aet. 15, whilst Mr. Keate operated for necrosis of the tibia. Vomiting before the conclusion of the operation, but no subsequent sickness.

Also to Joseph Moore, aet. 17, whilst Mr. Hawkins operated for necrosis of the tibia. Looked sick before the end of the operation, but did not vomit. Vomited freely in the evening.

Also to Jesse Smith, aet. 3 years, whilst Mr. Tatum performed lithotomy removing a rather large stone. No sickness. Quite insensible to pain although only in 2nd. degree. Went on well for 3 days and then had scarlet fever. Died on the 8th. day.

90 {90} Administered Chloroform in King's College Hospital on Saturday last whilst Mr. Partridge removed a cancer from the lower lip in a large and rather elderly man. A little excitement during the early part of the inhalation. Effect lasted to the end of the operation.

**Tuesday 17 April, 1849**

Mr. Hogarth. Rep Lotio. Mist Aper.

**Wednesday 18 April, 1849**

Administered Chloroform to the Earl of Essex whilst Mr. Fergusson divided the mental branch of the inferior dental nerve at its exit from the mental foramen. Since the infra orbital branch was divided there has been no pain in the part of the face to which it is distributed, and for several months the patient had no pain whatever. The present operation was on the same side of the face. He began by taking deep voluntary inspirations, whilst the valve was being gradually closed. After taking some half dozen such inspirations he remarked that the vapour was not taking effect very quickly, and immediately afterwards he appeared to lose his consciousness all at once, and gave over breathing for apparently more than half a minute being at the same time rather rigid, but having voluntary motion in the eyelids and the sensibility of the conjunctiva being undiminished. When he began to breathe again he was made gradually insensible, and the operation was performed. During the repeated division of the nerve the patient frequently when unconscious, but not quite insensible, made a sucking and smacking motion with his lips (The same {91} thing sometimes took place previously, when he was in pain and conscious). The vapour was repeated two or three times during the operation. He recovered his consciousness quietly a few minutes after the operation was concluded, thinking that it had not been commenced. No sickness or depression.

91

**Thursday 19 April**

Mrs. Bent's Child, 34 Castle St., Leicester Sq. (Nettle rash). Mag Carb 3ss Aqua Carui ʒiii T<sup>r</sup> Rhei Co 3ss [th] ii 4<sup>ta</sup> q. q. hora.

Administered Ether at St. George's Hospital to a middle-aged man, a patient of Mr. Tatum, with inflammation of the conjunctivae and sclerotica of both eyes. fʒii were put in the Ether inhaler and he inhaled very gradually. When he apparently became a little confused but not altogether insensible, he opened his eyes and looked about although he had been unable to do so before. ʒi more was put in which he inhaled after this. He did not become quite unconscious, and the sensibility of the eyes remained lessened for the twenty minutes that I remained afterwards.

**Friday 20 April**

Mrs. Allen. Visit.

**Saturday 21 April**

Administered Chloroform to Mrs. Clifford, 1 Frith St., a patient of Mr. Dunn, whilst Mr. Fergusson removed some portions of scirrhus looking tumour from the labia pudendi and applied ligatures to some other portions. The patient was past the middle age. She cried in a hysterical manner after losing her consciousness and exhibited some starting movements of the body and limbs wh. {92} appeared partly voluntary and partly convulsive. The operation lasted a considerable time, and as she was not insensible except when kept in the third degree of narcotism a good deal of Chloroform was used – about ʒvi. She also had a little for the first hour after the operation, to alleviate the smarting. She suffered a little from sickness during the afternoon.

92

**Sunday 22 April, 1849**

Administered Chloroform to Mr. Branburg at Islington whilst Mr. Coulson performed lithotomy. The patient was 49 years old and in pretty good general health. There was a good deal of struggling and rigidity which continued after the conjunctiva was insensible, and for a short time after the breathing had become stertorous and the inhalation had been discontinued. The stone was a very large one, weighing between 3iiss and 3i avoirdupois. The patient recovered his consciousness slowly without depression or sickness.

Mrs. Smith's Child, 2 Queen St. Rep Mist.

**Monday 23 April**

Mrs. Acton. Pil Aper ii T<sup>r</sup> Digit 3i Liq Am Ac 3ii Ac Sc 3vi Aq 3iii [th] 3ss 4<sup>ta</sup>. q. q. hora.

**Tuesday 24 April**

Mrs. Acton. Mist Salina 3iv.

Mrs. Allen. Visit. & Yesterday.

Miss Blackall. Pil Cath xii.

93 {93} Administered a little Dutch Liquid to a patient of Mr. Marshall's at 6 Rose St. in labour with her second child. It was given during the last three or four pains whilst Mr. Marshall was supporting the perineum. There was only about 20 minims which was put into the small inhaler. The straining efforts continued but the patient ceased to complain, she was not rendered quite unconscious, but she said after the child was born that the pain had been greatly alleviated.

Administered Dutch Liquid also to a patient of Dr. Murphy and Mr. Jakins of Osnaburgh St. The patient had been in labour about 48 hours with her first child. No os uteri could be felt, a thick kind of membrane closed up the upper part of the vagina, and part of the membrane presented a dense ligamentous band across the vagina. Dutch Liquid was given by means of the small inhaler. Half a drachm gradually induced a state of unconsciousness, during which the speculum was introduced, the pains (i.e. the uterine contractions and slight expulsive efforts) continued as before. A little more Dutch Liquid was put in from time to time, so as to keep up the state of unconsciousness. The eyes were turned up part of the time, but there was no excitement or rigidity. Dr Murphy proceeded to make an artificial os uteri and divide the ligamentous band. This was in great measure effected when the Dutch Liquid – about 3iii – was all used. It had kept up insensibility for about an hour. Chloroform was afterwards used, and there was little appreciable difference between its effects except that they were produced by much less inhalation – a few inspirations now and then with the valve partly open, instead of more lengthy inhalations with the valve closed. The forceps were used, and in about another hour the patient was delivered having inhaled about 3ss of chl<sup>m</sup>. Continued May 2nd.

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**Wednesday 25 April, 1849**

Mrs. Smith's Baby. Rep Mist Pulv Hydr c Cretae Co.

Mrs. Bent's Baby. Visit. & Prescribing.

Mrs. Acton. Rep Pil ii Emp Lytta.

Administered Chloroform to a patient of Mr. Angus', 18 Wardour St., whilst Mr. Marshall delivered with the forceps. The patient had been in labour upwards of 48 hours, and the pains had now almost ceased. The patient was readily made unconscious and kept so. The forceps were applied without much difficulty, as the head was low down in the pelvis, but a good deal of force was required to extract it. (I assisted now and then.) The operation lasted about half an hour and 2 or 3 drachms of chloroform were used. The hand had to be introduced after I left to deliver the placenta, and for this Mr. M. gave a little chl<sup>m</sup>. Child dead, one parietal bone having the integuments was deeply indented with the forceps. There was some laceration of the mucous membrane of the vagina – which healed. The female catheter had to be introduced for 10 days, and the patient had a frequent pulse and occasional rigors for =====. Ultimately died.

Administered Chloroform to Lady Alice Hay, aet. 15, whilst Mr. Hewett tapped a large serous cyst situated above the clavicle & scapula and afterwards passed a seton through it. Scarcely any excitement or rigidity and no sickness. Sir David Davis & Mr. Keate were present.

{95}

95

**Thursday 26 April**

Mrs. Allen. Visit.

Mrs. Smith's Baby. Rep Pulv ii.

Mrs. Bent's Baby. Visit.

Administered Chloroform at St. George's Hospital to Geo. Tolhurst, aet. 11, whilst Mr. Cutler performed lithotomy. There were six calculi, one large, and the others smaller\* and appearing to have lain in contact with each other. The biggest caused a little trouble in its removal.

*\*[Snow drew two diagrams which overlie his text at this point. They appear to indicate the size of two of the stones removed. They are reproduced thus:]*



Also to a child about a year old whilst Mr. Hewett removed a little tumour near the eye.

Administered Chloroform to an elderly gentleman at Knightsbridge, a servant of the Queen, whilst Mr. Keate & Mr. Hawkins passed a suture through the tongue and tied a double ligature round a malignant tumour of that organ. There was great rigidity which to

some extent persisted after the breathing became rather stertorous, and there was great difficulty in getting the mouth sufficiently open, as he partially recovered during the attempt. The inhalation was resumed for a short time, as I thought that a cutting operation was about to be performed. I did not attempt to carry the narcotism to the extent of causing relaxation, especially as the breathing became rather stertorous in the third degree. The mouth could not be opened till he recovered to the 2nd. degree and opened it on being told. He did not cry out much, and did not remember the operation; except the concluding part.

96 {96}

*Friday 27 April, 1849*

Mrs. Barker's Baby. Vaccination.

Mrs. Smith's Baby. Rep Mist.

Mrs. Bent's Baby. Visit, and Prescribing.

Mr. Allen, 43 Rupert St. Two Visits.

*Saturday 28 April*

Mrs. Allen, Sussex St. Visit.

Mr. Allen, Rupert St. Two Visits.

Administered Chloroform at King's College Hospital to James Wix, aged 21, whilst Mr. Fergusson performed lithotomy. Some rigidity. Operation quickly over. No sickness.

Also to John Daly, aet. 16, whilst Mr. Fergusson performed Syme's amputation at the ankle, for scrofulous disease. Not the least excitement or rigidity in this case. Narcotism carried only just to the beginning of the third degree, and during the greater part of the operation was in the second. Was sick at the conclusion, vomiting some port wine which he had taken before the operation.

Also to Joseph Ashtoury, aet. 54, whilst Mr. Fergusson removed an ulcerating tumour of a suspicious character from the scalp. Some rigidity.

97

Also to Elizabeth Griffiths, aet. 45, whilst Mr. Fergusson removed a tumour of the labium pudendi. Some rigidity. The operation was both long and difficult and attended with great haemorrhage, the tumour extending upwards into the pelvis, and being very large. (It was apparently not all {97} removed) and the external incision was very large, extending to the nates. There was no syncope notwithstanding the great loss of blood. In the ward, a few minutes after the conclusion of the operation, the pulse was only 44 – not small or weak – but she now vomited and the pulse immediately resumed its natural frequency and she recovered her consciousness more completely than before. The pulse had been slow during the latter part of the operation.

Administered Chloroform to Dr. Henry Bennet, Cambridge Square, whilst Mr. Fergusson removed a small fatty tumour situated a little above the right clavicle. No rigidity. A little sickness subsequently.

**Sunday 29 April**

Mrs. Smith's Child. Rep Pulv iii Rep Mist.  
Mrs. Bent's Child. Visit.  
Mr. Allen, Rupert St. Visit.

**Monday 30 April**

Mr. Allen, Rupert St. Visit.  
Mrs. Park. Sod Pot Tart 3iii T<sup>r</sup> Hyoscy 3ii Aq 3vi-3ss ter die.  
Miss Hogarth. Hyd Chlor gr iii Opii Ipec aa gr ss Pil Aloesc gr v ft Pil ii h. d. Sod Pot Tart 3iii Magnes C 3ss Aq 3vss T<sup>r</sup> Hyoscyam 3ii [th] 3 i 4<sup>th</sup>. q. q. hora.  
Mr. Allen, Percy St. Ext Conii gr xv Vini Ipec 3i Oxy Scillae 3ss Aq 3vss [th] 3i ter die.  
Mrs. Root's Sister (on 28th). Sodi Sesqui C 3i Ac Hydrocy m xii Aq 3vi Sp<sup>l</sup>. Lavan Co 3ss.

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98

**Tuesday 1 May, 1849**

Mrs. Snelling. Sod Sesqui C 3i Inf Quassia Dil 3vi T<sup>r</sup> Rhei Co 3iss-3i ter die.  
Miss Hogarth. Rep Mist Pil Opii gr i.  
Mr. Allen, Rupert St. Visit.  
Mrs. Allen, Sussex St. Visit.  
Mrs. Biggs, Delivery (Fem).

**Wednesday 2 May**

Miss Hogarth. Rep Mist Pil Opii gr i Cal gr ii. Two Visits.  
Mr. Allen, Rupert St. Visit.

Administered Chloroform yesterday to a lady at 7 Bernard St. whilst Mr. Henry Lee removed an encysted fibrous tumour of the breast, Mr. Prescott Hewett assisting. The patient was rather thin & upwards of thirty years of age. Readily insensible, eyes turning up. The tumour was removed and the cyst dissected out afterwards, and during this proceeding which lasted a little time, the patient was sick. Recovered her consciousness favourably and sickness subsided.

Case continued from April 24th:

She spoke rationally after ten or fifteen minutes, and fell asleep after being bandaged, &c. She slept almost uninterrupted for upwards of 12 hours, and afterwards went on without bad symptoms. The child (delicate feeble child) was in a state of asphyxia, from which it partly recovered in less than one hour, so as to move its limbs, but next day it seemed to be suffering from compression of the head, and the following day it died.

99 {99}

**Thursday 3 May**

Mr. Allen, Percy St. Rep Mist.  
Mr. Allen, Rupert St. Visit.  
Miss Hogarth. Rep Mist. Rep Pil. Two Visits.

Administered Chloroform at St. George's Hospital to a child under 12 months old previous to Mr. Johnson operating for hare-lip. Insensible during the incision, cried afterwards.

Administered Chloroform also to Mrs. Bowles, operated on by Mr. Hawkins on Dec. 2 last, whilst he removed a portion of malignant tumour which had appeared in the skin of the cicatrix. A considerable portion of integument was removed with it. She became very slowly narcotised owing to the almost horizontal position of the inhaler - voluntary motion ceased and was not followed by any rigidity or excitement, and in a short time the breathing took on a character rather inclining to stertorous, but the sensitivity of the conjunctiva was not at all diminished, nor was there any congestion of its vessels, and the eyes were not turned up. The operation was however performed and caused no sign of pain. Towards its conclusion the pulse, though pretty strong, was slightly irregular, until the patient drew a deep inspiration, when it became immediately regular, as observed by Dr. Mayo who was feeling it at the time, and it remained so. No sickness.

Mrs. Root's Sister. Rep Mist.

100 {100}

**Friday 4 May, 1849**

Mr. Allen, Rupert St. Visit.  
Mrs. Allen, Sussex St. Visit.  
Mr. Hillier. Linim Anod ʒ iss.  
Mrs. Smith's Baby. Tr Opii gtt iii Vini Ip ʒi Sp Lav ʒss Aq ʒss.  
Miss Hogarth. Cal gr ix Opii gr ii Ext Conii gr x ft Pil vi Cap i 4<sup>ta</sup>. q. q. hora. Liq Ammon Acet ʒii Vini Ipec ʒi Aqua ʒiv Sp<sup>ls</sup> Lav ʒss. Three Visits.

**Saturday 5 May**

Mr. Allen, Rupert St. Visit.  
Mrs. Smith's Baby. Mist.  
Miss Hogarth. Pil Cath ii Pil Alter vi c Hydr Chlor gr i Mist Pot Acet. Two Visits.

**Sunday 6 May**

Miss Hogarth. Mist Pil vi. Two Visits.

**Monday 7 May**

Miss Hogarth. Mist Pil Morphia gr 1/8. Emp Lytta. Two Visits.  
Mrs. Smith's Child. Mist Pulv ii.

**Tuesday 8 May**

Mrs. Allen, Sussex St. Visit.  
Miss Hogarth. Pil Morphin c Cal gr ii. Two Visits.

**Wednesday 9 May**

Mrs. Smith, Queen St., Golden Sq. Mist Rhei Co 3 vi.  
{ 101 } Miss Hogarth. Rep Mist Rep Pil. Visit.

101

**Thursday 10 May**

Miss Hogarth. Rep Mist Rep Pil. Two Visits.  
Mrs. Smith's Child. Rep Mist. Visit early yesterday morning.  
Mrs. Root's Sister. Rep Mist.

**Friday 11 May**

Miss Hogarth. Consultation with Dr. Roots and Two Visits. Mist Pil vi Pil Anod.  
Administered Chloroform on Wednesday last to Mrs. Beaumont, Argyle Sq. whilst Mr. Coulson performed paracentesis abdominis.

Administered Chloroform also at St. George's Hospital to a woman about 30 whilst Mr. Rouse, dresser, extracted a molar tooth. f3ss of chloroform was put into a hydrogen balloon holding 925 Cubic Inches. The balloon was then inflated with the bellows and attached to Sibson's face-piece without valves, and the patient inhaled from it. The eyes became turned up in about half a minute and in about half a minute more the sensibility of the conjunctiva was diminished considerably. The inhalation was left off. The mouth was opened by using a little pressure and the tooth extracted without signs of feeling. The patient opened her eyes almost immediately after the tooth was out and was quite conscious in about 2 minutes, and soon walked away. It should be stated that she began to breathe at once without making any complaint of pungency.

Immediately afterwards a boy about 12 years old inhaled chloroform in the same manner previous to Mr. Rouse taking out a tooth. He inhaled readily without complaining of the pungency of the vapour. Voluntary motion continued in the { 102 } eyes and eyelid and the pupils were not turned up. In about a minute however the sensibility of the conjunctiva was nearly removed and after inhaling a little longer the tooth was extracted without causing signs of pain. Half a minute afterwards he talked incoherently about a suit of clothes, and washed his mouth when told. He then fell asleep and was laid on the bed, and allowed to sleep 15 or 20 minutes. He then awoke: pulling his hair and speaking to him did not wake him, but on raising him to a sitting posture he opened his eyes and got ready to go, after feeling his mouth with his finger and being surprised that his tooth was out. He said that he felt rather dizzy, but he walked steadily.

102

The following day, Thursday, a man about 30 inhaled in the same manner. There was no reluctance or objection from pungency and in a few seconds, less than half a minute, the patient seemed to lose his consciousness. When he attempted to leave his seat and get rid

of the inhaler the process was interrupted and the balloon emptied and refilled, and the inhalation recommenced. The same awkwardness of the patient recurred in the 2nd. degree, and the inhalation was left off in the stage. It was not practicable to get his teeth sufficiently apart till he had partially recovered his consciousness and opened his mouth when told. The tooth, a molar, was then extracted by Mr. Butler, dresser. It required a very strong pull. The man did not make any cry or exclamation, and he said afterwards that the operation did not hurt him much.

103 A little afterwards a girl about 12 inhaled from the balloon and { 103 } without resistance or complaint and soon became insensible. The gum was lanced by Mr. Blagdon, house surgeon, and an attempt made to get out a decayed tooth. By this time, as the patient had partially recovered, the inhalation was resumed for a short time from the same bag, and she was made quite insensible again, the pupils being turned upwards and the breathing being accompanied by slight snoring. As some time was occupied before the tooth was got out, the narcotism in a great measure went off and the patient cried out loudly as the tooth came out.

At St. George's Hospital on the same day Chloroform was given with the usual inhaler by Mr. Potter, Assistant Apothecary, in my presence to John Ladd, aet. 55, whilst Mr. Hewett removed a tumour from the back consisting of a large sebaceous cyst which was dissected out. No excitement or rigidity. A little vomiting just after his removal to the wards.

Administered Chloroform to a boy about 6 years old whilst Mr. Johnson extracted a pea from the external meatus of the ear which had been there a month. Before the Chloroform Mr. Johnson had attempted to examine the ear but had been quite unable, owing to the continued intractability of the child. The operation occupied ten minutes or more, during which the patient lay perfectly still in the second degree.

**12 May, 1849**

Mrs. Allen. Visit (yesterday).

Mrs. Smith's Child. Mist Pulv ii.

Miss Hogarth. Mist Pil vi. Three Visits.

Mr. Penry's Child. (Yesterday) Visit. Mist. Magnesia, &c.

104 { 104 } Administered Chloroform in King's College Hospital to Henry Pickthall, aet. 36, a man in robust health, whilst Mr. Fergusson operated for fistula. He struggled violently soon after losing his consciousness, and muttered a little as the struggling subsided. No signs of pain. Walked back to bed soon after.

Also to Thos. Sawyer, aet. 37, whilst Mr. Fergusson first attempted to introduce catheters, and afterwards cut down on the urethra in the perineum and introduced the catheter. Insensible without excitement or struggling, and scarcely any rigidity. The operation lasted a considerable time, during which he was kept insensible but there was no depression or sickness.

**Sunday 13 May, 1849**

Mr. Smith's Child. Visit.  
Miss Hogarth. Mist. Two Visits.  
Mrs. Allen. Visit.  
Mrs. Leif. Pil Cath ii Mist Salinae Am 3 vi.

**Tuesday 15 May**

Miss Hogarth. Mist. Two Visits.  
Mrs. Leif. Rep Mist.

Administered Chloroform to a gentleman, aet. 75, at Twickenham, a Colonel, whilst Mr. Bowman extirpated the eyeball for a cancerous growth affecting it. Mr. Hodgson was present. Patient readily became insensible without excitement, struggling {105} or rigidity. The insensibility was kept up during the operation by the application to the mouth and nostrils of a hollow sponge squeezed out of water on which was poured from time to time a little of a mixture of one part chloroform to two of rectified spirits. Consciousness returned gradually a few minutes after the operation. No sickness or depression. The lip was deeply reddened by the contact with the sponge.

105

Administered Chloroform at 19 Gloucester Terrace, Hyde Park to Mrs. Fergusson, the wife of a medical man in Jamaica, whilst Mr. Fergusson removed a fatty tumour from the back of the right shoulder. No complications or sequelae.

Administered Chloroform to a baby, 10 months, in Maddox St. whilst Mr. Fergusson operated for hare-lip. Small apparatus, and effect kept up by means of a little chlor<sup>m</sup>. on a sponge.

**Wednesday 16 May**

Miss Hogarth. Mist Pil Morphia. Two Visits.  
Mrs. Leif. Mist Ammon.  
Mrs. Allen. Visit.

Administered Chloroform to Miss Cubitt, Clapham New Park. She has been subject to epilepsy for about 17 years, being now 27 years of age. The fits come on usually every 4 or 5 weeks, but are sometimes longer absent. This is about the time they might be expected. Accompanied Dr. Todd, & with Sir James Clark, Mr. Parrott & his partner Dr. Young. Patient coughed a little at first so that it was some time (2 minutes or so) before she could fairly begin {106} to inhale. When she became unconscious she attempted to raise her hand and tossed it about. After a little while the pupils became turned upwards, and she became quiet, at the same time snoring a little, the mouth being wide open. The inhalation occupied five minutes. There was no decided rigidity at any time. She recovered her consciousness in two or three minutes, looking rather exhilarated for a minute or two, as she had done when first losing her consciousness. Felt rather sick for a short time, and felt rather excited the rest of the evening.

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**Thursday 17 May, 1849**

Miss Hogarth. Mist Pil Anod. Two Visits.

Mr. Potter administered Chloroform at St. George's Hospital to Michael Foley, aet. 19, whilst Mr. Cutler removed the toe-nail. No complications or sequelae. (A good deal of rigidity as he was getting insensible.)

Administered Chloroform to Elizabeth Purzey, aet. about 30, whilst Mr. Cutler amputated the second toe. After losing her consciousness there was considerable rigidity accompanied with strong convulsive shaking of the whole body. As this subsided the patient cried out: she then became quiet, the eyes being turned up and the limbs not being relaxed. The operation was performed without sign of pain. Vomiting at the conclusion, before recovery of consciousness.

Administered Chloroform again to Miss Cubitt. On this occasion, the balloon holding 2200 cubic inches was used, into which 50 minims of chloroform were poured previous to its being filled with air. She breathed it easily, without the coughing occasioned yesterday. She became more quietly insensible, having less tossing about of the head. When a little {107} more than three-quarters of the balloon had been inhaled she was insensible, the pupils being turned upwards and the sensibility of the conjunctiva being nearly abolished. (Yesterday it was not much diminished.) There was no tendency to stertor or snoring as yesterday. The inhalation, wh. had occupied 4½ minutes, was discontinued. The patient quietly recovered her consciousness in a few minutes, and then inhaled again – the bag having been emptied and re-charged in the same way. She inhaled only about half its contents this time, becoming unconscious but narcotized only to the second degree. After recovering her consciousness she felt rather sick, but did not vomit. She also felt cold. She had a restless night and next morning felt depressed, and her mother would not allow the inhalation to be repeated.

**Friday 18 May**

Miss Hogarth. Consultation with Dr. Roots. Two other visits. Mist Salina Pil Anod ii c Ext Colch gr ii Emp Lytta Magn.

Administered Dutch Liquid to a patient of Dr. Murphy near King's Cross while he delivered with the forceps. She was 35 years of age, a primipara, and had been in labour 48 hours. Half a drachm was put in the small or midwifery inhaler. The patient objected a little to the pungency at first, but afterwards inhaled readily and in about two minutes appeared unconscious – the pupils being turned upwards, and the eyelids firmly closed and resisting the attempts to open them. Dr. Murphy now began to introduce the forceps, and the patient cried out a little. Another half drachm of the liquid was put in and the patient soon became quiet. Delivery of the child was accomplished in less than half an hour. 3ii was used in all. Between the birth of {108} the child and the delivery of the placenta (about 10 minutes) the patient talked in a rambling manner as she had once or twice done for a short time before the inhalation was finally discontinued. She vomited before recovering her consciousness. When I left, about a quarter of an hour after the inhalation was left off, she answered correctly, but required twice to be asked a question.

**Saturday 19 May, 1849**

Miss Hogarth. Mist. Pil Morphia. Two Visits.  
Mrs. Allen Visit.

**Sunday 20 May**

Miss Hogarth. Mist. Two visits.

**Monday 21 May**

Miss Hogarth. Mist. Two Visits. Pil Morphia.  
Mrs. Leif. Pil Aper xii.  
Mrs. Allen. Visit.

**Tuesday 22 May**

Miss Hogarth. Mist. Two visits.

**Wednesday 23 May**

Miss Hogarth. Mist. Two visits.

Administered Chloroform to a middle-aged lady at Dr. Thomson's, 51 Charlotte St., whilst Mr. Fergusson performed amputation of the breast for a scirrhus tumour. No excitement, struggling or rigidity. No sickness.

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**Thursday 24 May**

Miss Hogarth. Lotio Aluminis pro [ ] Mist. Two visits.

Administered Ether at St. George's Hospital to ==, aged 15, whilst Mr. Tatum endeavoured to reduce a dislocation of the hip of four months duration. It was given with the ether apparatus, the water bath being about 63°. The patient resisted the inhalation a little, apparently on account of the pungency of the vapour, and there was a great flow of saliva which was troublesome and caused some interruption. It was 2 or 3 minutes before he altogether lost his consciousness, and about 4 minutes before he was insensible. The pupils turned upwards, there was some snoring almost immediately after voluntary motion ceased, and at one moment the face was livid – probably from the saliva flowing back and impeding respiration for a minute – for there was occasional coughing apparently from the saliva. 3vi of ether had been put in and was all used soon after he became insensible. The inhalation was continued from time to time during the traction with the pullies and the efforts which were ineffectual to reduce the dislocation. The etherization was kept up altogether about half an hour, and 3ii of ether were used. The skin was florid and warm, and the pulse a little accelerated. No sickness. He was in the second degree the greater part of the time, but was quite passive, and the muscles relaxed.

*John Snow*

Administered Chloroform to a lady, about 30, a patient of Mr. Chas. Aikin whilst Mr. Aston Key performed amputation of the right breast affected with sero-cystic tumour. No excitement, rigidity or sickness.

***Friday 25 May***

Miss Hogarth. Mist c Iod Pot. Two visits.

Mrs. Allen's Baby. Vaccination.

- 110 {110} Administered Chloroform at St. George's Hospital to a working man, about 35, whilst one of the pupils extracted a tooth. The balloon holding 2200 cubic inches was used attached to the face-piece with valves. About 65 minims were put in which would afford about 3 per cent of vapour. The man breathed very slowly, inspiring very little air at once. He became affected to a certain extent, but not unconscious. When he had been inhaling probably about four minutes, and had inhaled about three quarters of the air, he asked to have his tooth drawn. The dresser first lanced the gum and then extracted the tooth. The man was conscious, and he said that it had hurt him nearly as much as if he had not had the stuff.

***Saturday 26 May, 1849***

Miss Hogarth. Mist. Two visits.

Administered Dutch Liquid at King's College Hospital to an infant under a year old on whom Mr. Fergusson operated for a vascular tumour on the back in a state of ulceration. 3ss was put into the small inhaler, and the child got to inhale it. The face-piece fitted pretty well. The child went on crying, being but little influenced by the vapour. In about 2 minutes it cried less, and in about a minute more the crying had nearly ceased. Voluntary motion continued, but as I was unwilling to detain Mr. Fergusson and the rest, the operation was commenced. The introduction of the sutures caused the child to cry, and before Mr. F. divided the segments of skin between the ligatures I put a little chloroform into the inhaler, after which a few inspirations made the child insensible, and the operation was concluded without pain.

Administered Chloroform to a boy, nearly grown up, whilst Mr. Partridge divided two tendons for club foot. No complications.

Also to a girl whilst Mr. P. divided the tendo Achillis. No complications.

- 111 {111} Also to Eliz<sup>th</sup>. Hawes, aet. 30, whilst Mr. Fergusson removed the right mamma affected with scirrhus. Patient vomited before the end of the operation.

Administered Chloroform to a woman, aged 43, in Greek St., a patient of Mr. Marshall whilst Mr. Wade removed an encysted tumour filled with sebaceous matter situated in the usual place of a femoral hernia. The patient had been affected with vomiting and great distension of the abdomen for a week and the bowels had been constipated the greater part of this time. There was no tenderness in the tumour, and a good deal in the abdomen yet – as the woman would evidently die if not relieved – it was thought advisable by Mr. Fergusson who was called in to operate on the tumour in case it might be a hernia. Her

pulse was pretty good & about 80, but the features were sunken and the eyes inclined to turn up and the eyelids to droop, and – although rational – her memory was impaired and her intellect seemed dull. She said that she should not live. She was readily made insensible without any rigidity, &c. The pulse remained good and she showed no sign of sensation. The countenance during inhalation turned of a dark brownish red – which remained after she recovered her sensibility as long as I remained (about 20 minutes). The heart was pushed up by the distension of the abdomen and when the chest was uncovered an undulating pulsation was seen in the 2nd. and 3rd. intercostal spaces on the left side of the sternum. The patient got gradually worse and died on the evening of the following day. At the inspection of the body on Monday forenoon a large quantity of soft lymph was found spread over the intestines everywhere, and a few pints of dirty, offensive fluid nearly of the colour and consistency of gruel. The ileum was distended to the natural size of the colon, which was also much distended. The caecum and its appendix were in the pelvis and attached there by adhesions – on raising them thin calculi dropped from the {112} appendix. They seemed to be protruding, and ready to drop out. The inflammation seemed more intense about this part of the intestine, and part of the appendix was nearly black either from gangrene or intense congestion.

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***Sunday 27 May, 1849***

Miss Hogarth. Mist. Two visits. Lotio Boracis et Camph [th]ss.

***Monday 28 May***

Miss Hogarth. Visit.

Mrs. Allen. Visit.

***Tuesday 29 May***

Miss Hogarth. Mist. Pil Aper ii. Visit.

Administered Chloroform to a child, 18 months old, of Mr. Harrison, 29 Bedford Square, whilst Mr. Fergusson operated for hare-lip. Dr. Richards was present. The small inhaler was used and afterwards a sponge on which was placed chloroform diluted with 2 parts of spirits of wine. There was vomiting just after the operation of broth which the child had taken 1 1/2 hours previously.

Administered Chloroform also to Miss Blackburn, 47 Cheapside, a young lady in a feeble and reduced state whilst Mr. Key removed a sequestrum from the upper part of the tibia. The disease had existed 12 years. A small saw was used instead of the trephine, and the operation was concluded in about 10 minutes. There was a little vomiting afterwards. Mr. May was present.

**Wednesday 30 May**

Miss Hogarth. Mist. Visit.  
Mr. Dearen's Child. Pulv Alter ii.

- 113 { 113 } Administered Chloroform to a child, aged 5, of Mr. Tate, 1 Cambridge St., Golden Square, a patient of Mr. Angus whilst Mr. Fergusson removed a tumour from between the scapulae which had been thought to be a fatty one but turned out to be encysted and containing some vascular structures within the cyst. Vomited afterwards, of dinner recently taken.

**Thursday 31 May**

Miss Hogarth. Mist. Visit.  
Mrs. Sutton's Baby. Vaccination.

Assisted Mr. Potter to administer Chloroform at St. George's Hospital to ==, aged ==, whilst Mr. Hawkins performed lithotomy. No complications or sequelae.

Administered Chloroform to a middle-aged woman whilst Mr. Cutler removed one of the nymphae. Given of full strength at the last, and effect accumulated, the breathing being sobbing, and not much air entering for several inspirations, the diaphragm only acting. In a short time it became rather less stertorous for a few more inspirations.

Also to another woman, very much reduced in strength whilst Mr. Cutler applied potassa fusa to an extensive tumour of condylomata of the labia pudendi.

**Friday 1 June**

Miss Hogarth. Pil Aper ii. Visit.

**Saturday 2 June**

Miss Hogarth. Mist. Visit.

Administered Chloroform at King's College Hospital to a middle-aged woman whilst Mr. Fergusson removed the left mamma affected with tumour.

Also to a young man on whom he performed circumcision.

- 114 { 114 } Administered Chloroform to a child of Pattison's, of Liverpool, at a lodging in Mill St., whilst Mr. Fergusson operated on one side of a double hare-lip. Repeated on a sponge during the operation.

**Sunday 3 June, 1849**

Miss Hogarth. Visit.

**Monday 4 June**

Miss Hogarth. Mist. Pil Aper ii. Visit.

**Tuesday 5 June**

Miss Hogarth. Visit.

Administered Chloroform in St. George's Hospital to a young and slender female about 20 previous to one of the pupils, Mr. Rouse, extracting a tooth. The balloon was used. 3iss was put in. She appeared to be unconscious in less than a minute, but after that time the breathing was very gentle and the narcotism did not perceptibly increase for some time. The conjunctivae remained sensible. In a minute or two, however, the sensibility of it was somewhat diminished and the tooth was extracted without sign of pain. The contents of the balloon were not quite half inhaled. In about two minutes after the tooth was removed she began to recover her consciousness, and the effects of the vapour soon went off without leaving any sequelae. There was no excitement or rigidity in this case.

A young labouring man, about 19, inhaled from the balloon containing the same quantity. He breathed rather deeply and soon became {115} unconscious, attempting at the same time to leave his seat. He was held and in a little time became rather more narcotised but was still rigid. As the mouth was opened with a spatula he shouted out, but he uttered no cry when a large molar tooth was extracted requiring the use of great force, or yet about a minute afterwards when another tooth was pulled out – although by this time he had recovered voluntary motion, and he said afterwards that he did not feel either of the teeth removed.

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**Wednesday 6 June**

Miss Hogarth. Mist. Visit.

**Thursday 7 June**

Miss Hogarth. Visit. Pil Aper ii.

Administered Chloroform at St. George's Hospital to ==, who had an operation performed about 3 months ago, whilst Mr. Cutler removed necrosed bone from the stump of the humerus. There was considerable difficulty in getting the patient to inhale from intolerance of the pungency of the vapour. When he at last lost his consciousness there was a good deal of excitement, and he continued to resist the inhalation. In a little time, however, he was rendered quite unconscious. The operation lasted 20 to 30 minutes and some very large portions of sequestrum were removed. A little sickness after his removal to bed.

Mrs. Allen's Baby. Visit.

**Friday 8 June**

Miss Hogarth. Visit. Mist.

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**Saturday 9 June, 1849**

Miss Hogarth. Visit. Pil Aper ii. Mist.

Administered Chloroform at King's College Hospital to Thos. Sawyer, a man with stricture who took chloroform on a previous occasion, whilst Mr. Fergusson introduced a catheter, and afterwards opened some sinuses in the perineum.

Also to May Taylor, aet. 33, whilst Mr. F. removed an encysted tumour from the head.

Also to John Battershall, aet. 38, whilst Mr. Fergusson enlarged the orifice of the urethra which was situated about half an inch behind the glans, and introduced a catheter.

Mrs. Allen's Baby. Visit.

**Sunday 10 June**

Mrs. Snelling. Mist Magnes &c ʒvi.

Miss Hogarth. Visit.

**Monday 11 June**

Miss Hogarth. Visit. Mist.

Mrs. Snelling. Pil Ferri et Gent xx.

**Tuesday 12 June**

Mrs. Elworthy. Delivery (Fem). Face Presentation.

Miss Hogarth. Visit. Mist.

117 Administered Chloroform yesterday at Mr. H<sup>y</sup>. Baker's, 11 Upper Gower St, to a young gentleman aged about 12 whilst Mr. Aston Key removed necrosed bone from the radius and ulna. The patient was much {117} reduced in strength, and the operation lasted about 20 minutes. He vomited his dinner taken an hour or two before. It was intended to operate on the tibia also, but as the pulse was rather feeble this latter operation was deferred.

Administered Dutch Liquid and Chloroform to a patient of Dr. Murphy, 33 Upper Seymour St, Euston Sq., in labour with deformed pelvis. A drachm and a half of Dutch Liquid was dropped in by a little at a time to the small inhaler wh. was lined with spongiopiline. It was dropped in during ten minutes that she inhaled without interruption but she was only rendered partially unconscious, and the hand being introduced towards the end of this time to make an examination she cried out and complained of being hurt. Chloroform was afterwards used by the same inhaler. It soon rendered her unconscious and then insensible. The funis was felt within the membranes to be down in front of the head and pulseless. The diameter of the pelvis from sacrum to pubis was only about 2½ inches; the os uteri was quite dilated. The head was perforated by Dr. Murphy. Some difficulty was experienced in getting it through the pelvis after the brain was macerated, and the forceps were used for this purpose. The uterus contracted favourably and the placenta was soon expelled without haemorrhage. There were occasional contractions of

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the uterus and expulsive efforts during the operation, at those times when the patient was not narcotised beyond the second degree. About ʒvi of chloroform was used. Next day the patient was going on well.

***Wednesday 13 June***

Miss Hogarth. Visit.  
Mrs. Barker's Baby, Amphill Sq. Visit.

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***Thursday 14 June, 1849***

Miss Hogarth. Visit. Mist Ipec et Hyos.

Administered Chloroform at St. George's Hospital to Edgar Mason, aet. 16, whilst Mr. Hawkins removed diseased bone from the metatarsus. Had dined, and vomited after his removal to bed.

Also to John Grandalfi, aet. 55, whilst Mr. Hawkins operated for fistula in ano. No sickness.

Also to Frances Ford, a little girl aet. 4, whilst Mr. Cutler removed a tumour situated just above the eyelid & extending in the orbit a little way. The operation lasted for some time during which insensibility was kept up by pouring chloroform on a sponge.

Also to Francis Dunn, a man aet. 34, whilst Mr. Tatum operated for necrosis of the tibia following a compound fracture. The operation lasted a considerable time, 20 to 30 minutes. There was no sickness or depression.

***Friday 15 June***

Miss Hogarth. Visit. Mist.  
Mrs. Barker's Baby. Visit.

***Saturday 16 June***

Miss Hogarth. Visit. Mist.  
Mrs. Barker's Baby. Visit.

Mrs. Park. Hyd Chlor gr iiss Morphia Acet gr  $\frac{1}{4}$  ft Pil st. Mist Aper c Rheo ʒvi - ʒi 4<sup>ta</sup> q. q. hora.

Mrs. Snelling. Rep Pil xx.

***Sunday 17 June***

Miss Hogarth. Visit. Mist.

{ 119 } Administered Chloroform yesterday in King's College Hospital to Charlotte Peters, a stout woman aet. 37, whilst Mr. Partridge removed a large fatty tumour from the labium pudendi. Scarcely any excitement or rigidity.

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Also to John Lattany, aet. 43, a spare muscular man, whilst Mr. Fergusson cut into the urethra in the perineum on account of bad stricture and sinuses in the perineum. There was violent struggling for a short time after he was unconscious. Mr. Fergusson could not introduce a catheter before he began the operation which was difficult and rather tedious. He succeeded, at last, in getting a catheter into the bladder. There was no sickness or depression.

***Monday 18 June***

Mrs. Barker's Baby. Visit.

Administered Chloroform to a child aged 5 years of Dr. Malvern, a homeopathic practitioner, Upper Seymour St., Portman Square, whilst Mr. Fergusson divided the middle from the ring finger, they being attached by the integuments in one hand. The child vomited its dinner eaten two hours before.

Administered Chloroform to Mrs. Townshend from Chester, aged about 70, residing at 1 Bulstrode St., whilst Mr. Key operated on a tumour situated at the umbilicus. Sir B. Brodie was present. It was found, after making an incision and dissecting down on one side, that the tumour could not be removed without laying open the cavity of the abdomen and consequently the operation was discontinued and the wound closed. The patient felt sick afterwards, but did not vomit whilst I remained.

Administered Chloroform to a youth about 18, son of Col. Forster, Southampton Row, whilst Mr. Key removed a tumour attached to the inner and {120} anterior part of the femur a little above the knee. It was difficult to get him to inhale on account of objections he raised to the pungency of the vapour. After a time, however, he was easily rendered insensible and the tumour was soon removed.

***Tuesday 19 June, 1849***

Mrs. Park. Liq Am Acet ℥ii Ant Pot Tart gr ss Aqua ℥iv Sp. Lavand ℥ xx [th].  
Miss Hogarth. Visit. Mist.

***Wednesday 20 June***

Mrs. Barker's Baby. Visit.  
Mrs. Irving. Advice and prescribing.

***Thursday 21 June***

Mrs. Irving. Visit.  
Miss Hogarth. Visit.  
Mr. Johnson, Newport St. Mist Anod ℥iii Pil Cal & Op vi Mist Liq Am Acet ℥vi.  
Mrs. Johnson. Pil Anod Mist Ac Hydroscoy ℥vi Pil Anod.

Chloroform administered in St. George's Hospital yesterday by Mr. Potter during amputation below the knee performed by Mr. Johnson on a woman with a compound fracture just received.

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And today to an old man whilst Mr. Johnson removed a cancer of the lower lip. I superintended the chloroform today, and the full effect lasted 3 minutes, in fact till the ligatures were nearly all applied. No sickness.

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***Friday 22 June***

Mr. Johnson. Vena Sectio ad 3 x Rep Pil vi Rep Mist. Four Visits.

Mrs. Johnson. Mist Sp<sup>ls</sup> Ammon Co.

Mrs. Park. Mist Liq Am Acet et T<sup>r</sup> Hyoscy.

Mrs. Irving. Visit.

Administered Chloroform to Mr. Hastings, an Officer who has been in India, whilst Mr. Saunders cut off the crowns of two incisor teeth and destroyed the nerves of these and another. Is a very nervous person, and was hysterical during his recovery.

***Saturday 23 June***

Mr. Johnson. Mist Pil vi. Four visits.

Mrs. Johnson. Mist Salinae.

Miss Hogarth. Visit.

Administered Chloroform at King's College Hospital to Hill, aet. 49, whilst Mr. Fergusson divided the urethra in the perineum for stricture with old sinuses. No sickness or other sequelae.

***Sunday 24 June***

Mr. Johnson. Mist. Two visits.

Mrs. Barker's Baby. Visit.

***Monday 25 June***

Mr. Johnson. Mist. Two visits.

Miss Hogarth. Visit.

Mrs. Barker's Baby. Visit.

Mrs. Park. Mist.

{122} Administered Chloroform to Mrs. Stevens, 55 Clarendon Square, the patient on whom Mr. Bransby Cooper operated on March 25 whilst he tied some fresh growths in the vagina. No sequelae. Sir B. Brodie present.

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***Tuesday 26 June, 1849***

Mr. Johnson. Consultation with Dr. Watson. Two other visits.

Mrs. Bent's Baby. Visit and prescribing.

**Wednesday 27 June**

Mr. Johnson. Two visits.

Mrs. Barker's Baby. Visit.

Mrs. Dearen. Mist Cretae Opii et Catechu ʒvi.

Mrs. Bent's Baby. Mist Magnesia et Hyos ʒss.

Miss Hogarth. Visit. Pot Iod gr xii Ferri Cit gr xii Aq ʒvi Sacch.

Administered Chloroform to a young lady, aet. 14, daughter or niece of the Rev<sup>d</sup>. F. Starkey at Wilton Place, Chelsea, whilst Mr. Fergusson removed a tumour from the side of the face which consisted of an enlarged and scrofulous gland partially suppurating. The facial nerve, or a chief branch of it, was exposed during the operation. No vomiting or sequelae. Mr. Johnson was present.

Administered Chloroform also to a single lady upwards of 30 whilst Mr. Duffin removed the mammary gland affected with a tumour. Had taken food and was sick.

**Thursday 28 June**

Mr. Johnson. Two Visits.

Mrs. Hogarth. Visit.

123 {123} Mrs. Bent's Baby. Visit.

Mrs. Snelling. Rep Pil xxx. Child. Ung<sup>t</sup> Zinci ʒi.

Administered Chloroform to Mr. Kendal from Devonshire at the Union Bank. The patient who took ether in Aug. 1847 when Mr. Liston applied Chloride of Lime to a tumour on the face. On the present occasion Mr. Quain applied Chloride of Lime to the large cancerous opening on the face, and removed the application at the end of four hours. He made great objection on account of the pungency of the vapour but he was made insensible with a little trouble and was kept unconscious between 4 and 5 hours with the exception of a few minutes on one occasion when he was only partially conscious. Rather more than ʒiii of chloroform was inhaled, and when that was done ʒss of Ether. He slept upwards of half an hour after the inhalation was discontinued, and after that he was not in pain. There was no sickness nor depression, the pulse and temperature being good.

Administered Chloroform in St. George's Hospital to a young woman requiring to have a tooth drawn. The large balloon was used. ʒ LXXX were put in being 4 cubic inch to each 100 of vapour. In a minute or two she became unconscious, and soon afterwards voluntary motion ceased and the pupils turned upwards, the sensibility of the conjunctiva being much diminished. The inhalation was discontinued and it was endeavoured to get open her mouth which was firmly closed, but before this could be effected she began to look about her. {124} The inhalation was consequently resumed for a short time when the pupils again turned up. The mouth was this time got open by a little force, and the tooth which required a very strong and continued pull was got out without any sign of sensation whatever. The patient was laid down on the bed and slept for 10 or 15 minutes, after which she felt very well and went away. Half the air was inhaled, and consequently 40 minims of chloroform. The patient might probably weigh rather more than 7 stones of 14 lb. [and] from 25 to 30 mins. were inhaled before the first attempt to open the mouth.

**Friday 29 June, 1849**

Mrs. Metcalfe. Delivery (Mas).  
Mr. Johnson. Mist Magnes c Ac Hydrocyan. Two Visits.  
Miss Hogarth. Visit. Rep Mist.  
Mrs. Hogarth. Collyr Am Acet & Camph ʒiv.  
Mrs. Barker's Baby. Visit.  
Mrs. Bent's Baby. Pulv Hydr c Creta Co iii.

**Saturday 30 June**

Mr. Johnson. Rep Mist. Two visits.  
Miss Hogarth. Visit. Rep Mist.  
Mrs. Barker's Baby. Visit.

Administered Chloroform in King's College Hospital to Tom Curtis, aet. 47, a working man, thin but ruddy and muscular, whilst Mr. Fergusson performed amputation of the fore-finger with part of its {125} metacarpal bone. Struggling previous to insensibility. No sequelae.

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Administered Chloroform about ten days ago to Mrs. McAllister, 20 Gt. Earl St., 7 Dials, a patient of Mr. Marshall suffering from English ? Cholera. There had been very copious dejections all day which were still going on. They were very watery but coloured with faeculent matter. She had severe cramps and almost constant vomiting. The pulse was small, feeble and frequent. She inhaled from the small inhaler to the extent of being made just unconscious, and when she woke up in a few minutes the inhalation was repeated to the same extent. (The quantity of chloroform was not measured. Soon after I left she fell into a natural sleep which lasted 2½ hours, and she continued afterwards to improve.

**Sunday 1 July, 1849**

Mr. Johnson. Two visits. Mist.

Administered Dutch Liquid to a child aged about 7 years at 14 Queen St., Soho – a patient of Mr. Marshall affected with Cholera, apparently Asiatic, having copious watery evacuations devoid of colour and odour, and severe vomiting. The features were sunken, and the pulse about 160 and so feeble as scarcely to be felt. She inhaled 20 minims which produced a state of unconsciousness, or else of sleep, from which she woke in about 10 minutes, and the same quantity was inhaled again with the like effect and the sleep lasted longer. The pulse was improved by the inhalation being rendered stronger and less frequent, but the main symptoms of the diarrhoea went on as before. The child recovered.

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**Monday 2 July, 1849**

Miss Hogarth. Visit.  
Mrs. Barker's Baby. Visit.  
Mr. Johnson. Visit. Mist Pil Aper ii.

**Tuesday 3 July**

Mr. Johnson's Ser<sup>l</sup>. Mist Ac Hydrocy Pil Aper ii.  
Miss Hogarth. Mist.  
Mrs. Barker's Baby. Visit.

**Wednesday 4 July**

Mr. Johnson. Mist Soda Pot Tart.  
Mrs. Barker's Baby. Visit.

Administered Chloroform again to Mrs. Stevens, Clarendon Sq., whilst Mr. B. Cooper applied one or two more ligatures. No sickness.

Administered Chloroform to Col. Glenny from Chatham, lodging at 9 Salisbury St., whilst Mr. Fergusson performed lithotrity. The patient was between 60 and 70, rather stout and plethoric. There was struggling and rigidity for a short time previous to the insensibility. No sequelae.

**Thursday 5 July**

Miss Hogarth. Visit.

Administered Chloroform to Mr. Harris, upwards of 50 lodging at 22 Mortimer St., whilst Mr. Fergusson removed some folds of skin from the verge of the anus on account of prolapsus. Patient not robust. No rigidity or struggling. No sickness. Rather hysterical afterwards. Complained greatly of smarting and Morphia draught prescribed.

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**Friday 6 July**

Mrs. Barker's Baby. Visit.  
Mr. Johnson's Ser<sup>t</sup>. Pil Aper vi.

**Saturday 7 July**

Administered Chloroform to Mrs. Partington, a patient of Mr. Cundy, at Mr. Rogers', Sackville St., preparatory to extracting a tooth. No resistance or sequelae.

Mrs. Dearen. Mist Magnes Sod Pot Tart et Vini Colch T<sup>r</sup> Card - ʒvi.  
Child. Mist Vini Ipec et T<sup>r</sup> Hyos ʒiii (T<sup>r</sup> Lav).  
Miss Hogarth. Visit. Mist Ferri Cit et Soda Tart.  
Mr. Johnson. Mist Magnes Sulph Magnes et T<sup>r</sup> Card.  
Mrs. Barker's Child. Visit.

**Sunday 8 July**

**Monday 9 July**

Mrs. Barker's Baby. Visit.

Administered Chloroform again to Col. Glenny whilst Mr. Fergusson crushed several fragments of the calculus. The operation lasted upwards of half an hour, and ʒi of Chloroform was used. No sequelae.

**Tuesday 10 July**

Mr. Johnson. Mist.

Miss Hogarth. Visit. Mist.

**Wednesday 11 July**

Mrs. Dearen. Rep Mist.

Miss Hogarth. Visit. Mist.

Child. Rep Mist.

Mrs. Barker's Baby. Visit.

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**Thursday 12 July, 1849**

Mrs. Barker. Visit.

**Friday 13 July**

Mrs. Barker. Two visits.

Miss Hogarth. Visit. Rep Mist.

Mr. Johnson. Mist Pot Acet.

Mrs. Dearen's Child. Pulv Hydr Chlor gr iiss Mist Antim ʒiii.

**Saturday 14 July**

Mrs. Penry's Children. Mist Cretae c Opio et Conf Arom ʒiii.

Mrs. Barker. Visit.

Administered Chloroform at Mr. Harrison's, Dorset Square, to Mrs. Davidson, aet. 27, who had two teeth extracted. The patient was married in India before she was 15, has had a large family, and is now under the care of Dr. Bennett for some affection of the uterus. She is very hysterical. She had a hysteric fit when placed in the chair before taking the chloroform. The body was curved backwards and the limbs contracted. She seemed unconscious when the face-piece was applied, but immediately became conscious and objected to the pungency of the vapour although there was a scarcely perceptible quantity in the air. With a little trouble she was induced to inhale, and became first unconscious and then insensible without excitement or struggling. The mouth was rather firmly closed, but was got open with a little pressure and the teeth extracted without sign of pain. She recovered her consciousness in a few minutes, but afterwards had hysteric fits to which she is subject. No sickness.

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**Sunday 15 July**

Mrs. Barker. Visit.  
Mrs. Dearen's Child. Rep Mist.

**Monday 16 July**

Miss Hogarth. Visit.  
Mrs. Barker. Visit.

Administered Valerianate of oxide of ethyle in King's College Hospital on Tuesday last to a young woman affected with Epilepsy, a patient of Dr. Todd. About 10 minims was put into the small inhaler and inhaled for a few minutes, and then a little more put in till 40 minims was inhaled in all. No unconsciousness, or any other appreciable effect, was produced.

Mr. Penry's Children. Rep Mist.  
Mrs. Allen, Percy St. Mist Creta Opii &c ʒvi. Mist Soda Carb ʒvi Pulv Acid Tart iv.

**Wednesday 18 July**

Mrs. Dearen's Child. Mist Conii ʒiii.  
Mrs. Allen. Mist Ammon Arom ʒvi.  
Mrs. Barker. Visit.

**Thursday 19 July**

Mrs. Allen. Haust Rhei.  
Mr. Park. Mist Anod ʒiss.

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Mrs. Smith. Delivery (Mas). Footling Del. In labour 7 hours, feet presenting low in vagina, pains pretty strong but not of the usual character. Toes were towards the sacrum. In a short time the legs and half the trunk of the child were expelled at one pain. The child was turned with its abdomen towards the {130} right side of the mother, or even a little inclining towards her abdomen. It kicked about violently. In the succeeding pains, which at first were feeble, I tried to turn the child back again so as to bring it with its face towards the sacrum, but without success and, in the meantime, the child gave some convulsive struggles as if it was suffering from not being able to establish respiration, although the funis was apparently free and could easily be drawn a little further down, and the head was not yet engaged in the pelvis. The pulsation in it also became slower. All at once, a few minutes after the legs and lower part of the trunk had been born, the rest of the child – arms, shoulders and head – were all expelled at one pain, the child turning in the same direction as before, becoming first with the abdomen towards that of the mother, then towards her left side (or downwards in the position in wh. she lay) and finally as the head engaged the face was towards the sacrum. When the child was born no pulsation could be felt in the funis, or even the heart, although it had been felt about a minute before, and it showed no signs of life. This probably resulted from separation of the placenta. After

endeavouring to blow a little air into the lungs which, however, went chiefly into the stomach, a little pulsation was felt in the region of the heart and – on applying the ear – it was found to be pulsating regularly but slowly. The sounds of the heart could be heard for an hour and a quarter after the child was born, but no pulsation was ever felt in the funis, and no other sign of life was exhibited. Air was blown gently by the mouth into the child's mouth almost constantly, the nostrils being closed and the larynx pushed gently backwards, but the lungs were not expanded, the air passing chiefly into the stomach from which it could be pressed back again. This kind of artificial respiration had some effect, however, on the circulation or heart for when discontinued the heart's action became slower and less audible. The child was occasionally placed for a short time in warm water. A gum elastic catheter was at last procured and passed into the larynx, by wh. the lungs were distended - but the heart's action had already ceased.

{131} On Monday last a man inhaled Chloroform from the balloon in St. George's Hospital. 80 minims were put in, being 4 cubic inches in each 100 C.I. He breathed steadily and gently and in a minute or two became unconscious. In a little time longer the eyes turned up, and the conjunctivae became nearly insensible. The inhalation was now left off. When he had been inhaling 3 or 4 minutes it was attempted to open the mouth, but as this was not easily effected he inhaled a little more. It required a little force to get open the mouth, and the tooth was extracted without sign of pain. In two or three minutes the patient had recovered his consciousness. Not quite two-thirds of the contents of the balloon was inhaled, so that he got about 50 minims altogether. Had it not been for the interruption in the inhalation, about 40 minims would probably have sufficed. He was a slender man, about 35, weighing probably 9 stones.

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On Wednesday last a boy, nine years old, inhaled Dutch Liquid in St. George's Hospital from the large balloon to have two first incisor teeth drawn. 80 minims were put into the balloon and the boy inhaled for about two minutes before losing his consciousness. He then began to resist the further inhalation, but with a little trouble was got to inhale about two minutes longer. He was not narcotised further than the second degree. Voluntary motion was never abolished but the sensitivity of the conjunctiva was diminished. As the teeth were removed he said that does not hurt. He was afterwards unable to sit without support, and was laid on the bed. In two minutes he was questioned and did not know that his teeth had been removed. He staggered when he got up from the bed, and it was 5 to 10 minutes before the effect of the vapour had so far gone off that he could walk away. Two thirds of the contents of the balloon were inhaled, & consequently about 50 minims of Dutch L. (Allowing for the contents of the face-piece, say, 40 minims.)

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**Friday 20 July, 1849**

Mrs. Barker. Visit.

**Saturday 21 July**

Mrs. Allen. Mist Quinae.

Mrs. Snelling. Mist Magnae c T<sup>r</sup> Card.

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***Sunday 22 July***

Miss Wallace. Mist Magnes Ipecac et T<sup>r</sup> Rhei Co.  
Royal Oak Benefit Society. Examining Wm. Cousin (19th.).

Administered Chloroform yesterday in King's College Hospital to Evan Priest, a boy aged 9½ years, whilst Mr. Fergusson removed the head of the thigh-bone. Inhaled first in the ward previously to his removal to the operating theatre. No sign of pain. No sickness or sequelae.

Administered Chloroform also yesterday to Capt. Bedford, at 18 Grove Place, Brompton whilst Mr. Fergusson opened some sinuses in the perineum connected with stricture of the urethra. He had been troubled with these sinuses for three years, and is much reduced, and very nervous, and also troubled with diarrhoea and spits a little blood. Objected to the pungency at first; afterwards became insensible without struggling or rigidity. Snored loudly during the operation once or twice. No sickness or sequelae.

***Tuesday 24 July***

Mrs. Snelling. Mist Quinae.  
Miss Wallace. Mist Anod 3 iss.

***Wednesday 25 July***

133 Administered Chloroform to a man named Webb in Falconbry Court { 133 } aged about 45 and labouring under Cholera which came on with Diarrhoea on Sunday. He was now (10 p.m.) vomiting and retching constantly, complaining of severe cramps and of pain in the scrobiculus cordis. His motions, which had been frequent during the day, were nearly as thin and colourless as water, and devoid of faecal odour. Pulse, &c. see below. 40 minims of Chloroform were put into the small inhaler and he began to inhale with the valve partly open, but it was gradually closed. When he had inhaled a short time and had apparently lost his consciousness he started violently; the inhalation was continued and he became quiet, breathing naturally. The inhaler was removed when the chloroform was finished. The state of unconsciousness merged into a natural sleep and in three or four minutes after the inhalation was left off he snored loudly. About a quarter of an hour afterwards he opened his eyes and, on being questioned, said that he was easier. He immediately fell asleep again, and slept till about two hours after the inhalation. He had but two motions in the night, and in the morning was better.

The pulse was frequent and hard, but rather small. It was rendered a little fuller by the inhalation. There was great general depression before the inhalation, the features being sunk and the voice somewhat reduced, tho' not reduced to a whisper.

Died, comatose, on 30th. of suppression of urine.

***Friday 27 July***

Mrs. Snelling. Mist Quinae.

**Saturday 28 July**

Administered Chloroform to Mr. Brudinell, 19 Berkeley Sq., aet. 67, ill of cholera which began with diarrhoea on 26th. Dr. Nairne and Dr. Page attending. He was quietly made unconscious by f3i very gradually administered. In about 10 minutes he awoke. The cramps which had been excessive showed a tendency to return, and chloroform was again administered and he slept for about 1/2 an hour. Repeated several times during the day with like effect. Died next morning.

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**Tuesday 31 July, 1849**

Mrs. Barker's Child. Visit.

**Friday 3 August**

Mrs. Bent's Baby. Visit.

Mrs. Penry's Baby. Mist Creta 3iss.

Elder Child. Pulv Hydr c Creta Co gr v Mitte vi Lin Camph Tinct.

**Tuesday 7 Aug.**

Mrs. Barker's Child. Visit.

**Saturday 11 Aug.**

Administered Chloroform in King's College Hospital to Ann Turvey, aet. 31, whilst Mr. Fergusson performed amputation just above the knee. Chloroform given first in the ward. Vomiting just as she recovered her consciousness.

Administered Chloroform to ==, a Captain in the Navy lodging in Maddox St., whilst Mr. Fergusson removed one of the testicles. No sickness.

**Sunday 12 Aug.**

Administered Chloroform to ==, a gentleman about 40 lodging in Maddox St., whilst Mr. Fergusson divided the sphincter ani in consequence of an ulcer situated within the anus. Tendency to stertor while the muscles were still rather rigid. There was a tendency to flinch when not well narcotised and he was kept for a few minutes in the third degree, or bordering on the fourth. At the end of the operation he was rather pale, and the pulse was only 45 and rather small and weak. A minute or two after this he attempted to { 135 } vomit, but apparently had nothing in his stomach. The pulse now gradually recovered its natural state, and the pallor left his face. He partly became conscious and described his sensations as having been very pleasant whilst taking the chloroform, and was much surprised to find that the operation was done.

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**Monday 13 Aug.**

Mr. Barker's Child, Ampthill Sq. Visit.  
Miss Hogarth. Visit.

**Thursday 16 Aug.**

Mrs. Barker's Child. Visit.

**Saturday 18 Aug.**

Mr. Barker's Child. Visit.  
Mrs. Snelling. Mist Quinae ʒvi Pil Anod ii.

**Sunday 19 Aug.**

Mrs. Snelling. Mist Aper Pil Anod ii.  
Mr. Wells' Child. 3, Bulstrode Pl. Visit.

Administered Chloroform yesterday in King's College Hospital to Henry Hain, aet. 42, whilst Mr. Partridge excised the testicle.

Also to Emily Luck, aet. 17, whilst Mr. Fergusson excised a great number of venereal warts from the labia pudendi. No sickness in the first case. The other patient had dined, and vomited whilst being carried upstairs.

Mr. Hill, Greenwich. Advice and prescribing (yesterday).

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**Monday 20 Aug., 1849**

Mr. Wm. Allen, 17 Percy St. Zinci Sulphate gr xxiv Aq ʒvi T<sup>r</sup> Card Co ʒii [th] ʒi nocte maneque.

Miss Matilda Allen. Pulv Sod Sulph xii.

**Tuesday 21 Aug.**

Mrs. Snelling. Rep Mist Quinae.  
Mr. Barker's Child. Visit.  
Mr. Mills' Child. Visit.

**Wednesday 22 Aug.**

Mrs. Snelling. Mist Quinae Pil Anod ii.  
Mr. Dearen. Mist Creta Opii et Catechu.  
Mr. Barker. Visit.

**Saturday 25 Aug.**

Mrs. Snelling. Pil Aper xii.

**Monday 27 Aug.**

Mrs. Allen's Baby, Sussex St. Visit.

**Wednesday 29 Aug.**

Mrs. Root, 8 Cecil Court. Delivery (Fem).

Mrs. Roberts, 23 Cecil Court. Delivery (Mas). ʒiʒs of Dutch Liquid was given, by ʒss at a time, by means of the small inhaler during the last 20 minutes or half hour of the labour. It was only given during the pains which it relieved considerably without annulling. Unconsciousness was not induced. Placenta expelled naturally, and no complications of any kind. Patient recovered favourably.

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**Thursday 30 Aug.**

Mrs. Allen's Baby. Visit.

Mrs. Ripley. Visit and Prescribing.

Mrs. Johnson, 3 Little Newport St. Pil Anod Mist Acid Hydrocy ʒvi.

**Friday 31 Aug.**

Mrs. Johnson. Rep Mist.

**Saturday 1 September**

Mrs. Johnson. Rep Mist c T<sup>r</sup> Opii ꝑ xv.

Mrs. Root's Baby. Mist Creta c Catechu ʒi.

Administered Chloroform in King's College Hospital to James Phillips, aet. 53, a man in robust health whilst Mr. Fergusson dissected out a cancerous tumour from the under side of the lower jaw. Some rigidity, and the conjunctiva remained sensible after stertorous breathing set in. There was a tendency to flinch and cry out except when he was so narcotised that the breathing was almost stertorous. No sickness or other sequelae.

Also to Geo. Collins, aet. 12, whilst Mr. Fergusson performed resection of the elbow joint. Perfect insensibility, with narcotism in the 3rd. and 2nd. degrees. No sickness.

**Sunday 2 Sept.**

Mrs. Johnson. Mist Sp<sup>t</sup> ammoniae.

Administered Chloroform to a young man, aet. 19 (12 Arlington St., Camden Town) whilst Mr. Coulson performed lithotomy. No sickness, &c. Recovered favourably.

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**Monday 3 Sept., 1849**

Mrs. Root's Baby. Rep Mist c T<sup>r</sup> Opii m ii.

Mrs. Hillier. Visit.

Mrs. Allen, Sussex St. Visit.

Mr. Wm. Allen, Percy St. Rep Mist.

**Tuesday 4 Sept.**

Mrs. Hillier. Visit.

Mrs. Allen. Visit.

Mrs. Johnson. Mist Quinae.

Administered Chloroform to a patient of Mr. French in the Workhouse, Poland St., in labour with her first child.

The shoulder was presenting, the membranes ruptured and the os uteri nearly dilated. The pains not very strong. She was rendered quite insensible, the pupils being turned upwards and the conjunctiva insensible. Mr. French turned with the greatest ease on account of the great relaxation of the uterus and vagina and the total absence of pain. The uterus contracted properly afterwards and expelled the placenta into the vagina from which it was removed in a few minutes. Recovered her consciousness easily and completely without excitement, and said that she had felt nothing. Discharge of blood very moderate. Child dead before operation – Mr. F. finding no pulsation in the cord when he first reached it.

Mr. Rowles. New Compton St. Visit.

**Wednesday 5 Sept.**

Mr. Rowles. Visit.

Mrs. Hillier. Visit.

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**Thursday 6 Sept.**

Mr. Rowles. Visit.

Mrs. Hillier. Visit.

Mr. Smith's Child, 5 Margaret St. Visit & Yesterday.

Mr. Anderson's Child, 5 Margaret St. Visit & Yesterday.

**Friday 7 Sept.**

Mr. Rowles. Visit.

Mr. Smith's Child. Visit.

Mr. Anderson's Child. Visit.

**Saturday 8 Sept.**

Mr. Rowles. Visit.  
Mr. Anderson's Child. Visit.

**Sunday 9 Sept.**

Mr. Rowles. Visit.

**Monday 10 Sept.**

Mr. Anderson's Child. Visit.

**Tuesday 11 Sept.**

Mr. Rowles. Visit.

**Wednesday 12 Sept.**

Mr. Rowles. Visit.  
Mr. Anderson's Child. Visit.  
Mrs. Jolly. Delivery (Mas).

**Friday 14 Sept.**

Mr. Rowles. Visit.  
{ 140 } Mrs. Hehir's Baby, Cecil Court. Visit.  
Mr. Dearen. Lin Camph, &c. (Yesterday.)

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**Saturday 15 Sept., 1849**

Mrs. Hehir's Baby. Visit.  
Mr. Dearen. Rep Lin.  
Mr. Penry. Visit Thursday and Friday.

Administered Chloroform about a fortnight ago to Mrs. Bignall Knight, a married woman about 30, a patient of Mr. Marshall, in a state bordering on delirium tremens caused by drinking. She was rational, but complained of seeing figures of people in the room, and of hearing anything that was said repeated several times. The chloroform caused excitement, and the patient took the spectres she saw for realities and became violent. Being compelled to inhale, however, she was made quite insensible. She wandered as the insensibility went off, and afterwards was the same as before. The chloroform was inhaled again with the same results, and a few minutes afterwards she was as restless as before and, indeed, just in the same condition. Opium was given in larger doses than she had previously taken, and she got some sleep and afterwards recovered.

**Monday 17 Sept.**

Mr. H. C. Hillier. Visit.  
Mrs. Usher's Child. Visit.

141 Administered Chloroform to a gentleman in Cannon St. whilst Mr. Coulson tied some very large haemorrhoids. The patient, about {141} 35, was labouring under organic disease of the heart with hypertrophy, and he was greatly frightened. After becoming unconscious he struggled most violently, and in an epileptic manner, but in a little time he was rendered passive and the operation was performed. He recovered his consciousness in a very quiet manner, and was sick afterwards vomiting some wine which he had taken just before the operation.

Administered Chloroform also at Mr. Coulson's to a robust middle-aged man whilst an abscess and sinus by the side of the anus was laid open. Rigidity before being insensible, and unintelligible muttering as the rigidity subsided. No sickness.

Administered Chloroform also to an infant aged two months, with the small apparatus, whilst Mr. Coulson introduced needles under, and applied ligatures around, a naevus on the breast.

Administered Chloroform also today to Mrs. Stevens, Clarendon Sq., Mr. B. Cooper intending to operate again, but he found that the disease was so extensive – and implicating both vagina and rectum – that he did not operate.

**Tuesday 18 Sept.**

Mr. Dearen. Rep Lin.

**Wednesday 19 Sept.**

Mrs. Usher's Baby. Visit.

**Thursday 20 Sept.**

Mrs. Usher's Baby. Visit.

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**Friday 21 Sept., 1849**

Mrs. Usher's Baby. Two visits.

**Saturday 22 Sept.**

Mrs. Usher's Baby. Two visits.  
Mr. Allen, 5 Aldenham Terrace. Visit.  
Miss Gertrude Wallace, 37 Torrington Sq., Visit.

Administered Chloroform on Tuesday last to a lady in Montpelier Square whilst Dr. Miller operated for fistula in ano. No sickness or sequelae.

*Case Books*

Administered Chloroform also the same day to Mrs. Cox, Gt. Earl St., 7 Dials, a patient of the Gerrard St. Dispensary, whilst Mr. Ure amputated a scirrhus mamma. Mr. Wade and Mr. Smith were present. The patient was of middle age and very fat. She became violently excited and resisted the inhalation so much that it was almost impossible to make her insensible. But after leaving off for two or three minutes, and getting her to commence again, the excitement was less and she was made quite insensible. After the operation she vomited a copious dinner, apparently unaltered by digestion, although she had taken it four hours previously.

On Thursday evening last administered Chloroform to a lady in Eastbourne Terrace whilst Mr. Baker Brown tapped an ovarian cyst and removed a {143} great deal of serum and also a quantity of pus. Dr. Sibson and Mr. Nurse were present.

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***Sunday 23 Sept.***

Miss Gertrude Wallace. Two visits.  
Mrs. Usher's Baby. Two Visits.  
Mr. Allen. Visit.

***Monday 24 Sept.***

Miss Gertrude Wallace. Visit.  
Mr. Allen. Visit.  
Mrs. Usher's Baby. Two Visits.

***Tuesday 25 Sept.***

Mrs. Usher's Child. Visit.  
Mr. Hill, Greenwich. Advice.  
Mr. Allen, Aldenham Terrace. Visit.

***Wednesday 26 Sept.***

Mrs. Usher's Child. Visit.  
Miss Wallace. Visit & Yesterday.  
Mr. Dearen. Rep Liniment.

***Thursday 27 Sept.***

Miss Wallace. Visit.  
Mr. Allen. Visit.

***Friday 28 Sept.***

Mr. Bent. Visit.  
Mr. Allen. Visit.  
{144} Mrs. Hogarth. Visit today, yesterday, and two on 26th.

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***Saturday 29 September, 1849***

Mrs. Hogarth. Visit.  
Mr. Bent. Visit.  
Miss Gertrude Wallace. Visit.

***Sunday 30 Sept.***

Mr. Bent. Visit.  
Mrs. Hogarth. Visit.  
Mr. Barker's Child, Ampthill Sq. Visit today, 28th & 26th.

***Monday 1 October***

Mr. Allen. Visit.

***Tuesday 2 October***

Mrs. Hogarth. Visit.

***Wednesday 3 October***

Mr. Allen. Visit.

***Thursday 4 Oct.***

Administered Chloroform to a patient of Mr. Baker Brown whilst he removed the fluid of an ovarian cyst, and a small portion of the cyst itself. No sickness, &c.

***Friday 5 October***

Mr. Allen. Visit.  
Mrs. Rowles, 4 New Compton St. Delivery (Mas) yesterday.  
Mr. Dearen. Rep Liniment.  
Mrs. Johnson. Visit today, 3rd and 4th.  
145 {145} Mrs. Hogarth. Visit.

***Saturday 6 October***

Mrs. Johnson. Visit.

***Sunday 7 October***

Mr. Allen. Visit.  
Miss Gray, 37 Baker St., Lloyd Square. Visit.  
Mrs. Hogarth. Two Visits.

**Monday 8 Oct.**

Mrs. Hogarth. Two visits.  
Miss Gray. Visit.

**Tuesday 9 Oct.**

Miss Gray. Visit.  
Mrs. Hogarth. Two Visits.

Administered Chloroform on Saturday last in King's College Hospital whilst Mr. Fergusson performed Chopart's amputation of the foot in a young man about 20. No sickness, &c.

Also on Monday Oct 1st. to Lord Essex whilst Mr. Fergusson divided the mental branch of the fifth nerve again. No sickness, &c.

Also on Tuesday Sept. 25 to a child in the Harrow Road whilst Mr. Baker Brown removed a large encysted tumour from the groin.

**Wednesday 10 Oct.**

Administered Chloroform to Mrs. Norman, lodging in Holles St., whilst Mr. Fergusson removed a tumour of the upper jaw. No pain. Involuntary stool towards the end of the operation at a time when the patient was faint from loss of blood, and but little under the influence of the chloroform.

{ 146 } Mr. Allen. Visit.  
Miss Gray. Visit.  
Mrs. Hogarth. Visit.

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**Thursday 11 Oct., 1849**

Miss Gray. Visit.  
Mrs. Hogarth. Visit.

**Friday 12 Oct.**

Miss Gray. Visit.

**Saturday 13 Oct.**

Mrs. Hogarth. Visit.

Administered Chloroform in King's College Hospital whilst Mr. Fergusson dissected out a tumour from the angle of the jaw which lay in close proximity with the carotid artery.

Also whilst Mr. Partridge performed amputation above the knee in a boy.

Also to a little girl, about 6 years old, whilst Mr. Fergusson removed some warts from the labia pudendi.

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**Sunday 14 Oct., 1849**

Miss Gray. Visit.

**Monday 15 Oct.**

Mrs. Dearen's Child. Pulv Aper ii T<sup>r</sup> Opii ℥ vi Vini Ipec ʒii Aqua ʒiiss Sp<sup>ls</sup> Ether Nit ʒii Sp<sup>ls</sup> Lavandulae Co ℥ xx [th] ʒii ter quatuor die.

**Tuesday 16 Oct.**

Miss Gray. Visit.

Administered Chloroform to Mr. Oxenford, Camberwell, after Mr. Coulson had injected the sac of a hydrocele. The chloroform was administered when the smarting and pain began just as the injection was about to be withdrawn.

Also to a baby in the City whilst Mr. C. passed needles under a naevus on the cheek and tied ligatures round it.

**Thursday 18 Oct.**

Administered Chloroform to Mr. Gandell, 5 Oakley St., Chelsea, whilst Mr. Coulson divided the frenum preputio. Vomiting. No continued sickness.

**Friday 19 Oct.**

Miss Gray. Visit.

Administered Chloroform on Wednesday last to a young woman (a widow, about 30 or 35, with one child) at the Dispensary, Gerrard St., whilst Mr. Fergusson removed a tumour of the parotid gland. Vomiting of blood before the end of the operation.

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**Sunday 21 October, 1849**

Administered Chloroform to the Earl of Essex, at Cassiobury Park, whilst Mr. Fergusson divided again the infra-orbital branch of the fifth nerve which was divided a year ago. No sickness, &c.

Administered Chloroform this morning to Mr. Gandell whilst Mr. Coulson applied solution of Nitrate of Silver to interior of the prepuce. Sick afterwards.

**Friday 26 Oct.**

Administered Chloroform to a lady, about 35, whilst Mr. Tatum removed a small fibrous tumour from the mamma. Mr. Blagdon was present. Vomiting, but sickness did not continue.

**Saturday 27 Oct.**

Mr. Bent. Visit.

Administered Chloroform in King's College Hospital whilst Mr. Fergusson dissected a cancerous ulcer of the skin from the back of the hand in an elderly man.

Also to a little boy whilst he operated on some sinuses near the rectum which constituted an artificial anus. Sickness.

Also to a man whilst Mr. Fergusson opened some sinuses at the elbow and removed some diseased bone.

Also to a stout middle-aged man whilst Mr. Partridge dissected out a large malignant tumour from the front of the thigh.

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**Sunday 28 Oct.**

Mrs. Bent. Visit.

**Monday 29 Oct.**

Mrs. Bent. Visit.

Mrs. Johnson. Visit.

**Tuesday 30 Oct.**

Mrs. Bent. Visit.

Mrs. Johnson. Two visits.

Administered Chloroform to a boy of 13, the son of Sir Henry Watson, 7 Portland Place, whilst Mr. Hawkins divided the sphincter ani and laid open a small fistula. Mr. Chilver was present. No sickness, &c.

Mr. Barker's Child, Amptill Sq. Visit on 26th., 29th. & 31st.

**Wednesday 31 Oct.**

Administered Chloroform at the Westminster General Dispensary to a woman, about 35, whilst Mr. Wade removed a scirrhus tumour of the breast; a little sickness.

Administered Chloroform to a middle-aged spinster lady in Chester St. whilst Mr. Sampson removed a tumour of the mamma. Mr. W. Pettigrew was present. No sickness. Recovered favourably.

**Friday Nov. 2**

Administered Chloroform to a child, girl, 8 years old, daughter of Major Laughton, whilst Mr. Fergusson operated for hare-lip. Mr. Martin was present. No sequelae.

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**Sunday Nov. 4, 1849**

Administered Chloroform to an elderly man near Goswell St. Road whilst Mr. Coulson performed lithotomy. No sequelae. Recovered.

Administered Chloroform also to a lady (married & about 35) whilst Mr. Childs removed a tumour of the breast. Mr. Coulson was present. No sequelae. Recovered.

**Wednesday Nov. 7**

Administered Chloroform to a gentleman, about 50 from Ireland, whilst Mr. Fergusson divided the extensor tendons of the toes. No sequelae.

**Saturday Nov. 10**

Administered Chloroform at King's College Hospital to a boy, about 9 years of age, whilst Mr. Fergusson operated for phymosis, having to dissect the prepuce from the glans penis. This boy could not be prevented from flinching without rendering the breathing rather stertorous. The stertor began before the sensibility of the conjunctiva was removed, and he shrank a little on the knife being used even though he was breathing stertorously. No sickness.

Administered Chloroform also to a stout (very fat) elderly man whilst Mr. Fergusson scraped the ends of an un-united fracture of the femur. No sickness.

**Tuesday Nov. 13**

Mr. Allen, Percy St. Prescribing Mist Rhei Ammon Carb et Aq Menth.

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**Friday Nov. 16**

Administered Chloroform to Mr. James Smith, Solicitor, Maidenhead, whilst Mr. Fergusson performed lithotomy removing a mulberry calculus of an unusually nodulated character. No sickness, &c., except a very little vomiting whilst insensible. Recovered.

Mrs. [Duh]. Delivery (Fem) D.C. Arm presentation. Half past 9 in the evening. Mr. Marshall had been in attendance 2 or 3 hours and the membranes had been ruptured since just after he arrived. The pains were not very strong. On making an examination the elbow was found to be the presenting part. The os uteri was almost fully dilated, and quite dilatable. Chloroform was administered till she was rendered insensible. There was one "pain" during the inhalation before the sensibility of the conjunctivae was diminished. When the insensibility was about equal to that required for an operation I proceeded to introduce the hand and turn the child. In this there was no difficulty and the patient was perfectly passive, and no uterine contractions were excited. Mr. Marshall gave a little chloroform during the operation. A single leg only was drawn down and in a few minutes some slight uterine contractions came on which assisted in the delivery of the breech. The funis was not examined for its pulsation whilst the hand was in the uterus, and when it

came down its arteries were found to be pulsating very feebly, a little more chloroform having been given on account of the patient's crying out when the breech was expelled. This seemed to prevent any further pains for a time and there was a delay of a few minutes before the child { 152 } was removed, as it was not easy to extract it in the total absence of all uterine contractions. When born the arteries of the funis pulsated just perceptibly close to the abdomen, and the heart could be heard to beat slowly on applying the ear, but the child made no efforts to breathe and no voluntary or respiratory motion of any kind had been observed in it at any time either during the turning or afterwards. Sprinkling cold water on it had no effect, nor had dipping it in warm water, but the pulsation of the heart continued. Artificial respiration was performed by introducing the female catheter within the glottis and blowing gently through it, alternately pressing the chest. The heart continued to beat feebly and slowly, and at one time the pulsations improved a little both in force and frequency, but the child made no attempt to breathe. The catheter did not pass well into the larynx, and it was found that Mr. Marshall could inflate the lungs better by closing the nostrils and blowing through the mouth than I had been doing with the catheter. He persevered in this way for some time – I holding the larynx gently back, and pressing out the air from the chest after each insufflation. Soon after he began the pulsation of the heart and of the arteries of the cord became very strong, the latter extending to the ligature, but the child showed no other signs of life whatever and the pulsation again diminished (although the body was kept in a warm bath) and finally ceased about half an hour after the birth. The placenta was expelled while these attentions to the child were going on. Mother recovered very favourably.

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**Saturday 17 November, 1849**

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Administered Chloroform in King's College Hospital to a woman, between 30 and 40, whilst Mr. Fergusson laid open some sinuses of the breast connected, probably, with diseased bone. The patient breathed so little that the valve could scarcely be seen to move. In 3 or 4 minutes however the conjunctiva appeared nearly to have lost its sensibility and the patient began to snore a little. The operation commenced with exploring the sinuses with the probe. There was no sign of feeling and the inhalation was left off, but when the knife began to be used she attempted to raise her hand and began to cry out as if in pain. The inhalation was resumed but the water bath was very cold and but little effect was produced until the incisions were nearly finished. A minute or two after the inhalation was finally left off, and after the plasters had been applied to the wound, she began to scream again, much louder than she had done during the operation, so that the cries were probably the result of hysteria. She said afterwards that she thought she felt a little once or twice, but nothing to speak of.

Administered Chloroform to a French Officer who had served lately in Hungary whilst Mr. Fergusson performed partial amputation of the foot on account of gangrene resulting from injury and exposure.

Also to an elderly man whilst Mr. Fergusson removed a calculus by excision from the urethra at the neck of the bladder.

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**Wednesday 21 Nov., 1849**

Miss Hogarth. Visit.

**Thursday 22 Nov.**

Miss Hogarth. Two visits.

**Friday 23 Nov.**

Administered Chloroform to a very stout man, weighing it is said 18 stones, a farmer from the west of England, whilst Mr. Fergusson performed lithotomy removing a flattened calculus 1½ inches in its longer diameter. No sickness, &c. A patient of Mr. Wade, who was present. Recovered.

Miss Hogarth. Two visits.

155 Durr's daughter, aged ==, was taken ill with a mild attack of scarlet fever on Tuesday Oct. 30. The rash appeared on Thursday Nov. 1st. and on Tuesday Nov. 6th. she was convalescent but directed to be kept in the room. On Thursday Nov. 15 I was sent for. She had been vomiting since the previous day rather frequently. No pyrexia. 3ss doses of Epsom Salts with peppermint water somewhat relieved the vomiting. The following day the flanks were pressed and found to be tender. Urine reported to be scanty and seldom passed. 2 leeches ordered to each lumbar region. 18th. Such bites bled for 36 hours and produced some exhaustion. Not much sickness. Urine only with a motion and not saved. 21st. urine examined for the first time. Slightly albuminous. Sp.gr. 1.010, pale, and not quite clear before tests are applied. Occasional sickness and sleeps more than in health. Scarcely any tenderness. Acet. Potas. &c. Slight oedema of the face {155} can be now clearly recognised for the first time. 24 patient much the same and urine the same except that it is cloudy from its containing some blood. 27th. about the same, not so much vomiting the last two days. 29 rather better, urine clearer, Sp.gr. 1.013.

**Saturday 24 Nov.**

Miss Hogarth. Visit.

Administered Chloroform in King's College Hospital to a middle-aged woman whilst Mr. Fergusson removed a tumour of the left superior maxillary bone which proved to be malignant. The whole bone including the floor of the orbit and the ascending process of the bone was removed, and also the malar bone. The insensibility was kept up during the operation by means of a sponge. There was a good deal of blood lost, but no syncope. Died on Tuesday following.

**Sunday 25 Nov.**

Administered Chloroform to Miss Fisher, at Westcott, whilst Mr. Jolly cut down on the saphena major nerve at the inner edge of the cicatrix of the stump of the thigh, and removed a portion of the extremity of the nerve – a branch of which removed portion seemed to be entangled in the cicatrix. A little sickness afterwards, but not more than she has been subject to. Dec 2. going on well, and so far is free – since the last operation – from the pain which had troubled her since the amputation in July 1848.

Miss Hogarth. Visit.

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**Monday 26 Nov., 1849**

Administered Chloroform to Mrs. Christian whilst Mr. Crampton, 22 Grosvenor St., removed five teeth. No sequelae except that she vomited a little blood that she had swallowed during the operation, just after it was over.

Miss Hogarth. Visit.

John Hogarth. Advice and Prescribing.

**Tuesday 27 Nov.**

Administered Chloroform again to Mr. Cockburn, lodging at 20 Regent St., whilst Mr. Fergusson divided the extensor tendons of the toes of the foot. No sickness.

**Wednesday 28 Nov.**

Miss Hogarth. Visit.

John H. Advice & yesterday.

**Saturday Dec. 1, 1849**

Royal Oak Benefit Society. Examining John Kirby (yesterday). Has been under Dr. Pitman at St. George's Hospital as an out-patient for Dyspepsia. Is somewhat emaciated, and pulse accelerated. Says he is getting better and is to resume his employment. Breath sound in expiration slightly increased in expiration. No cough.

Administered Chloroform at King's College Hospital to a man whose right eyeball Mr. Fergusson extirpated for malignant disease following injury. No sequelae.

Also to an elderly man whilst Mr. Fergusson opened the urethra in the perineum for stricture of many years standing, so bad as to prevent the introduction of any instrument into the bladder, and { 157 } complicated with sinuses. No sequelae.

Also to a woman whilst Mr. Partridge removed a tumour of the breast. A little vomiting towards the end of the operation.

Also to a child, about four years of age, whilst Mr. Partridge amputated the middle or else the fourth toe. No sequelae.

John Hogarth. Advice.

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**Monday Dec. 3**

John Hogarth. Advice.

**Tuesday Dec. 4**

Administered Chloroform at 24 Titchborne St., Edgware Road, to a young woman, aet. about 26, who was operated on on Oct 4th. On the present occasion Mr. B. Brown made an incision about six inches in length beginning just below the umbilicus and carrying it downwards towards the pubes. The tissues were carefully cut as far as the peritoneum when a large trocar was introduced and more than a pail full of pretty clear serum drawn off. The peritoneum was then divided and a tumour was then brought into view, about the size of the foetal head at full term, occupying the lower part of the abdomen. It appeared very vascular, and some large convoluted vessels enveloped in a loose fold of peritoneum entered the upper part of it. The tumour was quite free (all but this attachment by vessels and loose peritoneum) except at the lower part where it was attached to the fundus of the uterus by an attachment the whole width of the fundus (about 1<sup>1</sup>/<sub>2</sub> inches). There seemed at this point to be a continuity of structure between the tumour and the uterus. There was no ovarian { 158 } cyst except a very little one in the left ovary, and the fluid withdrawn had been contained in the peritoneum. The small portion of the membrane removed, also on the former occasion, must have been peritoneum. The tumour probably involved the right ovary from the fact of the vessels entering it from above. Whilst the tumour was being manually examined a vein gave way on its anterior surface which bled freely. Some ligatures of fine silk were passed with a needle round this so as to stop the bleeding. It was decided to leave the tumour, and the wound in the abdomen was sewn up. Dr. Sibson, Mr. Nunn, and others were present. The patient was kept insensible 3/4 of an hour. Subsequent sickness – food recently taken. 7th. going on favourably.

**Friday 7 Dec., 1849**

Miss Wallace. Visit.

Mrs. Barker, Hampstead Road. Visit.

Administered Chloroform to a middle-aged lady named Nelson, 25, Gloucester Place, New Road, whilst Mr. B. Brown tied some haemorrhoids. Vomiting of food recently taken.

**Saturday 8 Dec.**

Miss Wallace. Visit.

Mrs. Barker. Visit.

Mrs. Irving. Advice and Prescribing.

**Sunday 9 Dec.**

Miss Wallace. Visit.

159 { 159 } Mrs. Barker. Visit.

**Monday 10 Dec.**

Mrs. Barker. Visit (11th.).

Administered Chloroform to a lady at Dr. Smethurst's, Harlington Square, whilst Mr. Fergusson removed some haemorrhoids. Great hysterical excitement in 2nd. degree as soon as consciousness was lost & previous to insensibility.

**Tuesday 11 Dec.**

Miss Wallace. Visit.

Administered Chloroform to Mr. Coates, Surgeon from Salisbury, whilst Mr. Stanley removed a small tumour situated apparently over the parotid gland. It proved to be a cyst which was situated internal to the facial nerve and its primary divisions. The dissecting out of the cyst was consequently very difficult and occupied above an hour. Several times during the operation there were twitches (contractions) of the muscles of the face (sometimes the angle of the mouth being drawn, and at other times the eyelids) on the branches of the facial nerve being touched. During a great part of the operation, however, the conjunctiva was sensible to touch although there were no signs of pain. Whether winking would have been produced by touching the conjunctiva, just at those moments when contractions were excited by the interference with the facial nerve, it did not occur to me to ascertain, but I believe it would. There was vomiting during the operation of tea, &c. which the patient had taken { 160 } just before. He was troubled a little with sickness for some hours afterwards. About a fluid ounce of chl<sup>m</sup>. was used. 13 going on favourably.

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Mrs. Anderson, Margaret St. Delivery (Fem).

Administered Chloroform to a gentleman in Dean St., Soho, whilst Mr. Stanley dissected out a tumour situated over the outside of the shoulder, just below the joint.

**Wednesday 12 Dec., 1849**

Mrs. Everett. Delivery (Fem).

**Thursday 13 Dec.**

Mrs. Barker. Visit.

Mrs. Irving. Advice.

Mr. Manhood. Visit at Chelsea, in consultation with Dr. Angus.

**Saturday 15 Dec.**

Administered Chloroform in King's College Hospital to a man, aged 40, whilst Mr. Fergusson removed a tumour weighing 17<sup>1</sup>/<sub>2</sub> oz. from the side of the face (over the ramus of the jaw). After the operation began a sponge was used for giving the chloroform. (No sickness.)

Also to a woman, aged 27, whilst Mr. Partridge removed the { 161 } mamma together with some fibrous tumours situated in it. A little retching during latter part of operation.

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**Sunday 16 Dec.**

Mrs. Irving. Visit.  
Mr. and Mrs. Manhood. Visit.

**Monday 17 Dec.**

Mr. and Mrs. Manhood. Visit.  
Mrs. Johnson. Visit 16th., 17th., 18th., 19th.

**Wednesday 19 Dec.**

Mr. and Mrs. Manhood. Two visits each.  
Mrs. Irving. Visit.  
Mr. Hogarth. Visit to Clerk.

Administered Chloroform about a fortnight ago to a patient of Mr. Marshall's in Berwick St. in labour with her second child. The arm was presenting in front of the head, the membranes had been some time ruptured, and the os uteri was dilated more than half its full extent. The pains were not very strong. The patient was made insensible, being narcotised to the third degree, and Mr. Marshall – having raised the arm above the head which was presenting naturally, and finding that it did not incline to come down again, did not turn but left the labour to pursue its course, and no more chloroform was given. She was delivered about 2 P.M. The funis was round the child's neck, and it was in a state of partial asphyxia when born, but revived.

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**Thursday 20 Dec., 1849**

Mr. Manhood. Two visits.  
Mrs. Manhood. Visit.

**Friday 21 Dec.**

Mr. Manhood. Visit.

**Saturday 22 Dec.**

Administered Chloroform in King's College Hospital to a child, about two years old, whilst Mr. Fergusson performed circumcision on account of congenital phymosis which obstructed the orifice of the urethra. No sickness, &c.

Also to a middle-aged woman from Wales whilst he removed a scirrhus mamma. Sickness. Died.

Administered Chloroform to an old gentleman, aged 69, at 43 Lisle St. whilst Mr. Fergusson operated on a strangulated hernia. It was returned without opening the sac. Died 24th.

Mr. Barker's Child. Visit.

**Friday 28 Dec.**

Mr. Barker's Child. Visit.

**Monday 31 Dec.**

Mr. Barker's Child. Visit.

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**Wednesday 2 January, 1850**

Administered Chloroform to Mrs. Beaumont, 1 Chesterfield Street, Argyle Square whilst Mr. Coulson performed a paracentesis abdominis again. Began to laugh just before being unconscious, and then cried & sobbed hysterically for a moment just as she became unconscious. The trocar was then introduced without causing any sign of sensation, and a minute or two afterwards she recovered her consciousness.

**Thursday 3 Jan.**

Mr. Barker's Child. Visit.

Mrs. Root's Baby. Visit.

Being at Hampton Court Palace with Mr. Travers to give chloroform to Capt. Hobhouse who could not be prevailed on to take it, exhibited it to his sister-in-law Mrs. Davidson, widow of the late Mr. D. and daughter of the late Lord Graves, who was suffering at the time from dysmenorrhoea. It removed the pain without causing complete unconsciousness. It was repeated in this way two or three times in the course of a quarter of an hour. She felt her hysterical feelings somewhat worse as the effect of the chloroform was going off, and within an hour afterwards had a fit of hysterical unconsciousness, to which she is subject, but it did not last so long as occasionally it did. Miss Graves, another sister of Mrs. Hobhouse, inhaled the chloroform and became quite unconscious for amusement.

**Friday 4 Jan.**

Mrs. Root's Baby. Visit.

{164} Administered Chloroform at Mr. Danbury's, 12 Manchester Square, to Major Haines whilst Mr. Fergusson cut down into a deep, chronic abscess at the upper and inner part of the thigh situated in the course of a grape shot wound that he received at Ferrososhah. Mr. Caesar Hawkins was present. It was expected that a piece of cloth or some other foreign body would be found in the abscess, but such was not the case. Some portions of condensed cellular tissue and badly organised lymph was removed. Left him still sleeping on the sofa.

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Mrs. Bent. Visit on January 5th.

***Sunday 6 January, 1850***

Miss Bent. Visit.  
Mr. Barker's Child. Visit & syringing ears.  
Mrs. Root's Baby. Visit.

***Monday 7 January***

Miss Bent. Visit.

Administered Ether to Miss Julius, daughter of Dr. Julius and sister of Mr. Julius, at her father's at Richmond whilst Mr. Johnson removed a small encysted tumour situated in front of the sternum. It was given by means of the chloroform inhaler. She inhaled readily without coughing or complaining and became unconscious apparently in about a minute, but owing to the water bath cooling rapidly there was a little delay in rendering her insensible. There was a little hysterical moaning, and in a little time the eyes became turned up. The breathing also became deep and rapid at one time, and at the end of about four minutes there was some rigidity. On this passing off she apparently relapsed into the 2nd. degree again for the conjunctiva remained somewhat sensible, and there was some muttering. The operation was, however, begun at the end of 5 or 6 minutes. There was a [this entry for Miss Julius is continued by Snow after entry for Wednesday 16 January, 1850 below.]

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***Tuesday 8 January, 1850***

Miss Bent. Visit.  
Mrs. Root's Baby. Visit.

***Wednesday 9 Jan.***

Miss Bent. Visit.

***Saturday 12 January***

Administered Chloroform to a man aged 76 in the Metropolitan Free Hospital whilst Mr. Gay removed a large tumour of the malar bone. There was some rigidity when the patient was at first becoming insensible, and the pulse was at this time small. During the operation, which lasted half an hour, the insensibility was kept up by giving chloroform on a sponge. No sickness.

Administered Chloroform on the 10th. Inst. to a gentleman from Chislehurst, lodging in Chapel St., Grosvenor Place, whilst Mr. Lane performed an amputation above the elbow for malignant disease of the forearm. No sickness.

Mr. Irving's Housekeeper. Visit.

**Sunday 13 January**

Mr. Irving's Housekeeper. Visit.

**Monday 14 January**

Mr. Irving's Housekeeper. Visit.

**Wednesday 16 January**

Mr. Irving's Housekeeper. Visit.

{ 166 } Miss Julius' case continued:

little flinching and moving at the first incision, but no active resistance, and in a little time, the ether being continued, she became more insensible and snored. She vomited before recovering her consciousness, which was not till 10 or 15 minutes after the operation had been completed. She sobbed and expressed her thankfulness in a rather hysterical manner as she was recovering. No sickness appeared to remain.

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**Monday 21 January, 1850**

Mrs. Root's Baby. Visit.

Administered Chloroform to the Earl of Essex whilst Mr. Fergusson divided some twigs of the fifth nerve in the roof of the mouth, and also the mental branch again, introducing his knife this time in the mouth between the lips and the gum. The patient became insensible pretty much as on former occasions. After becoming unconscious he attempted to rise up on the sofa, and he then made a moaning noise until the rigidity began to relax and the conjunctiva to lose its sensibility. The insensibility passed quickly off, as on former occasions, and the chloroform was once or twice repeated before the operation was completed – there being, however, no return of consciousness till some minutes after the conclusion of the op'n. In this interval there was some coughing, and blood was spat out but whether any of it came out of the larynx, or it was part of what was hanging in a coagulated state out the interior of the mouth one could not tell.

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**Tuesday 22 January, 1850**

Mrs. Root's Baby. Visit.

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**Thursday 24 Jan.**

Administered Chloroform to a young gentleman, aged 13, son of a Mr. Nicholson in lodgings at Charing Cross, whilst Mr. Isaacs, Jnr. with the assistance and superintendence of his father removed a small exostosis from the end of the great toe just under the nail. The patient became insensible in a minute or two after the valves were closed. The pupils became turned upwards and the conjunctiva nearly insensible, and the breathing became of a rather sobbing character yet on the second incision he snatched away his foot. He did not, however, cry or show any signs of suffering in his features. He did not remember

*John Snow*

anything of the operation, but dreamed that he had been sailing in the Mediterranean – a pursuit for wh. he has a fancy. He vomited a copious dinner that he had eaten just before the operation.

***Saturday 26 January***

Administered Chloroform at King's College Hospital to a countryman of 50 or upwards whilst Mr. Partridge performed circumcision for congenital phymosis complicated by warty growths on the inner side of the prepuce, which growths were found not to implicate the glans or the penis would have been amputated. Although the patient seemed pretty robust, he became quietly insensible without rigidity. No sickness.

- 168 {168} Also to a man about 40 whilst Mr. Partridge performed amputation of the forearm on account of mischief following a gunshot wound of the hand. He had been a hard drinker but became insensible in the usual time, with a very little preliminary excitement (a movement of the legs as if he thought that he was dancing) and no rigidity. No sickness.

***Monday 28 January***

Administered Chloroform to Major or Capt. Brownrigg, 19 Chesham Place, Belgrave Square, whilst Mr. Caesar Hawkins removed a scirrhus tumour of the right breast. The patient is 64 years of age, tall and very fat. He inhaled readily and soon became insensible. He laughed just after he became unconscious, but there was no further excitement and no rigidity. The insensibility (he breathed rather deeply) was induced in from a minute to a minute and a half after the valves were closed. The face-piece was then removed as the breathing was rather imperfect and chiefly diaphragmatic for a few inspirations. After this he snored rather loudly. The operation was begun just as he began to snore and there was a slight flinch during the second elliptic incision. He was kept insensible for 10 or 15 minutes for the tying of several minute vessels, yet not more than f3ii of chloroform was used. Returned to consciousness without rambling. No sickness or uncomfortable feeling.

***Tuesday 29 January***

- 169 Administered Chloroform at Lord Stanley's, 40 Dover St., to Mrs. Deane, {169} Lord Stanley's Daughter, a lady, mother of 12 children, whilst Mr. Caesar Hawkins removed a tumour of the right mamma and also an enlarged gland at a little distance from the tumour near the axilla. The patient is thin and weak. There was one effort of vomiting before the return of consciousness, a part of some luncheon which had been taken being brought up. She complained of feeling faint at the time I left, but the pulse was pretty good.

***Friday 1 February***

Administered Chloroform at Mr. Hyde's, Montpelier Square, to a lady, apparently about 45, whilst Mr. Lane removed a scirrhus tumour situated near the left mamma, and also some similar tumour of the lymphatic glands in the axilla. The operation lasted about  $\frac{3}{4}$  of an hour. Some sickness the rest of the day. 4th. going on well.

**Saturday 2 Feb.**

Administered Chloroform to Mr. Smith, 225 Maida Vale, a gentleman between 60 and 70 whilst Mr. Brown removed some folds of skin around the anus and applied ligatures to a haemorrhoid. No sickness or sequelae.

Administered Chloroform at King's College Hospital to a young man whilst Mr. Fergusson performed amputation of the finger. No sickness.

Also to an elderly man whilst he performed the operation of lithotomy. No sequelae.

{170} Administered Chloroform to a gentleman about 50 at Battersea whilst Mr. B. Brown divided some sinuses and a stricture in the perineum. Mr. Hancock was present. A little vomiting before he recovered his consciousness, but no subsequent sickness.

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Administered Chloroform to Mr. Cannon, a gentleman about 50, at 23 Lloyd Square, whilst Mr. Coulson tried to divide a stricture in the urethra with the stilled catheter and to get a catheter into the bladder in which he did not succeed on account of false passages. No sickness. Potassa fusa was used 2 days afterwards.

**Monday 4 Feb., 1850**

Administered Chloroform to a gentleman at Brompton Crescent whilst Mr. Lane divided a stricture in the anterior part of the perineum and pared the edges of a false passage. Vomited a little whilst still conscious. Mr. Lane performed some additions to the operation after the patient had been sick, and several minutes after the chloroform had been left off – yet he did not show any signs of suffering or remember it afterwards.

Mr. Peter Gray. Visit to Mr. Cooper's, Earl St., Blackfriars. A young man aged 24, tall and well-formed had always enjoyed robust health until his present illness. He had a slight cough previously to Saturday Jan'y 26 (9 days ago) when he was seized with a pain in the right side which caught his breath. He was very ill for 2 or 3 days, but had no medical advice. {171} Afterwards he was a little better and ate heartily, but was worse again the last day or two, and when seen by Mr. Else last evening was very feverish. Having taken an aperient and some saline medicine with digitalis his skin today is cool. P. 120. T. white & slightly furred. Slight cough occasionally, and trifling mucous expectoration. A deep inspiration causes cough and slight pain in right side. The whole of the right side of the chest is dull on percussion except a small part under the sternal half of the clavicle extending as far as the 2nd. rib, and a portion of the surface and interscapular spaces behind, and no respiratory murmurs can be heard except in these spots and then only feebly, whilst all over the left side of the thorax the breathing is pleurile and the sound on percussion very clear. The right side of the chest moves both in ordinary and deep inspiration, but not as much as the left. Absence of vocal fremitus on right side. There is no falling in of the ribs on inspiration, deep or otherwise. Lies on back, inclining to right – cannot sleep on left. 2 sides seem =. Urine high coloured and rather scanty. Cal gr i Digital gr i 6<sup>ta</sup> q. q. hora Sod Pot Tart 3iii Vini Ant Tart 3iii Sp<sup>ts</sup> Junip 3iii T<sup>r</sup> Hyos 3i Aqua 3v [th] 3i 6<sup>ta</sup> q. q. hora. A large blister.

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**Wednesday**

Mr. David Cooper. Visit & yesterday. Feels a little better, less pain – scarcely any indeed on a deep breath. P. 104. T. white. Urine as before. To go on.

Administered Chloroform to a gentleman at St. John's Wood whilst Mr. Fergusson operated for fistula in ano. No sickness.

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**Thursday 7 Feb., 1850**

Administered Chloroform to Miss Brodie, a lady about 70, in Somerset St., Portman Sq., whilst Mr. Fergusson removed a portion of the median nerve at the wrist to remove the pain of a tumour in the palm of the hand. Mr. Squib was present. Vomiting of luncheon.

Mr. Gray. Visit to Mr. Cooper. The respiration can be heard feebly below the scapula and to a little distance (2 or 3 inches) outwards from the spine on the right. P. 104.

**Friday 8 Feb.**

Mr. Cooper. Visit.

**Saturday**

Administered Chloroform in King's College Hospital to a male child, aged 2½ years, whilst Mr. Fergusson performed lithotomy, removing a very small calculus.

173 Also to a young man who previously underwent Chopart's amputation at the foot, and afterwards had the tendo Achillis divided, and was hysterical after the chloroform. On this occasion the os calcis and, I think, the astragalus were removed by Mr. Fergusson on account of the stump not being a convenient one. The patient had scarcely inhaled as much as would usually make a person insensible when he suddenly began to strike out with his fists as hard as he could. He was quickly secured and became quiet just as the {173} inhalation was removed. He soon became insensible and remained perfectly still during the operation. The breathing during the operation at the time when the pupils were turned upwards and the conjunctivae were insensible was from 60 to 65 in the minute. The pulse at the same time was 80 and not quite regular. He was carried to bed whilst still insensible, and a few minutes later when I went up he was crying hysterically and not yet conscious. Recovered his consciousness in a short time.

Administered Chloroform to a lady about 50, Mother-in-Law to Dr. Barnes, whilst Mr. Lane removed a malignant tumour of the left breast together with some glands which had become affected. Vomited some lunch whilst insensible.

Mr. Cooper. Visit. Chest remains the same. A little more cough. Hyd Chlor gr vi Op gr ii in Pil vi-i 6<sup>ta</sup> q. q. hora. Liq Am Ac ʒ iss Vini Ant ʒiii Tinct Digit ℥ xLv Sp<sup>t</sup> Lav ʒss Aq ʒv-ʒi 6<sup>ta</sup> q. q. hora.

**Sunday**

Mr. Cooper. Visit. A little pain in the right supra-scapular space. P 120.

**Monday 11 Feb.**

Mr. Cooper. Visit. Has had a restless night from pain in the right suprascapular space – a constant burning pain. To be cupped at that part to 6 oz. Effusion appears greater, the right side of the thorax being the larger, and the dullness in front extending to the clavicle. In the right suprascapular space there is an expiratory murmur equal in length to the inspiratory.

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**Tuesday 12 Feb., 1850**

Mr. Cooper. Visits. Pains removed by cupping. Had a better night, but feels a little pain now about the acromion process.

Mrs. Arliss. Visits & yesterday.

**Wednesday 13 Feb.**

Mr. Cooper. Two Visits. Met Mr. Theophilus Thompson today. The dullness now extends quite to the top of the chest. The heart beats further to the left than natural. The right side of the thorax is 20 inches, the left 19, in semi-circumference. The scrob. cordis is further than natural on account, no doubt, of the depression of the liver. The intercostal spaces are more prominent on the right side, i.e. the depressions are filled up. The absence of fremitus and murmur as before, there only being a slight, and as it were, distant murmur at the upper and inner parts of the right side of chest. Respiration more embarrassed than hitherto, 28 in the minute. P. 120 and small. No appetite whatever, and complains of great debility. Gums slightly tender from cal. taken regularly to this time.

In the evening paracentesis was performed by Mr. H. Smith, Dr. Thompson and Mr. Marshall being present. A grooved needle was first introduced just above the === rib and about midway between the spine and sternum. Serum appeared, and the needle was withdrawn and my instrument for tapping the chest pushed in. The trocar being withdrawn to the proper distance the tap was turned and the trocar then being withdrawn altogether. Nothing flowed out till the tap was opened which was done without attaching the pump at the request of Dr. Thompson. The liquid {175} gushed out in a full stream with considerable force, and the patient said very shortly that he felt his breathing relieved. The liquid was clear serum. When about two pints had flowed the flow halted during inspiration and flowed only during expiration, and now the pump was attached but probably the cannula (which was only 1<sup>1</sup>/<sub>4</sub> inch long) was slightly withdrawn during the manoeuvre, for no liquid flowed through the pump or yet after it was detached. The cannula was consequently withdrawn; it was not obstructed and probably it had escaped out of the pleura whilst the pump was being attached. The quantity of liquid was found on measuring it to be 2 pints and a quarter (45 ounces). The patient felt much relieved. The right side of the chest seemed now reduced to the size of the other; it moved better in inspiration, though not yet as well as the other side. The respiration could be heard under

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the right clavicle for a little distance, but the sound on percussion was as dull as before or nearly so.

Miss Arliss. Visit.

**Thursday 14 Feb.**

Mr. Cooper. Visit. Has had a very good night, was able to sleep on his back. Appetite returned. Countenance and complexion improved. P. 108. T. continues coated. Urine rather scanty, deep coloured, no albumin. Physical signs nearly the same as when I first saw him, the tapping having apparently only removed the quantity which had been added within the last 3 or 4 days distending the pleura beyond its natural bounds.

176 {176} Mrs. Arliss. Visit.

Administered Chloroform to Mrs. Wilks, 3 Harley Place, New Road, whilst Mr. Harrison extracted 8 teeth. Mr. Lucas, the usual attendant of the patient, was present. The patient is weak and delicate, and subject of late to profuse uterine discharge (the catamenia being about to finally cease) and is subject to syncope. She had been directed to have no food in her stomach. She became insensible gradually and quietly. The chloroform was repeated once before all the teeth were removed. She vomited a little blood and some part of breakfast, taken many hours previously, before she had quite recovered her consciousness. She then cried hysterically for a short time, but was soon quite conscious and not feeling sick. 15. Little sickness, but some unpleasant feelings in the head. Well satisfied that she inhaled.

Administered Chloroform to Mrs. Baker, a married lady under the middle age, whilst Mr. Pettigrew removed a fatty tumour 2 or 3 ounces in weight situated over the crest of the left ilium. Vomiting of dinner or luncheon taken an hour or two before.

**Friday 15 Feb., 1850**

Mr. Cooper. Visits. Much as yesterday. Since Wednesday takes the pills of cal. only night and morning, and commenced yesterday to take Decoct Chimaphilae ʒvss Pot Acet gr xv Sp<sup>t</sup> Junip ʒss 4<sup>ta</sup> q. q. hora.

Mrs. Arliss. Two Visits.

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**Saturday 16 Feb.**

Mr. Cooper. Visit. Pleura seems rather filled the last two days, complete dullness existing over every part of the right side of the thorax as far as the middle of the sternum, the most faint respiratory murmur only being heard just under the sternal end of the clavicle, and close to the spine on a level with the scapula. Great fullness at the epigastrium. Urine scanty. Has been afraid to drink. Directed to drink as much as he likes of watery fluids. Other symptoms as before.

Mrs. Arliss. Visit.

*Case Books*

Administered Chloroform at King's College Hospital to a woman under the middle age whilst Mr. Bowman removed a tumour of the breast taking away the gland. No sickness.

Administered Chloroform also to a man about the middle age whilst Mr. Fergusson made a new nose out of the skin of the forehead. There was slight rigidity and excitement for a minute as he was getting insensible, but no return of either in the least degree. He was kept insensible during the operation by means of a sponge for about half an hour, i.e. to the end. There was a considerable flow of blood soon after the operation began. At the conclusion of the operation he vomited 6 or 8 oz. of blood which he had swallowed.

Also to an Irishwoman, about 40, whilst Mr. Fergusson removed the middle and ring fingers together with a great portion of their metacarpal bones on account of three tumours (enchondroma) attached, as it was found, to only one of these metacarpal bones. No sickness.

Also to a man under middle age whilst Mr. Partridge divided a stricture through the perineum – a long operation. No sickness.

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*Sunday 17 Feb., 1850*

Mr. Cooper. Visit. It had been intended to tap the chest again today or tomorrow if there was no amendment, but this morning there was a pretty good respiratory murmur under the clavicle down to the second rib and half way across the right side of the thorax; still dull however in this position. Behind there was a pretty good respiratory murmur between the scap. and the spine and also below the scapula as far outwards as in a line with its inferior angle. The dullness beneath the scapula was diminished. P. 96 before his rising from bed. Feels pretty well. Urine more copious, deepish coloured, sp. gr. 1.015.

*Monday 18 Feb.*

Mr. Cooper. Visit. Feels pretty well. P. 96 T. cleaner. The right side of the chest is dull, however, everywhere and the respiratory murmur just under the clavicle and in the interscapular space is but faint, and no murmur can be heard below the level of the scapula.

Mrs. Arliss. Visit.

*Tuesday 19 Feb.*

Mr. Cooper. 2 Visits. Much as yesterday. P. 104. Was tapped again by Mr. Smith, the trocar having been altered, the cannula being made longer and instead of the pump a tube of oiled silk was attached by a screw on removal of the trocar from the cannula. The tap being opened the liquid began to flow, and covered the lower end of the {179} tube which hung down into the basin. A pint and a half of serum was discharged after which no more would flow, evidently on account of the lung being unable to expand, for a considerable quantity of liquid remained as the chest remained dull on percussion. The respiration immediately after the tapping could be heard behind as far out as the inferior angle of the

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scapula when the arms were folded. There was, however, but little improvement to the respiratory murmur in front. The right side of the chest, however, moved better. Serum sp. gr. 1.017, became gelatinous on boiling.

Mrs. Arliss. Visit.

Mr. Cooper. Visit. Had a very good night. Began to pass a considerable quantity of urine soon after the tapping, and has passed between 6 last evening and 12 today about 3 pints – clear, but not further examined. P. 80 T. almost clean. The fullness at the epigastrium which had existed hitherto had almost gone since the tapping. Chest, which measured yesterday before the operation about an inch more on the right side, still preserves nearly the same relation. It moves a little better, however, but much less than the left. Dull all over the right. No respiratory murmur to be heard except just under the sternal end of the clavicle and in the interscapular space, and then but faintly.

Mrs. Arliss. Visit.

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**Thursday 21 Feb., 1850**

Mr. Cooper. Visits. Continues to feel better. P. 84. Has passed about four pints of water the last 24 hours, clear, sp. gr. 1.010. Physical signs as before. 22 Has gone into St. George's Hospital. In bed there 3 hours after his arrival was feeling pretty well. P. 72.

25. Effusion has somewhat diminished. Is taking squill and bluepill with salines.

March 5. The effusion has still further diminished. There is now a comparatively clear sound on percussion in the right sub-clavicular space over the sternal two-thirds of the front part three first ribs, and the respiratory murmur is pretty good here though not, any more than the resonance, equal to that of the opposite side. In the right interscapular space the respiratory murmur is much improved being now very distinct. He can lie on the left side. P. rather frequent, about 100.

**March 13** [sic]

[Five blank lines.]

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Administered Chloroform to Mrs. Ellice, a middle-aged married lady, at 13 Montague Sq. whilst Mr. Travers removed one haemorrhoid with the scissors and tied two others. Chloroform was given at intervals for the next 2½ hours to relieve the pain of which she complained very much. ½ grain of {181} Acet. Morphia taken in a draught an hour after the operation had no appreciable effect in alleviating the pain. ¼ gr. more was given when the chloroform was finally left off. f3x of chloroform was used altogether. Stomach was empty and there was no vomiting.

**Friday 22 Feb.**

Mrs. Arliss. Visit.

Administered chloroform to a young (adult) gentleman in Pimlico whilst Mr. Fergusson performed excision of the left elbow joint. No excitement, rigidity, sickness or other sequelae. Died.

**Sat. Feb. 23**

Chlor. King's Col. Hosp.

Elderly woman. Cancer of the lower lip.

Girl? Division of tendo Achillis.

Boy, about 14, to further close up artificial anus. Operated on 2 or 3 times before. Vomiting of food recently taken in this last case.

**Monday 25 Feb.**

Mrs. Arliss. Visit.

**Wednesday 27 Feb.**

Mrs. Arliss. Visit.

**Friday 1 March**

Mrs. Barker, Amphill Square. Visit.

**Monday 4 March**

Mrs. Johnson, Leicester St. Delivery. Mas.

Mrs. Arliss. Visit.

**Thursday 7 March**

Administered Chloroform to Mrs. Dickens, 29 Tibberton Square, whilst Mr. Baker Brown removed a large multilocular ovarian cyst from which 24 pints of liquid were first evacuated. It consisted of four cysts united together, two of which contained serous { 182 } fluid of slightly different colour; one reddish brown fluid (serum tinged with blood) and the fourth and smallest cyst purulent fluid. An incision of about 8 inches in length was first made exposing the tumour. Two of the cysts were opened and the contents were evacuated. The incision was then extended both above and below till it extended from the pubes to about midway between the umbilicus and the sternum, and was 12 or 14 inches in length. Mr. Brown then introduced his hand and removed the tumour, having to break down only some very slender adhesions at one spot on the right side. The contents of the remaining cysts were evacuated and needles passed through the membranous pedicle, which was connected with the left iliac fossa and the fundus of the uterus, and ligatures passed round it in 3 or 4 positions at a time when it was removed. The patient, after the

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*John Snow*

tumour was drawn out, appeared to breathe entirely by the ribs and care was taken not to push the narcotism too far. The diaphragm remained, apparently, relaxed; at least there was no evidence for its acting for I could not see it. The operation lasted about an hour: scarcely any blood lost. After her removal into bed and before consciousness returned she appeared somewhat faint but, some brandy being given, the pulse improved. There was a little sickness 2 or 3 hours afterwards which was relieved by swallowing bits of ice. Died of peritonitis early on the 4th. day.

***Friday 8 March, 1850***

Administered Chloroform to a child, a boy aged 6 years, in lodgings at 13 Cecil St. whilst Mr. Fergusson operated on a hare-lip.

***Saturday 9 March***

Mrs. Hill. Advice. Prescribing Mist c Ac. Hydrocyan et Soda Carb.

Administered Chloroform to an elderly man whilst Mr. Fergusson performed the operation of lithotomy removing 8 or 10 small calculi having for their nuclei fragments resulting from a stone which had some time ago been crushed in two sittings. The breathing became very loudly stertorous {183} although the limbs were still rigid, and the narcotism not being increased the limbs remained rigid during the operation. No sickness, &c. Died of peritonitis on the following Monday evening or Tuesday morning.

(Administered Chloroform also today to a girl about 9 whilst Mr. Fergusson operated on the cicatrix from a burn which bound the arm to the side of the chest. Inclination to be sick but no vomiting.)

***Monday 11 March***

Administered Chloroform to a gentleman at 12 George St., Hanover Square, whilst Mr. Fergusson divided the urethra in the perineum for spasmodic stricture of several years standing in a gentleman apparently about 40. In the absence of spasm full sized catheters could be introduced. The rigidity of the body and the limbs continued in this case almost throughout the operation although the breathing was slightly stertorous, the pupil turned up and the conjunctiva insensible. He was a spare muscular man of florid complexion and well coloured lips. No sickness or sequelae. Dr. Miller present.

***Tuesday 12 March***

Administered Chloroform to Mr. Meyer, Wax chandler, at his factory, Walworth, whilst Mr. Fergusson reduced a dislocation of the humerus which had existed for five weeks. The patient is a short fat man, about 60. Insensible without excitement or rigidity. Lay relaxed and snoring during the short time of the operation. Pullies were used.