

"The different mercurial preparations have given in this regard results as follows:—Of 449 under Hahnemann's soluble mercury, 112 had secondary (24 per cent.); 95 in 466 treated by calomel (20 per cent.); 25 in 66 of those put on protiodide of mercury (37 per cent.); 6 in 19 by *la cure de Dzondi* (31 per cent.); 18 in 149 by the administration of sulphate of magnesia (12 per cent.); 4 in 20 under iodide of potassium (20 per cent.); 55 in 344 treated solely by external means (16 per cent.?).

"It is to be inferred, then, from this statistical synopsis that mercury, far from doing good in primary syphilis, has been positively baneful. The time of treatment under its agency has been shown to be longer, and the influx of secondary symptoms by no means prevented, checked or modified." (*Amer. Med. Times.*)

CHLOROFORM AND COMA. M. Flourens has lately been experimenting with a view to determine the distinction between the coma produced in an animal by a meningitis, and the sleep produced in an animal by means of chloroform; and at a late meeting of the Académie des Sciences, he communicated a paper giving the results of his experiments. He remarked that in the comatose state from meningitis, the animal was under the influence of complete prostration, but did not sleep; that it kept its eyes shut, yet would open them on the slightest occasion; that it was able to see, hear, and feel, and was moreover constantly shivering; whereas an animal under the influence of chloroform really slept; it snored, and did not open its eyes; it could neither see, hear, nor feel. The brain of an animal which has died of coma is covered with red spots, denoting congestion; the brain of the animal that dies from the effect of chloroform presents no such red spots, the vessels of the dura mater alone being gorged with blood. Hence, in the case of coma, the congestion is intracerebral; in death from chloroform, the congestion is extracerebral. This should, therefore, M. Flourens remarks, serve as a caution to those who may administer chloroform, since there is but a step from extracerebral to intracerebral congestion.

TREATMENT OF CHAPS AND CHILBLAINS. *The Bulletin Médicale du Nord de la France* registers the following formula, which M. Testelin has found useful in cases of chilblains uncomplicated by ulceration:—Tincture of iodine, 5ij; chlorinated solution of soda, 3vj. This liniment should be laid over the seat of the disease, and afterwards dried by exposure to the fire. M. Testelin states that the remedy effects a cure in three or four days. For the treatment of chapped hands the same practitioner has frequently resorted to the application of honey heated in an oven, and deprived of its viscosity by the removal of the froth formed under the influence of heat. It should be applied over the hands whenever they are washed, and spread with gentle friction. The author asserts that he has thus succeeded in curing chaps, and in preventing their return, in servant maids whose hands are frequently exposed to the contact of water, and who usually suffered from this inconvenient affection throughout the winter. He prescribed the same remedy with entire success in Brussels to a clear-starcher, although this person did not for a single day discontinue her employment.

INFLUENCE OF OZONISED AIR UPON ANIMALS. Dr. Ireland gives the following conclusions:—1. Ozonised air accelerates the respiration, and, we may infer, the circulation. 2. Ozonised air excites the nervous system. 3. Ozonised air promotes the coagulability of the blood, probably by increasing its fibrine. In the blood, however, ozone loses its peculiar properties, probably entering into combination with some of the constituents of the circulating fluid. 4. Animals can be subjected to

the influence of a considerable proportion of ozone in the air for hours without permanent injury; but in the end ozone produces effects which may continue after its withdrawal, and destroy life. (*Edinburgh Medical Journal.*)

CINCHONINE AS A SUBSTITUTE FOR QUININE. Dr. W. F. Daniell says that, so far as his experience extends with reference to the employment of cinchonine in the treatment of febrile and other miasmatic diseases of Western Africa, it has proved a decided failure, owing to the headache which has uniformly attended its administration. When he was in medical charge of the troops in Sierra Leone, a large quantity of cinchonine was furnished to the hospital with the view of testing its remedial properties, and also of ascertaining whether it would answer as an economical substitute for quinine. It was, therefore, given to both European and negro patients, who were suffering under the milder forms of remittent and intermittent fevers, and free from any local congestions, in the ordinary doses in which the sulphate of quinine was used. The results of the trial were, however, of such an unsatisfactory character, from the pain and cerebral congestion induced, that the medicine had to be discontinued. It was subsequently combined with calomel and morphia, but without any sensible diminution of the cerebral disturbance. When conjoined with the latter, delirium sometimes set in, which was only relieved by the application of blisters to the neck. (*Phar. Journal.*)

Association Intelligence.

BRITISH MEDICAL ASSOCIATION: ANNUAL MEETING.

THE Thirty-first Annual Meeting of the British Medical Association will be holden at Bristol, on Wednesday, Thursday, and Friday, the 5th, 6th, and 7th days of August.

PHILIP H. WILLIAMS, M.D., *Gen. Sec.*

Worcester, April 21st, 1863.

BRANCH MEETINGS TO BE HELD.

NAME OF BRANCH.	PLACE OF MEETING.	DATE.
BATH AND BRISTOL. [Annual.]	Philosophical Institution, Bristol.	Thursday, June 18, 4.30 P.M.
LANCASH. & CHESHIRE. [Annual.]	Medical Institution, Liverpool.	Wednesday, June 24th, 12 noon.
SOUTH-EASTERN. [Annual.]	Bull Inn, Rochester.	Wednesday, June 24.
MIDLAND. [Annual.]	Board Room of the Infirmary, Derby.	Thursday, June 25th, 2 P.M.
EAST ANGLIAN. [Annual.]	Yarmouth.	Friday, June 26th, 3 P.M.
WEST SOMERSET. [Annual.]	The Squirrel Hotel, Wellington.	Wednesday, July 1, 2 P.M.
NORTH WALES. [Annual.]	Royal Hotel, Rhyl.	Tuesday, July 7, 1 P.M.
SOUTH MIDLAND. [Annual.]	Infirmary, Peterborough.	Thursday, July 9th, 1 P.M.

LANCASHIRE AND CHESHIRE BRANCH.

The Twenty-Seventh Annual Meeting of this Branch will take place at the Medical Institution, Liverpool, on Wednesday, June 24th, at 12 o'clock, noon. President-elect, J. R. W. Vose, M.D.

Notices of papers or other communications to be sent to the Honorary Secretary, as early as possible.

A. T. H. WATERS, M.D., *Hon. Sec.*

27, Hope Street, Liverpool, May 27th, 1863.

The present condition of the parts operated on is as follows. The chin can be thrown backwards quite to the normal extent, and the head bent freely from side to side. The linear cicatrix left by the operations describes a regular curve, rendered more open and a little more prominent by extreme extension. All deformity of the mouth is removed, and when viewed in profile from the side opposite to the cicatrix, the neck and chin have a regular and normal curve. On the left side of the neck and front of the breast-bone the cicatrices resulting from the burn and operations are visible, but not prominent or irregular at the surface. The right arm can be extended to a straight line, without any rising of the cicatrix at the elbow. The left arm presents, on the back surface of the wrist, a lozenge shaped patch of skin, rather paler, yellower, and more elevated than that of the surrounding parts. The patch is about three inches long, and an inch and three-quarters wide. The cicatrix enclosing it is linear and small. All the sores are completely healed, the arm being covered with cicatrices except a small portion over the radius. The fingers can be closed upon the palm by the action of the flexor muscles, and the wrist bent well forwards. A little tendency of the third and fourth fingers to spring backwards still exists. The furrows and grooves on the palm and front of the wrist are restored, and the knuckles are normally prominent. The patient can grasp and hold things with great power and facility.

Medical News.

APOTHECARIES' HALL. On May 28th, the following Licentiates were admitted:—

Houseman, Edward Cooke, Clint, Ripley, Yorkshire
Lumley, Bartholomew, Corbridge, Northumberland
Pigg, Thomas, Newcastle-upon-Tyne
Somerville, James Harmer, Bloxwich, Staffordshire

APPOINTMENTS.

EARLE, E. S., Esq., elected Honorary Surgeon to the Western General Dispensary.

*GIBB, George D., M.D., appointed Assistant-Physician to the Westminster Hospital.

HARDWICK, William, M.D., appointed, by Dr. Lankester, Deputy Coroner for Central Middlesex.

*MURRAY, Gustavus, M.D., elected Physician-Accoucheur to the Great Northern Hospital.

ROYAL NAVY.

COATES, Matthew, Esq., Assistant-Surgeon, to Haslar Hospital.

MOORE, Francis H., Esq., Assistant-Surgeon, to the *Victory*, for service with the Royal Marines.

VOLUNTEERS. (A.V.—Artillery Volunteers; R.V.—Rifle Volunteers):—

BROWNE, H., Esq., to be Surgeon 14th Kent A.V.

GIBSON, H., Esq., to be Surgeon 1st East York R.V.

PAYNE, E., Esq., to be Surgeon 2nd Surrey A.V.

To be Honorary Assistant-Surgeons:—

HARDING, G. D., Esq., 14th Kent A.V.

HULME, H., Esq., 1st Lancashire A.V.

LEWELLYN, W. P. J., Esq., 2nd Surrey A.V.

MOULD, G. W., Esq., 20th Cheshire R.V.

DEATHS.

ANGUS, Alexander, Esq., Surgeon, of Frith Street, Soho Square, aged 58, on May 31.

BARNETT, Lyssander H., Esq., Surgeon, at Limehouse, aged 35, on May 30.

BUD, James H., Esq., Surgeon, at Wickham Market, aged 39, on May 29.

BURT, On May 29th, at Edinburgh, aged 84, Louisa, widow of Robert Burt, M.D.

DALRYMPLE, Archibald, Esq., Surgeon, late of Norwich, aged 53, on May 28.

*DUNCAN, William H., M.D., Medical Officer of Health for the Borough of Liverpool, at Elgin, on May 23.

KANE, On May 12th, at Norwood, Catherine, wife of Matthew Kane, M.D., of H.M.'s Mint, Bombay.

MURCHISON, On May 27th, at 79, Wimpole Street, aged 1 year, Amy Caroline, only child of *Charles Murchison, M.D.

*OLIVER, Richard, M.R.C.P., at Bicton, Shrewsbury, aged 63, on May 25.

SILVESTER, On May 18th, at Reading, aged 55, the widow of Charles H. Silvester, Esq., Surgeon.

SKEY, Francis W., Esq., eldest son of *F. C. Skey, Esq., of Grosvenor Street, aged 31, on May 29.

AN APOTHECARIES' BENEVOLENT FUND. A member of the profession has given £1000 to be placed in trust for the founding of an Apothecaries' Benevolent Fund in Dublin.

THALLIUM. The largest ingot yet produced of this new metal, discovered by William Crookes, Esq., has been exhibited at the Royal Institution. Its weight was 5963 grains.

INDUCTION OF PREMATURE LABOUR. Professor Gior-dano tells us that the best method of inducing premature labour is cauterisation of the neck of the womb with lunar caustic. This, he says, excels all other methods.

ANOTHER NEW METAL. M. Osravais, Professor of Geology at Strasbourg, has obtained a hard shining metal, of the colour of gold, but soft as lead, from the mineral waters of Alsace. The metal, not admitting of a high degree of polish, will be useful to employ in the dull or coloured goldsmiths' work so much in fashion for ornament just now. The specimens, submitted to connoisseurs in Paris, have excited the highest admiration. (*Mining Journal*.)

FEES FOR VACCINATION. The fee paid for the operation of vaccination under the Vaccination Act is on the no-cure-no-pay principle. The payment of the fee depends upon the success of the operation. Who is the judge, in case of dispute of the success of the operation, we do not know. We must confess that we do not think the arrangement is very honourable to our profession. If the fee can rightly be made dependent upon success in this case, we really cannot see why it should not be equally so in all other operations.

A WORD WITH THE VEGETARIANS. Now, to see where we really stand, let us range these armies. On one side behold—1. Universal custom. 2. The production of the most beautiful forms and highest class brain. 3. The structure of the human teeth, for cutting, tearing, and crushing—not the latter only. 4. The formation of the human stomach. 5. The presumption that, as fish of all kinds and other lower animals are created flesh devourers—nay, that without flesh they could not live—man also, the highest animal is so created, i.e. natural law. 6. The behests of the Bible, from Abel to Jesus Christ. 7. The New Testament after His departure, and the vision of various flesh meats offered to St. Peter. 8. The almost universal testimony of physicians and doctors, based upon scientific research and analysis. On the other side, the simple assertion of the vegetarians! If they are determined to demolish all these eight witnesses, verily they have their work to do. (*Family Herald*.)

IRON AS A TONIC IN THE VEGETABLE CREATION. A curious discovery is alleged to have just been made regarding the influence of iron on vegetation. On the chalky soils where there is an absence of iron, vegetation has a sere and blanched appearance. This is entirely removed, it is said, by the application of a solution of sulphate of iron. Haricot beans watered with this substance acquired an additional weight of sixty per cent. Mulberries, peaches, pears, vines, and wheat derive advantage from the same treatment. It is expected that the salts of iron will be found as beneficial in farming as in horticulture, but the experiments are as yet very incomplete. In the cultivation of clover, however, wonderful advantages are declared to have been gained. The material is cheap, and the quantity applied is small.

OPERATION DAYS AT THE HOSPITALS.

MONDAY..... Royal Free, 2 P.M.—Metropolitan Free, 2 P.M.—St. Mark's for Fistula and other Diseases of the Rectum, 1.15 P.M.—Samaritan, 2.30 P.M.
 TUESDAY. Guy's, 1½ P.M.—Westminster, 2 P.M.
 WEDNESDAY... St. Mary's, 1 P.M.—Middlesex, 1 P.M.—University College, 2 P.M.
 THURSDAY.... St. George's, 1 P.M.—Central London Ophthalmic, 1 P.M.—London, 1.30 P.M.—Great Northern, 2 P.M.—London Surgical Home, 2 P.M.—Royal Orthopædic, 2 P.M.
 FRIDAY. Westminster Ophthalmic, 1.30 P.M.
 SATURDAY.... St. Thomas's, 1 P.M.—St. Bartholomew's, 1.30 P.M.—King's College, 1.30 P.M.—Charing Cross, 2 P.M.—Lock, Clinical Demonstration and Operations, 1 P.M.

MEETINGS OF SOCIETIES DURING THE NEXT WEEK.

MONDAY. Royal Geographical.
 TUESDAY. Royal Medical and Chirurgical Society. 8 P.M.: Ballot. 8.30 P.M.: Mr. Spencer Wells, "Ovariectomy Twice Performed on the same Patient"; Dr. Robert Lee, "On Induction of Premature Labour"; Mr. Beaumont (of Toronto), "New Iris Forceps"; Dr. Harley, "On the Calabar Bean."—Zoological.
 WEDNESDAY. Microscopical.—North London.
 THURSDAY. Royal.—Antiquarian.
 FRIDAY. Astronomical.—Royal Institution.
 SATURDAY. Royal Botanical.

POPULATION STATISTICS AND METEOROLOGY OF LONDON—MAY 30, 1863.

[From the Registrar-General's Report.]

	Births.	Deaths.
During week.....	{ Boys..1005 Girls.. 992 }	1937 1296
Average of corresponding weeks 1853-62		1770 1189

Barometer:
 Highest (Wed.) 30.108; lowest (Sun.) 29.729; mean, 29.978.
Thermometer:
 Highest in sun—extremes (Fri.) 114.4 degs.; (Wed.) 95 degs.
 In shade—highest (Tu.) 79.7 degs.; lowest (Tu.) 35.9 degs.
 Mean—55.4 degrees; difference from mean of 43 yrs.+0.4 deg.
 Range—during week, 43.8 degrees; mean daily, 27. degrees.
 Mean humidity of air (saturation = 100), 76.
 Mean direction of wind, N.E. & W.—Rain in inches, 0.00.

TO CORRESPONDENTS.

. All letters and communications for the JOURNAL, to be addressed to the EDITOR, 37, Great Queen St., Lincoln's Inn Fields, W.C.

CORRESPONDENTS, who wish notice to be taken of their communications, should authenticate them with their names—of course not necessarily for publication.

MR. LOGIE AND SARRACENIA.—A correspondent writes on this subject:—

"In the letter to the *Times* by Surgeon-Major Logie, we were told by him that Assistant-Surgeon Miles wrote a paper on the Sarracenia Purpurea; that Messrs. Savory and Moore are the only importers of the plant; that he (Mr. Logie) and his colleague Mr. Agnus have used the plant beneficially; and that he (Mr. L.) hopes to hear of it in every country gentleman's medicine chest.

"These statements, together with Mr. Logie's sanguine expectations of the result to be expected from the use of the remedy, probably, have been made from benevolent motives only; nevertheless, as the statements furnish such a very excellent advertisement for a quick and extensive sale of the plant, it might have been more prudent on the part of Mr. Logie to have said that neither he nor any one but Messrs. Savory and Moore had any interest, direct or indirect, in the sale of the pitcher plant.

"I have written to ask Mr. Logie whether or not the subjects of his cases had been previously vaccinated?"

BOOKS RECEIVED.

1. The Nullity of Metaphysics as a Science among the Sciences, London: 1863.
2. The Connection of Tuberculosis and Insanity. By T. Clouston, M.D. 1863.

SUBSCRIPTIONS.

The following Laws of the Association will be strictly enforced:—

15. The subscription to the Association shall be One Guinea annually; and each member on paying his subscription shall be entitled to receive the publications of the Association of the current year. The subscriptions shall date from the 1st of January in each year, and shall be considered as due unless notice of withdrawal be given in writing to the Secretary on or before the 25th of December previous. If any member's subscription remain unpaid twelve months after it shall have become due, the publications of the Society shall be withheld from such member until his arrears be paid.

16. The name of no member shall remain on the books of the Association, whose arrears extend over three years; but the omission of the name from the list of members shall not be deemed, either in honour or equity, to relieve any member from his liability for the subscriptions due for the period during which he has availed himself of the privileges of membership.

PHILIP H. WILLIAMS, M.D., General Secretary.

Worcester, June 1863.

COMMUNICATIONS have been received from:—Dr. HENRY GOODE; Mr. RICHARD OLIVER; Dr. G. M. HUMPHRY; Dr. OGIER WARD; Dr. J. D. BROWN; Mr. THOMAS JONES; Dr. MAYO; THE HON. SECRETARIES OF THE ROYAL MEDICAL AND CHIRURGICAL SOCIETY; Mr. T. SYMPSON; Dr. DAVID NELSON; Mr. RICHARD GRIFFIN; W. A. R.; Mr. A. B. STEELE; Mr. H. EWEN; Mr. W. F. MORGAN; VERITAS; Mr. A. J. MOORE; Mr. STONE; Mr. D. KENT JONES; and Dr. J. W. OGLE.

ADVERTISEMENTS.

South Midland Branch.—The

The next ANNUAL MEETING of this Branch will take place on Thursday, July 9th, at 1 P.M., at the Infirmary, Peterborough.

Gentlemen intending to read Papers or Cases will oblige by forwarding the titles as early as possible to

JOHN M. BRYAN, M.D., Hon. Sec.
 Northampton, June 4th, 1863.

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On Human Entozoa: comprising

the Description, Pathology, and Treatment of the INTES-TINAL, HYDATID, and other Species of WORMS found in MAN. Partly translated, by permission, from M. DAVYNE'S "Traité des Entozoaires." By W. ABBOTTS SMITH, M.D., M.R.C.P. Lond., Senior Assistant-Physician Metropolitan Free Hospital, late Senior Physician City Dispensary, etc.

By the same Author, Second Edition, cloth, post-free, 1s. 6d.

On ENURESIS (Incontinence of Urine) in CHILDREN and in ADULTS; its Nature, Causes, and Treatment. "We can recommend this little book to our readers."—*Med. Circular*.
 London: H. K. LEWIS, 15, Gower Street, North, W.C.

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