

lish a sanitary cordon between Paris and Brest, a severe quarantine of eight days will be imposed at Tunis on all vessels arriving from Brindisi, and of twenty-four hours on those coming from the other Italian ports. The Spanish authorities appear alarmed at the cholera outbreak in Brittany and Italy, and are establishing frontier and harbour quarantines.

## VIENNA.

The Austrian Minister of the Interior has published a notice which says that, considering the near approach of the cholera to the frontiers of Austria-Hungary, he deems it prudent that all doctors and surgeons should enter their names in official registers of the districts where they are residing, in order that the authorities may know how much medical assistance would be available in an emergency. The Minister remarks that this is only a precautionary measure, and that no cases of cholera have broken out in the Empire since the four cases which occurred in Trieste last December.

The sanitary condition of Vienna is at present good. There was an epidemic of small-pox during the winter, and, a few weeks ago, during the temporary scarcity of water, a few cases of typhus fever were reported. But now that the pure Hoch Quelle water is being supplied in abundance again, there is much less danger of cholera in Vienna than in most Continental cities. The municipality, however, is very vigilant, and disinfectants are daily used in large quantities in the cleaning of drains and the watering of streets.

## BERLIN.

As the danger of cholera being imported into Germany has again come within the bounds of possibility, the police authorities are required to enforce the regulations made in 1885, in order to prevent this calamity. Care is also to be taken that the health committees shall set to work in case of need, and direct their attention to the removal of special unsanitary conditions in their several districts.

## ROYAL COLLEGE OF SURGEONS OF IRELAND.

On Wednesday last, April 28th, the Royal College of Surgeons of Ireland was the scene of an interesting ceremony. There has lately been added to the College buildings a splendid hall, devoted to the reception of the large collection of pathological and other casts made by Mr. Butcher, which was to be opened by the Lord Lieutenant. There has also been installed in the entrance-hall a statue of Mr. William Dease, one of the founders of the institution, which His Excellency was to unveil; and, lastly, the College had decided to confer the Honorary Fellowship on Professor Pasteur, Professor Huxley, Sir James Paget, Sir Joseph Lister, Sir T. Spencer Wells, and Professor Marshall. Unfortunately, only one of the recipients, Sir James Paget, could be present, Professors Huxley and Marshall being ill, M. Pasteur too busy warring with hydrophobia, Sir Spencer Wells prevented by a domestic bereavement, and Sir J. Lister on his way to the West Indies to attend a patient.

All the Fellows and Members of the College who could attend mustered, attired in their academic robes, besides many of the dignitaries of Trinity College, of the kindred College of Physicians, and distinguished members of the legal profession. The Lord Lieutenant and the Countess of Aberdeen, with the Prince Edward and Princess of Saxe-Weimar, arrived about half-past three o'clock, and were conducted in procession to Butcher Hall, where the President, Sir C. Cameron, delivered an address, explaining the nature and value of the objects to which it is devoted. They had assembled, he said, to do honour to the illustrious dead, and the illustrious living; to place upon the memorial of a truly great surgeon of the last century, wreaths of cypress and immortelles, and to grace, with a mural crown, the brow of one of the most eminent of surgeons of the present day. Last year, a large-hearted Irishman, many years a member of Parliament (Mr. O'Reilly Dease), undertook to defray the expenses of erecting, at the College, a statue to his grandfather, Mr. Dease, one of the principal founders of the College. Subsequently, Mr. Butcher, an eminent past-president of the College, complied with his (Sir Charles Cameron's) request, that he should present to the College his unrivalled collection of pathological casts. Mr. Dease gave them another proof of the interest he took in the College, by proposing to build, at his sole expense, a place to contain Mr. Butcher's museum. He also presented an admirable portrait of Mr. Butcher, painted by Mr. Chatterton Smith. The College considered in what way the event might be most appropriately celebrated, and they resolved to render it more memorable by offering their Honorary Fellowship to some of the most distinguished surgeons and men of

science. Their names were speedily and unanimously selected, and public opinion had ratified the choice. Sir Charles then spoke, in detail, of the great attainments of the gentlemen on whom the honour was conferred, and, at the conclusion of his address, introduced Sir James Paget, and formally presented him with the diploma of Fellowship, *honoris causâ*.

Sir James Paget returned thanks.

The Vice-President then handed to the Lord Lieutenant the first copy of the history of the College, edited by Sir Charles Cameron; and a vote of thanks to their Excellencies was moved by Mr. Rawdon Macnamara, representative of the College in the General Medical Council, and seconded by Sir George Porter, Surgeon in Ordinary to the Queen. The resolution was adopted. The procession then returned to the Hall, where the Countess of Aberdeen unveiled the statue of Mr. Dease. His Excellency declared the Butcher Museum open, and the ceremonial terminated.

In the evening, Sir Charles Cameron gave a banquet in the College, at which His Excellency the Lord Lieutenant, Prince Edward of Saxe-Weimar, the Duke of Abercorn, the Lord Mayor of Dublin, and nearly 200 other gentlemen, were the guests of the President.

## ASSOCIATION INTELLIGENCE.

The General Secretary of the British Medical Association acknowledges the receipt of two essays for the Middlemore Prize, with the mottoes, "Sorte Suâ Contentus," and "Nichts Neues."

NOTICE OF QUARTERLY MEETINGS FOR 1886.  
ELECTION OF MEMBERS.

ANY qualified medical practitioner, not disqualified by any by-law of the Association, who shall be recommended as eligible by any three members, may be elected a member by the Council or by any recognised Branch Council.

Meetings of the Council will be held on July 14th, and October 20th, 1886. Candidates for election by the Council of the Association must send in their forms of application to the General Secretary, not later than twenty-one days before each meeting, namely, June 24th, and September 30th, 1886.

Candidates seeking election by a Branch Council should apply to the secretary of the Branch. No member can be elected by a Branch Council, unless his name has been inserted in the circular summoning the meeting at which he seeks election.

FRANCIS FOWKE, General Secretary.

## COLLECTIVE INVESTIGATION OF DISEASE.

INQUIRIES are in progress on the subjects of

DIPHTHERIA, ACUTE RHEUMATISM,  
OLD AGE, CANCER OF THE BREAST,  
THE VALUE OF HAMAMELIS.

Memoranda on the above, and forms for recording individual cases, may be had on application.

It is requested that returns on Acute Rheumatism be sent in as early a date as possible, as the printing of the Tables is in progress.

THE ETIOLOGY OF PHTHISIS.—Continuation of inquiry. The Committee will be glad to receive the names of gentlemen willing to engage in joint investigation of any of the following points in relation to the origin of cases of Phthisis;—(a) The influence of residence and occupation; (b) the previous state of the patients' thoracic organs and general health; (c) heredity and communication. Full particulars will be sent on application.

A general inquiry into THE THERAPEUTIC VALUE OF HAMAMELIS has now been issued. A report will be made to the Section of Therapeutics at the annual meeting.

PROGNOSIS IN HEART-VALVE DISEASE, based on an examination of cases in which the lesion has existed for an unusual length of time without producing serious symptoms; THE EXTREME DURATION OF INFECTIOUSNESS IN INFECTIOUS DISEASES. The Committee has proposed these two subjects for future inquiry, and has referred them to the Branches of the Association, in accordance with its regulations, with a view to preliminary discussion during the present year. Arrangements have also been entered into with the Section of Medicine of the Annual Meeting of 1886 to hold a discussion upon "Cases in which Disease of the Heart-Valves has been known to exist for upwards of five years without causing serious symptoms," and with the Section of Public Health to hold a discussion on "The Duration of

**Infectiousness.** The former discussion will be opened by Sir Andrew Clark, Bart., the latter by Dr. Arthur Ransome. The inquiry-papers, to be subsequently issued, will be based upon the information afforded in these Branch and general discussions.

*Application for forms, memoranda, or further information, may be made to any of the Honorary Local Secretaries, or to the Secretary of the Collective Investigation Committee, 161a, Strand, W.C.*

#### BRANCH MEETINGS TO BE HELD.

**SOUTH INDIAN BRANCH.**—Meetings are held in the Medical College, Madras, on the first Friday in the month, at 4.30 P.M. Gentlemen desirous of reading papers or exhibiting specimens are requested to communicate with the Honorary Secretary. —J. MAITLAND, M.B., Honorary Secretary, Madras.

**SOUTH-EASTERN BRANCH: EAST KENT DISTRICT.**—The annual meeting of this district will be held at Canterbury on Thursday, May 20th.—W. J. TYSON, Honorary Secretary.

**SOUTH-EASTERN BRANCH: EAST SUSSEX DISTRICT.**—The next meeting of the above district will be held at Tunbridge Wells on Friday, May 28th. Mr. Abbott will preside. Mr. Gorham will bring before the notice of the meeting Brief Reminiscences of Guy's Hospital in the year 1839, relating to Ovarian Dropsy. Gentlemen wishing to contribute short papers or cases should communicate with the Honorary Secretary, T. JENNER VERRALL, 95, Western Road, Brighton.

**SOUTH-EASTERN BRANCH: EAST SURREY DISTRICT.**—The next meeting of this district will be held at the Greyhound Hotel, Croydon, on Thursday, May 13th, at 4 P.M.; E. Diver, Esq., M.D., of Kenley, in the chair. Dinner, 6 P.M.; charge, 7s., exclusive of wine. The following papers, etc., are promised. Dr. George Harley, F.R.S.: The Crystalline Structure of Gall-Stones, illustrated by specimens and diagrams. Mr. A. Matthey will exhibit some Pathological Specimens. Dr. Oxley: Notes of interesting cases. 1. Abdominal Tumour (myxoma); 2. Apepsia Nervosa. Dr. Rutherford Adams will exhibit a case of Cirroid Aneurysm. Members intending to dine will greatly oblige by communicating their intention to P. T. DUNCAN, M.D., Croydon, Honorary Secretary.

**SOUTHERN BRANCH: SOUTHAMPTON DISTRICT.**—The next meeting of this district will be held on Tuesday, May 4th, 1886, at 8 P.M., at the residence of Mr. Bromley, 1, Portland Terrace, Southampton. Business: Election of Officers; Examination of Accounts. A case of Obstruction of Bowels from large Gall-stones will be brought forward by the Honorary Secretary. This will be a combined meeting of the district with the Southampton Medical Society. Paper: Mr. King Sampson: Acute Inflammatory Diseases.—THEOPH. W. TREND, M.D., Honorary Secretary.

**YORKSHIRE BRANCH.**—The spring meeting will be held on Wednesday, May 5th, at 8 P.M., in the School of Medicine at Leeds, when the following papers will be read. 1. Dr. Myrtle: On Eczema, Psoriasis, Acne, Pruritus. 2. Mr. A. W. Mayo Robson: (a) An Operation for Imperforate Anus, with the question of establishing a new principle in dealing with such cases; (b) Removal of large Uterine Polypus in seventh month of pregnancy. 3. Mr. Jessop will exhibit some Surgical Cases. 4. Dr. Churton: (a) Three cases of Chorea during Pregnancy; (b) A case of Haemorrhagic Pleurisy. 5. Mr. T. Smailes: Four cases of Croupous Pneumonia. 6. Dr. Jacob: (a) The Visceral Lesions of Syphilis (microscopic preparations will be shown in the Library before the meeting); (b) Exhibition of some Ophthalmic Cases. 7. Dr. J. F. Little: Results of a Carnivorous Diet. 8. Dr. Braithwaite: A case of Abdominal Hysterectomy. 9. Mr. Miall: A case of Dislocation of the Shoulder-joint, reduced by Dr. Macleod's Method. The members will dine together at the Great Northern Hotel at 5.30 P.M. Dinner (exclusive of wine), 7s. per head.—ARTHUR JACKSON, Secretary.

#### BATH AND BRISTOL BRANCH: ORDINARY MEETING.

THE fifth ordinary meeting of the session was held at the Grand Pump Room Hotel, Bath, on Thursday evening, April 22nd; E. C. BOARD, M.R.C.S. Eng., President, in the chair.

**New Members.**—Messrs. W. E. Walter, M.R.C.S. Eng., of Marshfield, and Charles Flemming, M.R.C.S. Eng., of Neshford, were elected members of the Association and Branch.

Messrs. Burroughs, Welcome, and Co. gave a demonstration on Digestive Ferments and Dietetics.

**Communications.**—The following communications were made.

1. Mr. Freeman: A Case of Gritti's Amputation at the Knee, and a Case of Radical Cure of Inguinal Hernia by Parker's Method. Observations were made on the two cases by Messrs. Richardson Cross and Scott.

2. Mr. Richardson Cross showed two cases of Evisceration of the Eye, and a case of Ligature of the Carotid Artery for Intra-orbital Haemorrhage. Mr. Mason made some remarks on the cases.

3. Dr. Field read notes of a case of Endocarditis terminating in Meningeal Haemorrhage, which gave rise to some observations by Dr. Goodridge.

4. Mr. G. S. Pollard read notes of a case of Intestinal Obstruction, and showed the specimen. Drs. Shingleton Smith and Goodridge, and Messrs. Scott, Pranker, Fowler, Wathen, and Tuckett, joined in the discussion which followed.

#### PROCEEDINGS OF COUNCIL.

AT a meeting of the Council, held in the Council Room, Exeter Hall, on Wednesday, April 14th, 1886, Present,—

Dr. BALTHAZAR FOSTER, M.P., President of the Council, in the chair,

Dr. W. Withers Moore, President-elect, Brighton

Mr. C. Maenamara, Treasurer, London

Dr. B. Anningson, Cambridge

Dr. H. Barnes, Carlisle

Dr. G. B. Barron, Southport

Dr. M. M. De Bartolomè, Sheffield

Dr. T. Bridgewater, Harrow-on-the-Hill

Dr. A. Carpenter, Croydon

Dr. C. Chadwick, Tunbridge Wells

Surgeon-General Cornish, London

Dr. J. Ward Cousins, Southsea

Dr. G. W. Crowe, Worcester

Dr. A. Davidson, Liverpool

Dr. P. M. Deas, Exeter

Dr. J. L. H. Down, London

Dr. W. A. Elliston, Ipswich

Dr. C. E. Glascott, Manchester

Dr. Bruce Goff, Bothwell

Dr. W. C. Grigg, London

Mr. G. F. Hodgson, Brighton

Dr. C. Holman, Reigate

Professor G. M. Humphry, Cambridge

Mr. A. Jackson, Sheffield

Mr. T. Vincent Jackson, Wolverhampton

Mr. T. R. Jessop, Leeds

Mr. H. R. Ker, Halesowen

Dr. D. J. Leech, Manchester

Dr. W. G. V. Lush, Weymouth

Mr. F. Mason, Bath

Mr. W. Jones-Morris, Portmadoc

Dr. F. Needham, Gloucester

Dr. C. Parsons, Dover

Dr. A. Sheen, Cardiff

Mr. S. W. Sibley, London

Dr. E. M. Skerritt, Clifton

Dr. A. Strange, Shrewsbury

Dr. W. Strange, Worcester

Mr. T. Symson, Lincoln

Mr. J. Taylor, Chester

Dr. T. W. Trend, Southampton

Mr. F. Wallace, London

Dr. E. Waters, Chester

Mr. C. G. Wheelhouse, Leeds

The minutes of the last meeting having been printed and circulated, the President of the Council asked if there was any exception to their being signed as correct, and, none being taken, the minutes were signed.

The President of Council reported the death of Dr. Austin Flint, who had consented to give the Address in Medicine.

Resolved: That this Council has heard with sincere sorrow of the death of Dr. Austin Flint, of New York, and begs to express its sense of the great loss which the medical profession throughout the civilised world has sustained by his untimely death.

Resolved: That Dr. Billings be requested to deliver the Address in Medicine, in August next.

Resolved: That the proposed regulations—drawn up by the Committee appointed to consider and report upon the constitution of the various committees, on the mode of election of the members of the same, and also to suggest in what manner the reports should be brought before the annual meeting of the Association—be adopted.

*Rules and Regulations as regards the Committees of the British Medical Association.*

1. That the Council may from time to time appoint Committees for such purposes as it may think proper. These Committees may consist either wholly of members of the Council or partly of members of the Council and partly of members of the Association (not members of the Council).

2. That at the first or subsequent meeting of the Council after the first day of the annual meeting, such Committees as may be desirable shall be appointed. It shall be the duty of any Committee whose work is to be continued, to provide the Council before the annual meeting with the names suggested to act for the ensuing year.

3. That it shall be competent to the various Committees to add to their number new members. These new members shall be empowered to act on the Committee until the next meeting of the Council, when their names shall be submitted to the Council for election on the Committee.

4. That the Committees shall be empowered to ask other gentlemen, either members of the Association or others, to assist in the deliberations of the Committee, without the power of voting.

5. That it shall be the duty of each Committee to keep the Council informed of their proceedings by submitting their minutes to each quarterly meeting of the Council.

6. That a report from each Committee shall be submitted to a meeting of the Council before the annual meeting of the Association. This report, if approved and adopted by the Council, shall be submitted to the general meeting of the Association.

7. That it shall be the duty of the General Secretary to summon each Committee as soon as convenient after their election.

N.B.—The Journal and Finance Committee, being regulated by the by-laws of the Association, would not be affected by these regulations.

Letter read from Deputy Surgeon-General Graves-Irwin, of Bermuda, of which the following is a copy:

[Copy.]

Hamilton, Bermuda, November 4th, 1885.  
SIR,—Your favour of August 24th duly received. Herewith enclosed certificates required for 13 (thirteen) gentlemen who are anxious to join the British Medical Association, namely, 10 (ten) civilian practitioners, registered as per official list, vide p. 28 of Bermuda Almanac, posted herewith; and 3 (three) military medical officers, now serving in this command. We wish to form a Branch of the B. M. A. in this island.

On other side you will find names of gentlemen now serving in this command, who are already members of the B. M. A., and there are 2 (two) other civilian practitioners, whose certificates will be forwarded again. We are thus 19 *in esse*, and 21 *in posse*. Kindly attend to election of enclosed as soon as possible, and let me have decision of Council as to formation of our Branch at early date.—Faithfully yours,

C. GRAVES-IRWIN, D.-S.-G., M.S., P.M.O., Bermuda.  
N.B.—Our nearest island, British Colony, is about 1,000 miles distant. Bermuda is not in West Indies.

Names of officers now serving in Bermuda already members B. M. A.—Dept. Insp.-Genl. M. W. Cowan, R.N.; Staff-Surg. Anthony Kidd, R.N.; Surg. J. T. W. S. Kellard, R.N.; Dept.-Surg.-Genl. C. Graves-Irwin, M.S.; Surg.-Maj. J. A. Campbell, M.S.; Surg.-Maj. W. Finlay, M.S.; Surg. H. J. Michael, M.S.; Surg. Barnes, M.S.; Surg. Cecil Birt, M.S.

The Secretary, B. M. A., 161A, Strand, London.

Resolved: That the Council will gladly recognise and warmly welcome the addition of a Branch in Bermuda, upon receiving from the members of the proposed Branch a copy of the proposed by-laws and constitution for approval.

The proposal of 186 candidates for election as members was then considered.

Resolved: That 185 of the 186 candidates whose names appear on the circular convening the meeting be, and they are hereby elected, members of the Association. (The nomination of one candidate not being in order, he was disqualified.)

Resolved: That the minutes of the Journal and Finance Committee of to-day's date be approved, and the recommendations contained therein be carried into effect.

The minutes of the Journal and Finance Committee contain the particulars of accounts for quarter ending March 31st last, amounting to £4,080 13s. 11d., a recommendation that a further sum of £1,000 be invested, and sundry editorial matters.

Resolved: That the financial statement for the year ending December 31st, 1885, certified by the auditors as correct, be received, approved, and published in the JOURNAL, in accordance with By-law 33. (See page 799.)

The President of the Council reported the purchase of £2,000 3½ per cent. Newcastle-upon-Tyne Corporation Stock.

Resolved: That the minutes of the Scientific Grants Committee of the 13th instant be received, approved, and the recommendations contained therein be carried into effect.

It was moved and seconded: That the minutes of the Branch Organisation Committee be received and adopted.

The Branch Organisation Committee recommended that the map of Branch areas be published in the JOURNAL; that various alterations be made in the regulations for the formation of Branches.

Whereupon an amendment was moved and seconded, That the map defining the boundaries of the Branches, presented with the minutes of the Branch Organisation Committee, and the report of the Committee be circulated amongst the Branches, requesting the opinion of the Branches upon the map, before it receives final sanction.

The amendment was adopted.

The President of the Council reported that the Premises Committee had held two meetings since the last Council meeting, but that, at present, the Committee had only to report the earnest consideration of this matter, and that, so soon as anything definite could be placed before the Council, it would be reported.

Resolved: That the President of Council, the Treasurer, and Mr. Jessop, be appointed a Subcommittee to draw up the annual report of the Council.

Dr. Edward Waters, the Chairman of the Committee, reported, on behalf of the Medical Reform Committee, that a Bill had been introduced into the House of Commons by Sir Lyon Playfair, and explained in detail the effects of the Bill.

Resolved: That the report of the Medical Committee be adopted.

Mr. Sibley reported, on behalf of the Parliamentary Bills Committee, that much had been done. A great many Corporation Bills had been examined for those clauses relating to the public health. The Lunacy Bill had been considered by a Subcommittee appointed for the purpose, and the Lord Chancellor had adopted most of the suggested modifications.

Resolved: That the Report of the Parliamentary Bills Committee be received and adopted.

It was moved and seconded:

That the Council authorise and request the Chairman of the Council, the Chairman and Secretary of the Collective Investigation Committee, and such other persons as they may think fit to associate with themselves, to form a deputation to certain of the Corporations of the City of London, to ask if they would be willing to contribute from their funds towards the carrying out of the scientific investigations into the distribution, the causes, and the treatment of disease, which this Association has undertaken with a view to the promotion of the general interests of the community in the matter of public health.

Whereupon an amendment was moved and seconded:

That the consideration of this question be deferred to the next meeting of the Council.

The amendment having been put from the chair, the same was declared to be carried.

The amendment having been put as a substantive motion, was also declared to be carried.

Resolved: That the Branch Organisation Subcommittee be requested to consider and report upon any alteration of By-law 17, which it may now be necessary to adopt for the election of representatives of Colonial and Indian Branches.

Resolved: That the minutes of the Trust Funds Committee of the 13th instant be approved, and the recommendations contained therein carried into effect.

## SPECIAL CORRESPONDENCE.

### PARIS.

[FROM OUR OWN CORRESPONDENT.]

*On the Toxic Substances contained in Normal Organisms and in Normal Urine.—The Therapeutic of Urethan.—The Dangers of Cocaine.—The Trichophyton Tonsurans.—General News.*

At the meeting of March 22nd at the Paris Academy of Sciences, M. Bouchard, Professor at the Paris Medical Faculty, read a paper on the toxic substances existing in normal organisms, and especially in normal urine. All the chemical constituent principles of the animal organism can become hurtful when present in too large proportions. Oxygen, in too small quantity, produces death; in excess, it has the same effect. Water, a most necessary element in the animal organism, kills, if more than the eighth of the weight of the animal be introduced into the blood. Sodium-chloride regulates the phenomena of osmosis, which are essential to the process of nutrition; this substance produces death if more than one part of it to every four hundred parts of the weight of the animal be introduced into the economy. Other substances, which are also indispensable integral constituents of the animal organism, will, in much lower doses, provoke death. Eighteen centigrammes of potassium-chloride to every kilogramme of the animal's weight will prove fatal. Many other substances, much more toxic, are present in the animal economy. The human organism, like that of other animals, is impregnated with toxic substances, either introduced there or developed. These substances, in consequence of food being constantly taken, and uninterrupted nutrition going on, increase and accumulate. Nevertheless, poisoning does not ensue in a normal condition. There are three different preventive causes: the poisons are destroyed by intra-organic oxidations; others are arrested and destroyed by the liver; the principal part is excreted by different excretories. When normal urine is injected into the veins of an animal, the pupil contracts. After ten, twelve, fifteen cubic centimetres of urine have been injected, myosis becomes more and more marked, until the pupil resembles a pin-hole; the respiratory movements become quicker and shorter, the animal grows weaker, it moves with difficulty, and finally sleeps. Urinary secretion is increased; the animal also frequently passes urine; the injection of urine does not increase any other secretion than that of urine. Temperature becomes lower; palpebral and corneal reflex action is lessened, often exophthalmos occurs; finally, death results, generally without convulsions; sometimes, there are slight muscular contractions, and, under certain conditions, opisthotonos. Heart-beats are observed after death, also the contractility of striated and non-striated muscle. The pupil either remains contracted, or in some cases dilates. If a lower dose of urine than the one specified be injected, one sufficient to produce coma, but not to cause death, the respiratory movements are short and feeble, the animal is cold, presents stenosis of the pupil, and has polyuria. Urine escapes every ten minutes. The superficial vessels dilate; the arterial pulsations are so intense, that they are perceived in the end of the ear. The animal then becomes less torpid, its temperature increases, and its pupil dilates; it regains its normal condition without any pathological condition ensuing. Albuminuria rarely occurs with injection of normal urine; when it does, it is always very slight and transitory. With some kinds of pathological urine, it is constant; hæmaturia is sometimes produced. When a fluid of a lower temperature than that of an animal is injected into its veins, its temperature is lowered, in consequence of the equilibrium which is established between the body and the fluid injected; but this effect is only transitory, and an increase of temperature quickly follows the injection. When urine

a last resource, red carbolic powder was thrown in, but 11 cases out of 17 had proved fatal. There was steady improvement in the sanitary work of the town. A most important step was taken in the purchase of plans and models for underground drainage, and a project is in hand for removing the sewage by Shore's hydro-pneumatic system. Dr. Pedley has much to say of the faulty methods of building in Rangoon. Flimsy copies of European dwellings are being run up, in which ventilation is not provided for; and with the generally damp, foul, state of the soil beneath, health must seriously suffer. In the Chinese quarter of the town, there is much overcrowding.

## MEDICAL NEWS.

**ROYAL COLLEGES OF PHYSICIANS AND SURGEONS.**—The following gentlemen passed their second examinations in Anatomy and Physiology at a meeting of the Board of Examiners on April 14th, and, when eligible, will be admitted to the final examination.

Messrs. D. T. Belding, student of St. Bartholomew's Hospital; and C. R. Lane, of St. Thomas's Hospital.

Passed in Anatomy only.

A. H. Walker, of Charing Cross Hospital.

Passed in Physiology only on April 15th.

Natal Sisca, student of Naples; G. Severs, of St. Mary's Hospital; D. Peters and J. E. Bailey, of University College; A. G. Haydon, of St. Bartholomew's Hospital; J. F. Jones, L. N. Jekyl, and F. G. Cory, of the London Hospital; W. H. Storrs, of King's College; J. D. Price, of Guy's Hospital.

**ROYAL COLLEGE OF SURGEONS OF ENGLAND.**—The following gentlemen having undergone the necessary examinations for the diploma, were admitted members of the College, at a meeting of the Court of Examiners, on April 21st.

Messrs. A. W. Riddell, L.R.C.P. Lond., Bristol, student of Bristol Infirmary; B. S. Lawson, L.R.C.P. Lond., Harley Street, and Charles J. Tabor, L.R.C.P. Lond., Reading, of Middlesex Hospital; S. J. Armstrong, L.K.Q.C.P.I., Wakefield, of Leeds and Charing Cross Hospital; J. T. Henderson, L.S.A., Wilsey, of Leeds General Infirmary; W. R. Baker, L.R.C.P. Lond., Kilburn, N.W., of St. George's Hospital; F. G. Oliver, L.R.C.P. Lond., Neapatani, India, of University College; S. M. Roome, L.R.C.P. Lond., Cork, of Edinburgh University; H. Davidson, L.R.C.P. Lond., Forest Gate, and F. S. Arnold, Oxford, of St. Bartholomew's Hospital; E. C. Hare, L.R.C.P. Lond., West Bath, of Guy's Hospital; F. A. Bennett, L.S.A., Birmingham, of Birmingham General Infirmary.

One candidate was referred for three months, and nine for six months.

Admitted on April 22nd.

Messrs. J. E. N. Joly, L.R.C.P. Lond., Oppiden Road, E. F. Trevor, Harlesden, and E. F. Bright, Bournemouth, students of University College; C. W. Turner, Leeds; J. T. Walker, Rexton, T. W. Cundall, York, W. Greenwood, Ossett, of Leeds General Infirmary; H. E. Brodricke, Bury St. Edmund's, of Liverpool and Newcastle-on-Tyne Infirmary; H. E. Gough, Manchester, of Manchester Royal Infirmary; G. E. Deacon, Hethersett, E. J. Tatham, Highgate, G. R. Williams, L.R.C.P. Lond., Stroud Green, and R. H. Chapman, Richmond, of St. Bartholomew's Hospital; F. W. Smith, B.A. Cantab., Sherborne, of Cambridge and Guy's Hospital; P. S. Webster, L.R.C.P. Lond., Lincoln; and G. T. Collingwood, Brockley, S.E., of the London Hospital; W. Bett, Holbeach, and G. E. Halsted, Newark, of Guy's Hospital; W. S. Colman, Peterborough, of Edinburgh University; A. B. Woakes, Harley Street, W. R. Nairn, Kennington Road, and L. W. Burton, Burton-on-Trent, of St. Thomas's Hospital; W. P. G. Graham, Cambridge, T. Redmayne, Newcastle-on-Tyne, and C. G. May, Dublin, of London Hospital and Cambridge University.

Three candidates were referred for three months, and eight for six months.

Admitted on April 26th.

Messrs. G. W. Davis, L.R.C.P. Lond., York Road, S.E., student of St. Thomas's Hospital; T. C. Pagden, Epsom, C. T. Lyne Dixon, Camden Road, R. G. Cross, Petersfield, A. E. Lyster, L.S.A., Walthamstow, A. S. Tredinnick, St. Austell, Cornwall, H. P. Cholmeley, Duke Street, Adelphi, and W. H. George, Probus, Cornwall, of St. Bartholomew's Hospital; W. B. Colquhoun, L.R.C.P. Lond., Upper Clapton, E., and C. G. Wallis, Woolwich, of Guy's Hospital; W. J. Spoor, Gloucester Place, of Middlesex Hospital; G. W. Blomfield, L.S.A., Hastings, C. H. Walker, Great Yarmouth, and A. A. Howell, Wrexham, of the London Hospital; J. M. France, Guildford Road, and W. Bowden, Hilldrop Crescent, of University College; W. E. Evans, Torquay, and G. Michelmore, Gloucester Street, of St. George's Hospital; Absolon Georges, Percy Circus, of King's College.

Seven candidates were referred for three months, three for six months, and one for nine months.

Admitted on April 27th.

Messrs. C. H. Evans, L.R.C.P. Lond., Winchmore Hill, student of University College; W. R. Clay, L.R.C.P. Lond., Westwick Gardens, W., of Middlesex Hospital; A. J. Gore, L.R.C.P. Lond., Victoria, Australia, C. A. Parker, L.S.A., Alford, Lincolnshire, and S. E. Ward, L.S.A., Havershill, of St. Bartholomew's Hospital; E. A. Burnside, L.R.C.P. Lond., Richmond Road, W., of King's College; C. B. T. Langton, L.R.C.P. Lond., Brixton, of Manchester and St. Thomas's Hospital; L. Bidwell, L.R.C.P. Lond., Blackheath, of Guy's Hospital; S. S. Sprigge, Milner Terrace, S.W., of St. George's Hospital and Cambridge University.

Admitted on April 28th.

Messrs. Alfred Fisher, L.R.C.P. Edin., Liverpool, student of the Royal Infirmary, Liverpool; F. Norman, L.R.C.P. Lond., W. F. Mitchell, L.S.A., Granville Square, W.C., of St. Bartholomew's Hospital; J. E. Nevins, L.S.A., of Liverpool, of Liverpool, and Guy's Hospital; E. Buckell, L.B.C.P. Lond., Romey, and J. Melhuish, L.R.C.P. Lond., Belsize Park, of University College; E. Vallance, L.R.C.P. Lond., The Deanery, Stratford, E. H. Holyoake, L.R.C.P. Lond., Droitwich, and T. N. Thomas, L.S.A., Solva, Pembrokeshire, of the London Hospital; C. D. Christmas, L.S.A., Bammersmith, and H. O. Grenfell, L.R.C.P. Lond., Calstock, Cornwall, of Charing Cross Hospital; C. W. Daniels, M.B. Cantab., Manchester, of Cambridge and London Hospital; G. Varley, Stanningley, of Middlesex Hospital; A. Rigdon, L.R.C.P. Lond., South Kensington.

The following gentlemen passed their primary examinations in Anatomy only, at a meeting of the Board of Examiners, on April 14th, and, when eligible, will be admitted to the pass-examination.

Messrs. E. D. Rees and S. V. Duncan, students of King's College; W. Hichens and M. A. Kirton, of London Hospital; A. L. Devenish-Mearns and F. G. Vicars, of Guy's Hospital; J. W. Hudson, of Middlesex Hospital; E. Lambert, of Leeds School of Medicine; J. C. McLearn, of Dublin, G. D. Parker, T. G. Bokenham, of St. Bartholomew's Hospital; C. Matet, of Malta, and St. Thomas's Hospital; R. G. Greenwood, of University College; R. F. Berry and R. Stuart, of St. George's Hospital; and A. S. Phillips, of St. Thomas's Hospital.

Passed in Physiology only.

A. Ehrmann, C. H. Miles, F. H. Haines, W. W. Williams, H. Lloyd, J. H. Harrison, and F. W. Barton, of University College; R. F. Gordon, H. J. Tizard, J. H. E. Austin and S. D. Graham, of St. George's Hospital; W. G. Beyts, C. G. Thorp, E. E. P. Tindall, and C. D. H. Rygate, of Guy's Hospital; W. G. R. Farquharson, K. B. Ferguson, and C. Graves, of St. Mary's Hospital; H. S. Challenor, of Middlesex Hospital; A. H. Howell, of London Hospital; T. E. Pallett, of Westminster Hospital.

Passed in Physiology only on April 15th.

H. J. Holman, F. T. Troughton, G. Pender Smith, and J. P. Pendlebury, of London Hospital; R. A. Smith, of University College; E. Webster, of St. Thomas's Hospital; F. C. Wood, of the London Hospital; A. W. Lyons, of King's College.

**UNIVERSITY OF ABERDEEN.**—At the April graduation term, the following results were announced:

*Degree of M.D.*—J. H. Anderson, M.A., M.B., C.M., Stonehaven; J. M. Booth, M.A., M.B., C.M., Aberdeen; W. Geddie, M.B., C.M., Accrington; J. Inglis, M.A., M.B., C.M., Kirkcaldy, Lowestoft; P. W. Macdonald, M.A., M.B., C.M., County Asylum, Dorchester; F. R. Mutch, M.A., M.B., C.M., Nottingham; J. Reid, M.A., M.B., C.M., Adelaide; J. T. Robb, M.A., M.B., C.M., Tottenham, London; W. Stericker, M.A., M.B., C.M., Dulwich Grove, London; P. A. Sullivan, M.A., M.B., C.M., Carlisle.

*Degrees of M.B. and C.M.*—C. M. Aird, Wakefield; H. Angus, Arbroath; C. A. Arnold, Chichester; J. M. Barnes, Foulsworth, Manchester; J. F. Binnie, M.A., Aberdeen; G. Burgess, Grantown-on-Spey; A. W. Chapman, Manchester; F. L. Collier, Viewbank, Cults; W. Davidson, Kinneff; J. S. Dickie, Aberdeen; J. C. G. Duffus, M.A., Cullen; G. Forbes, Tairland; J. Galloway, M.A., Inverurie; W. Greig, Tyrie; A. G. R. Ingram, M.A., Rothiemay; J. T. Lewis, Aberdeen; P. J. Lumsden, India; D. G. G. Macdonald, Inverness; J. Malcolm, Ashbourne, Derbyshire; W. Milligan, Old Aberdeen; A. Milne, Aberdeen; J. Murray, Galashiels; C. Reid, Aberdeen; J. Russell, M.A., Inch; W. Scatteredy, M.A., Kennethmont; A. Simpson, M.A., Aberdeen; D. A. Shirres, Aberdeen; J. W. Smith, Chapel-en-le-Frith, Derbyshire; R. B. T. Stephenson, Aberdeen; J. Taylor, Woodside, Elgin; J. D. Thomson, M.A., Cullen; W. D. Urquhart, Woodside, Aberdeen; G. Williamson, M.A., Elgin; R. G. Wills, Axminster, Devon.

Of the above named candidates, J. C. G. Duffus, M.A., J. D. Thomson, M.A., received their Degrees in Medicine and Surgery with Highest Academical Honours. J. Galloway, W. Milligan, and J. Murray received their Degrees in Medicine and Surgery with Honourable Distinction.

At the same time, A. F. C. Clark, G. N. Wilson, and A. Mackay were certified to have passed all the examinations, but did not graduate.

The following candidates have passed the first division of the first professional examination.

C. Aymer, W. Bromilow, G. J. Buchanan, H. F. Cameron, R. Cumming, J. Fraser, A. P. F. Gammack, W. Goodwin, J. F. S. Hay, J. Johnston, J. Moir, B. W. Mudd, W. E. Munro, M. Murchison, F. Noble, T. M. Rao, G. R. C. Russell, G. R. Scotland.

The following candidates have completed the first professional examination.

J. L. Adam, G. Allan, W. H. Barnby, F. Beetham, A. T. G. Beveridge, R. S. Black, J. H. Collier, R. H. Cook, A. J. Davies, J. Don, A. L. Duke, S. S. Dunn, R. Eatough, A. D. Ellis, G. S. P. Ferdinand, G. G. A. Forsyth, W. M. Francis, A. K. Galloway, R. J. Gladstone, W. Gordon, C. Grant, J. Grant, R. Grant, A. B. M. Gunn, T. W. Hingworth, A. Innes, A. G. Jamieson, J. Johnstone, B. E. Jones, J. Joss, A. Keith, F. T. Keyt, A. Little, G. Macdonald, J. M. Mackay, R. G. McKerron, W. Masson, G. Michie, J. Milne, R. H. Nicholson, J. S. Riddell, A. M. Saunders, W. St. J. Skene, J. F. Souter, D. A. Sturrock, W. St. J. Symmers, R. M. Townsend, J. L. Watt, A. M. Will, A. S. Williamson.

The following candidates have passed the second professional examination.

Messrs. W. Alexander, C. Angus, J. Bryce, J. Crevie, J. J. Y. Dalgarno, D. M. Davidson, C. E. Duff, A. D. Forbes, A. C. Hutchinson, F. MacRae, B. Morrison, J. Pearson, R. Rennie, G. Rose, J. Shand, C. H. J. Souter, J. Thomson, T. H. Thomson, J. Williams.

**UNIVERSITY OF EDINBURGH—MEDICAL DEGREES.**—The following is the official list of candidates who passed the first professional examination in April, 1886.

Messrs. J. H. Bayley, H. R. Bellamy, W. H. H. Bennett, J. J. Beveridge, M. A.; W. T. Blackledge, T. P. Blades, E. L. Booth, J. A. Bower, W. Bower, E. W. R. Branch, T. L. Brander, Reginald Broadbent, B. Burger, T. Burns, R. Cattle, Albert Coleman, M. W. W. Cowan, P. Grerar, R. Davies, W. Dickson, D. S. Dixon, J. A. Forrest, W. A. Fowler, W. J. Greenhaza, A. Griffiths, A. H. Hallen, R. E. Howell, W. H. Hughes, W. Hume, D. Huskie, M. A.; J. Huskie, H. M. Inglis, B. A.; H. Jamieson, W. E. Jennings, J. L. Jones, A. B. Kenworthy, J. M. Laughton, A. S. Lawrence, O. R. Lewis, J. S. S. Lumsden, R. Macfarlane, J. T. M'Kay, W. R. Main, F. Mason (with distinction), F. A. Maynard, G. Melville, G. S. Mill, V. Milner, J. L. Morrison, J. M. Morrison, J. P. Morton, A. Nasmyth, A. Newall, A. Nobbs, A. J. Prentice, R. Renton, C. G. Robson-Scott, R. R. Ross, J. C. Rossie, W. V. Sinclair, G. B. D. Smart, A. E. Taylor, C. T. P. Water, D. F. D. Turner, G. Vandewall, J. J. Vernon, G. A. Waith, C. Waterston, A. B. A. Wilhelm, J. Wilkinson, A. Wilson, G. C. Winchester, R. E. B. Yelf, C. W. Yeoman.

**ROYAL COLLEGES OF PHYSICIANS AND SURGEONS OF EDINBURGH, AND FACULTY OF PHYSICIANS AND SURGEONS OF GLASGOW.**—At the April examinations, held in Glasgow, the following candidates passed the respective examinations for the triple qualification conferred by the three Scottish medical corporations.

*First Examination.*—J. A. Calderwood, A. F. Crinan, L. Watson, and R. P. Williams, of the Glasgow Medical School; A. H. H. Watson, and M. C. Wright, of the Edinburgh School; H. G. Pauli and G. C. Gilles, of the Leeds School; W. Cheadle, Owens College; J. Stewart and W. A. Wales, of Queen's College, Belfast; E. S. Leyburn, Dublin; and M. V. C. Marquis, Bombay.

*Second Examination.*—C. Carruthers, J. F. Challinor, G. Evans, J. Rogerson, J. K. Jones, and A. M'Arthur, of the Glasgow School; A. A. Adie and M. C. Wright, of the Edinburgh School; W. F. Copper, Queen's College, Birmingham; L. P. Jackson, King's College, London; and D. Henderson, Queen's College, Belfast.

*Final Examination.*—W. E. Bennett, Leeds School; W. Colquhoun, A. E. Thorpe, and H. K. Young, of the Glasgow School; G. R. Nelson and J. Wingfield, of the Edinburgh School.

The following were admitted Licentiates of the Royal College of Physicians of Edinburgh and the Faculty of Physicians and Surgeons of Glasgow, under the regulations in force prior to October, 1884.

G. W. Eglinton, of the Liverpool School; E. J. Finlstin, of the Leeds School.

**UNIVERSITY OF GLASGOW.**—Medical Examinations, April, 1886.

The following gentlemen have passed in the undernoted examinations.

*First Professional Examination.*—J. B. M. Anderson, G. A. Bannatyne, T. Berry, W. M. Boyd, R. Calderwood, A. Copland, J. Crawford, A. Davidson, M. A., D. Davie, J. P. Dunn, C. J. Fyfe, P. Gardiner, H. W. Gentles, J. Gillespie, G. Gordon, R. Hamilton, C. A. Henderson, J. M. Johnston, R. B. Loshian, G. Mathieson, D. M'Callum, D. M'Intosh, R. D. Mackintosh, C. N. M'Quarrie, J. W. Nichol, D. Ramsay, W. Robb, J. Rowan, J. Sandilands, M. A., J. Stewart, P. Stewart, R. Stobo, J. Wallace, R. Weir, M. Whyte, W. B. Williams.

*Second Professional Examination.*—R. Banks, M. Beattie, M. A. Boyle, A. Campbell, J. Crawford, J. B. Dalrymple, T. J. Davies, F. L. Duncan, F. Fedarb, P. Ferguson, R. J. Freebairn, H. Girvan, A. Gunn, C. H. Hallet, T. W. Hay, W. R. Jack, A. H. Jago, T. W. Jenkins, M. A., T. Laird, G. Lapraik, J. Melville, J. T. C. Mitter, J. F. D. M'Quarrie, J. Macarthur, J. M. I. M'Call, D. M'Eachern, J. K. Mackinnon, W. H. M'Kinstry, H. Park, J. S. Rankin, H. R. Sloan, W. Stewart, J. P. Tannock, J. Vallance, J. D. Wilson, J. P. Wilson, R. J. Wylie, J. Young, R. Zuill.

*Third Professional Examination.*—J. Adam, F. Ashurst, J. Baird, A. Butler, D. Craig, A. D. Crawford, W. J. Daly, J. Dewar, W. Dimsore, F. Duncan, J. Edgar, M. A., A. G. Fatidis, R. T. Ferguson, H. W. Finlayson, W. J. Giblin, J. D. Gordon, A. Gray, H. Gray, R. Greenhill, W. T. Hamah, G. F. Hilliard, R. Hogg, G. J. Inurie, D. Jones, W. Livingstone, J. Love, J. R. Marshall, G. Miller, J. K. Morton, D. Munro, W. H. Murray, J. M'Corkindale, T. L. M'Farlane, T. M'Geoch, M. A. Mackintosh, A. H. M'Lean, W. MacLennan, R. A. Macleod, J. MacPherson, W. F. Ness, M. A., T. J. Bedhead, R. G. Reid, H. Rhodes, A. H. Richmond, A. Roxburgh, G. Russell, W. Russell, C. E. Scanlan, R. Stevenson, J. M. Stewart, D. Stone, A. Tannahill, E. B. Tant, J. A. Ure, W. Walker, D. C. Watt, R. O. Willis, A. S. Wotherpoon, J. M. Young.

The following have also passed in Pathology.  
A. D. Crawford, R. T. Ferguson, A. Gray, R. Greenhill, R. Hogg, D. Jones, W. Livingstone, G. Miller, W. F. Ness, M. A., A. Roxburgh, C. E. Scanlan.  
W. F. Phillips has passed the First and Second Examinations (old regulations).

**UNIVERSITY OF ST. ANDREW'S.**—The following registered medical practitioners, having passed the required examinations, the degree of M.D. was conferred on them on April 21st.

Edward Adam, M.R.C.S.Eng., L.K.Q.C.P.Irel., Liverpool; Robinson Boustead, M.R.C.S.Eng., F.R.C.S.Eng., L.S.A.Lond., Brighton; Harry Davis, L.R.C.P.Lond., M.B.C.S.Eng., L.S.A.Lond., Callington; Alexander Gunn, L.R.C.P.Eng., L.R.C.S.Eng., Edinburgh; Frederick Henry Hume, M.R.C.S.Eng., L.S.A.Lond., London; Charles Frederick Knight, M.R.C.S.Eng., L.S.A.Lond., London; Keith Norman Macdonald, L.R.C.P.Lond., F.R.C.P.Eng., L.R.C.S.Eng., Cupar, Fife; John Edwin Scowcroft, L.R.C.P.Eng., F.R.C.S.Eng., F.F.P.S.Glasg., Bolton; Edward Matthew Shirliff, M.R.C.S.Eng., L.S.A.Lond., Kingston-on-Thames; Henry Willson, M.R.C.S.Eng., L.S.A.Lond., London.

The following gentlemen also proceeded to the degree of M.D.  
Alexander Bowie, M.B., C.M.Sc.And., L.R.C.P.Eng., L.R.C.S.Eng., London;  
John Alexander McMuinn, M.B., C.M.Sc.And., L.R.C.P.Eng., L.R.C.S.Eng., Alderney.

**SOCIETY OF APOTHECARIES OF LONDON.**—The following gentlemen passed their Examination in the Science and Practice of Medicine, Surgery, and Midwifery, and received certificates to practise, on Thursday, April 22nd, 1886.

Alexander, Sidney Robert, Essex Lodge, Upper Norwood.  
Fowler, John Bucknill, Thornton, Hereford.

### MEDICAL VACANCIES.

The following vacancies are announced.

**BIRMINGHAM FRIENDLY SOCIETIES' MEDICAL INSTITUTION.**—Medical Officer. Salary, £200 per annum. Applications by May 20th to the Secretary.

**COVENTRY PROVIDENT DISPENSARY.**—Surgeon. Applications by May 10th to the Honorary Secretary.

**CUMBERLAND INFIRMARY.**—Assistant House-Surgeon. Salary, £40 per annum. Applications by May 11th.

**DENTAL HOSPITAL OF LONDON,** Leicester Square.—Dental Surgeon. Applications by May 10th, to G. A. Ibbetson.

**DORSET COUNTY HOSPITAL,** Dorchester.—House-Surgeon. Salary, £70 per annum. Applications by May 19th to the Chairman of the Committee.

**EAST LONDON HOSPITAL FOR CHILDREN,** Shadwell, E.—Assistant-Surgeon. Applications by May 21st to the Secretary.

**HARTLEPOOL FRIENDLY SOCIETY'S ASSOCIATION.**—Dispenser. Applications to T. Tweddell, Reed Street, West Hartlepool.

**KIDDERMINSTER INFIRMARY.**—House-Surgeon. Salary £120 per annum. Applications by May 8th.

**LEICESTER SICK BENEFIT SOCIETY.**—Medical Officer. Applications to J. William, 62, Humberston Gate, Leicester.

**LIVERPOOL DISPENSARIES.**—Three Head Surgeons. Salary, £200 per annum. Applications by May 6th, to R. R. Green, 34, Moorfields, Liverpool.

**LIVERPOOL DISPENSARIES.**—Six Assistant-Surgeons. Salary, £80 per annum. Applications by May 6th, to R. R. Green, 34, Moorfields, Liverpool.

**NATIONAL HOSPITAL FOR THE PARALYSED AND EPILEPTIC,** Queen Square, Bloomsbury.—Junior House-Physician. Salary, £50 per annum. Applications by May 3rd.

**ROYAL BERKS HOSPITAL.**—Assistant-Surgeon. Applications by May 4th to J. F. Hugo.

**SEAMAN'S HOSPITAL** (late *Dreadnought*), Greenwich, S.E.—House-Surgeon. Salary, £50 per annum. Applications by May 11th to W. T. Evans.

**WESTMINSTER GENERAL DISPENSARY.**—Honorary Physician. Applications by May 8th.

### MEDICAL APPOINTMENTS.

DIXON, H. W., M.B., L.R.C.S.Eng., appointed Assistant-Surgeon to the Gateshead Dispensary.

FOXWELL, Arthur, B.A., M.B.Cantab., appointed Pathologist to Birmingham Hospital for Women *vice* Dr. Saundby, elected Consulting Physician.

HODSON, Francis Octavius, L.K.Q.C.P., F.R.C.I., J.P. for New South Wales and Licensing Magistrate, appointed Medical Officer to the Walgett District Hospital (February 1st, 1886), Government Medical Officer and Public Vaccinator (February 26th) to the Walgett District.

LAWFORD, John Bowring, M.D., C.M., appointed Assistant Ophthalmic Surgeon to St. Thomas's Hospital.

PERCIVAL, Frank, M.R.C.S.Eng., appointed Assistant Medical Officer to the Lunatic Hospital, The Coppice, Nottingham.

REVINGTON, George, A.B., M.B., B.Ch.Univ.Dub., appointed Junior Assistant Medical Officer, Prestwich Asylum.

### BIRTHS, MARRIAGES, AND DEATHS.

The charge for inserting announcements of Births, Marriages, and Deaths is 3s. 6d., which should be forwarded in stamps with the announcements.

#### BIRTH.

BLÉNARNE.—On April 25th (Easter Day), at 385, Humberstone Road, Leicester, the wife of W. L'Heureux Blénarne, M.R.C.S., of a daughter (Eva Cecilia).

#### MARRIAGES.

REES—DEW.—April 27th, at St. Martin's Church, Scarborough, by the Rev. J. Hughes Rees, M.A., brother of the bridegroom, Robert Rees, M.B., West Bromwich, to Blanche, fifth daughter of the late J. Wormald Dew, Surgeon, Holme on Spalding Moore, Yorkshire. No cards.

SMITH—SHEPPARD.—On April 27th, at Holy Trinity Church, Paddington, by the Rev. H. B. Hyde, M.A., Herbert Arthur Smith, M.R.C.S., L.R.C.P., L.S.A.Lond., of Ealing, second son of the late Thomas Smith, Surgeon, of Wheatley, to Myra Dixon Sheppard, eldest daughter of W. Sheppard, Esq., Surgeon, of Ealing (formerly Ashford).

#### DEATHS.

ORWIN.—April 16th, at Palace Chambers, Westminster, after a brief illness, Surgeon-Major Thomas William Orwin, A.M.D., eldest son of the late James Orwin, M.D., aged 47.

TAGGART.—At his residence, Carrickfergus, April 10th, Surgeon-Major D. R. Taggart, M.D., Coroner of the County Antrim and County of the town of Carrickfergus, aged 47.

**GUY'S HOSPITAL.**—The Michael Harris Prize in Anatomy has been divided between Mr. A. Parkin, of Hightown, Yorkshire, and Mr. R. D. Mothersole, of Colchester, both candidates being of equal merit. The Beane Prize of 30 guineas in Pathology has been awarded to Mr. J. W. Washbourn, of Gloucester.



**ST. JOHN AMBULANCE ASSOCIATION.**—The third annual meeting of the Gibraltar Centre was held, on March 31st, at the New Assembly Rooms. The Governor, His Excellency General Sir John Adye, G. C. B., presided; and Lady Adye presented certificates and medallions, among the recipients of the latter being the Chief-Justice, Sir H. J. Burford-Hancock.—Brigade-Surgeon A. Clarke has reported to St. John's Gate an excellent case of "first aid," rendered by Gentleman Cadet H. R. Beddoes, now attending his lectures at the Royal Military College. A poor woman was knocked down by a train at Farnborough Station, and had her foot and leg smashed. There was profuse arterial bleeding, and much shock. No surgeon was available; but Mr. Beddoes applied temporary tourniquets, and took such other measures as, undoubtedly, saved the woman's life.

**DISPENSING MEDICINES.**—"A Chemist and Druggist" writes: "I think the danger arising from incorrectly dispensing medicines might be considerably decreased by the law making it compulsory that all chemists' assistants should be qualified before being allowed to dispense medicines. As the law stands at present, an assistant is allowed to dispense medicines without any legal proof of his capabilities to do so. I might safely say that half the chemists' assistants of the present day are unqualified; and a great proportion of these have not passed the preliminary examination of the Pharmaceutical Society, or any equivalent, which a youth ought to pass on leaving school. Then, again, another great source of danger, to my mind, is the permitting of a qualified chemist to keep as many branch shops as he chooses, managed by unqualified men. In my opinion, if these two great evils were properly dealt with, it would be to the mutual benefit of the public at large and the chemists and druggists themselves."

**PRESENTATION.**—Dr. Mackie has (in addition to the testimonial reported on April 2<sup>nd</sup>) been presented by the inhabitants of Stagsden with a very handsome Benares tray, inscribed, "Presented to W. J. Mackie, M.D., as a tribute of gratitude from friends at Stagsden, March, 1886." The residents of Astwood have also presented him with a silver fish-knife and fork and cruet.

**A LARGE CHILD.**—The *New York Medical Journal* has been informed by Dr. E. A. Morgan, of Naros, Illinois, of the birth of a child weighing seventeen pounds. Both mother and child were reported to be doing well.

**ST. BARTHOLOMEW'S HOSPITAL MEDICAL COLLEGE.**—The Kirkes Gold Medal and £30 Scholarship have been awarded to Mr. W. H. Hamer, B.A.

### MEETINGS OF SOCIETIES DURING THE NEXT WEEK.

**MONDAY.**—Medical Society of London, 8.30 P.M. Annual Oration, by R. Douglas Powell, M.D., F.R.C.P. Conversazione at 9.15, and Reception by the President. The band of the Royal Artillery will be in attendance.

**TUESDAY.**—Pathological Society of London, 8 P.M. Mr. R. W. Parker: Obliterative Tracheitis and Bronchitis in Congenital Syphilis. Dr. Hale White: Pathological Histology of Hydrophobia. Dr. Payne: Granuloma Fungoides. Mr. Eve: Granuloma Fungoides of Foot. Dr. Handford: Hepatic Abscess secondary to Pelvic Inflammation. Dr. Norman Moore: Primary Cancer of Thyroid. Dr. N. Dalton: Congenital Stricture of Small Intestine. Dr. Carrington: Double Intestinal Stricture. Mr. Davies-Colley: Spinal Abscess destroying Right Kidney and opening into Duodenum. Dr. Silcock: Psosas Abscess, with Formation of New Bone in Sinus. Dr. Turner: 1. Tubercular Arteritis; 2. Miliary Tubercle in Pulmonary Artery. Dr. Mott, for Dr. Steeves: Malignant Growth of Lip, with Melanosis. Card Specimens.—Dr. Payne: Trichorexis Nodosa. Dr. Handford: 1. Aneurism of Aorta communicating with Pulmonary Artery; 2. Disease of Mediastinal, Lumbar, and Mesenteric Glands. Dr. Sherrington: Spinal Cord from Friedrich's Hereditary Ataxia. Mr. Eve: Multilocular Cyst of Epididymis. Dr. Moore: 1. Hydrocephalus; 2. Gummata of Spleen. Mr. E. H. Fenwick: Villous Tumour of the Bladder. Mr. Ballance: Calvarium showing Perforations from a Case of Hydrocephalus. Mr. Churchill: Central Sequestrum of Great Trochanter. Mr. J. H. Targett: Traumatic Hernia through Diaphragm. Mr. Stoker: Cancer of Thyroid. Mr. Poland: Old Subcoracoid Dislocation of Shoulder.

**WEDNESDAY.**—Obstetrical Society of London, 8 P.M. Specimens will be shown. Dr. Matthews Duncan: On Elasticity, Retraction, and Polarity of the Uterus. Dr. Amand Routh: A Case of Serous Perimetritis. Dr. Champneys: On the Artificial Production of the so-called Lymphatic Varix.

**THURSDAY.**—Harveian Society of London, 8.30 P.M. Mr. C. M. Handfield-Jones: On Sudden Death in Pregnancy, Parturition, and the Puerperal State. Dr. W. Ewart: On some Practical Points in Percussion and Auscultation of the Chest.—Ophthalmological Society of the United Kingdom, 8 P.M., Living and Card Specimens. 8.30 P.M., Exophthalmic Goitre; its Symptoms, Pathology, and Treatment. Communications will be made by Drs. Wilks, Bristowe, Hughlings Jackson, Sharkey, Hill, Griffith, and Samuel West, and by Messrs. Lunn, Higgins, Silcock, etc.

**FRIDAY.**—West London Medico-Chirurgical Society, 8 P.M. Mr. Percy Dunn: Morbid Specimens. Dr. Ball: A Case of Multiple Warts. Drs. Ball and Colcott Fox: Cases of Hereditary Syphilis. Dr. Colcott Fox: Some Cases of Bone-Syphilis in Infants. Dr. Scanes Spicer: A Case of Chronic Cerebral Abscess following Otitis Media, with Account of *Post Mortem* Examination. Dr. Clippingdale: Educational Overpressure of Young Children.

### OPERATION DAYS AT THE LONDON HOSPITALS.

**MONDAY.**.....10.30 A.M.: Royal London Ophthalmic.—1.30 P.M.: Guy's (Ophthalmic Department); and Royal Westminster Ophthalmic.—4.2 P.M.: Metropolitan Free; St. Mark's; Central London Ophthalmic; Royal Orthopaedic; and Hospital for Women.—2.30 P.M.: Chelsea Hospital for Women.

**TUESDAY** .....9 A.M.: St. Mary's (Ophthalmic Department).—10.30 A.M.: Royal London Ophthalmic.—1.30 P.M.: Guy's; St. Bartholomew's (Ophthalmic Department); Royal Westminster Ophthalmic.—2 P.M.: Westminster; St. Mark's; Central London Ophthalmic.—2.30 P.M.: West London; Cancer Hospital, Brompton.—4 P.M.: St. Thomas's (Ophthalmic Department).

**WEDNESDAY** ..10 A.M.: National Orthopaedic.—10.30 A.M.: Royal London Ophthalmic.—1 P.M.: Middlesex.—1.30 P.M.: St. Bartholomew's; St. Mary's; St. Thomas's; Royal Westminster Ophthalmic.—2 P.M.: London; University College; Westminster; Great Northern Central; Central London Ophthalmic.—2.30 P.M.: Samaritan Free Hospital for Women and Children; St. Peter's.—3 to 4 P.M.: King's College.

**THURSDAY** ....10.30 A.M.: Royal London Ophthalmic.—1 P.M.: St. George's.—1.30 P.M.: St. Bartholomew's (Ophthalmic Department); Guy's (Ophthalmic Department); Royal Westminster Ophthalmic.—2 P.M.: Charing Cross; London; Central London Ophthalmic; Hospital for Diseases of the Throat; Hospital for Women.—2.30 P.M.: North-west London; Chelsea Hospital for Women.

**FRIDAY** .....9 A.M.: St. Mary's (Ophthalmic Department).—10.30 A.M.: Royal London Ophthalmic.—1.15 P.M.: St. George's (Ophthalmic Department).—1.30 P.M.: Guy's; Royal Westminster Ophthalmic.—2 P.M.: King's College; St. Thomas's (Ophthalmic Department); Central London Ophthalmic; Royal South London Ophthalmic; East London Hospital for Children.—2.30 P.M.: West London.

**SATURDAY** ....9 A.M.: Royal Free.—10.30 A.M.: Royal London Ophthalmic.—1 P.M.: King's College.—1.30 P.M.: St. Bartholomew's; St. Thomas's; Royal Westminster Ophthalmic.—2 P.M.: Charing Cross; London; Middlesex; Royal Free; Central London Ophthalmic.—2.30 P.M.: Cancer Hospital, Brompton.

### HOURS OF ATTENDANCE AT THE LONDON HOSPITALS.

CHARING CROSS.—Medical and Surgical, daily, 1; Obstetric, Tu. F., 1.30; Skin, M. Th., 1.30; Dental, M. W. F., 9.  
GUY'S.—Medical and Surgical, daily, 1.30; Obstetric, M. Tu. F., 1.30; Eye, M. Tu. Th. F., 1.30; Ear, Tu. F., 12.30; Skin, Tu., 12.30; Dental, Tu. Th. F., 12.  
KING'S COLLEGE.—Medical, daily, 2; Surgical, daily, 1.30; Obstetric, Tu. Th. S., 2; o.p., M. W. F., 12.30; Eye, M. Th., 1; Ophthalmic Department, W., 1; Ear, Th., 2; Skin, Th.; Throat, Th., 3; Dental, Tu. F., 10.  
LONDON.—Medical, daily, exc. S., 2; Surgical, daily, 1.30 and 2; Obstetric, M. Th., 1.30; o.p. W. S., 1.30; Eye, W. S., 9; Ear, S., 9.30; Skin, Th., 9; Dental, Tu., 9.  
MIDDLESEX.—Medical and Surgical, daily, 1; Obstetric, Tu. F., 1.30; o.p., W. S., 1.30; Eye, W. S., 8.30; Ear and Throat, Tu., 9; Skin, F., 4; Dental, daily, 9.  
ST. BARTHOLOMEW'S.—Medical and Surgical, daily, 1.30; Obstetric, Tu. Th. S., 2; o.p., W. S., 9; Eye, Tu. Th. S., 2.30; Ear, Tu. F., 2; Skin, F., 1.30; Larynx, F., 2.30; Orthopaedic, M., 2.30; Dental, Tu. F., 9.  
ST. GEORGE'S.—Medical and Surgical, M. Tu. F. S., 1; Obstetric, Tu. S., 1; o.p., Th., 2; Eye, W. S., 2; Ear, Tu., 2; Skin, W., 2; Throat, Th., 2; Orthopaedic, W., 2; Dental, Tu. S., 9; Th., 1.  
ST. MARY'S.—Medical and Surgical, daily, 1.45; Obstetric, Tu. F., 9.30; o.p., M. Th., 9.30; Eye, Tu. F., 9.30; Ear, W. S., 9.30; Throat, M. Th., 9.30; Skin, Tu. F., 9.30; Electrician, Tu. F., 9.30; Dental, W. S., 9.30.  
ST. THOMAS'S.—Medical and Surgical, daily, except Sat., 2; Obstetric, M. Th., 2; o.p., W., 1.30; Eye, M. Th., 2; o.p., daily, except Sat., 1.30; Ear, M., 12.30; Skin, W., 12.30; Throat, Tu. F., 1.30; Children, S., 12.30; Dental, Tu. F., 10.  
UNIVERSITY COLLEGE.—Medical and Surgical, daily, 1 to 2; Obstetrics, M. Tu. Th., F., 1.30; Eye, M. Tu. Th. F., 2; Ear, S., 1.30; Skin, W., 1.45; S., 9.15; Throat, Th., 2.30; Dental, W., 10.30.  
WESTMINSTER.—Medical and Surgical, daily, 1.30; Obstetric, Tu. F., 3. Eye, M. Th., 2.30; Ear, Tu. F., 9; Skin, Th., 1; Dental, W. S., 9.15.

### LETTERS, NOTES, AND ANSWERS TO CORRESPONDENTS.

COMMUNICATIONS respecting editorial matters should be addressed to the Editor, 161A, Strand, W.C., London; those concerning business matters, non-delivery of the JOURNAL, etc., should be addressed to the Manager, at the Office, 161A, Strand, W.C., London.

IN order to avoid delay, it is particularly requested that all letters on the editorial business of the JOURNAL be addressed to the Editor at the office of the JOURNAL, and not to his private house.

AUTHORS desiring reprints of their articles published in the BRITISH MEDICAL JOURNAL, are requested to communicate beforehand with the Manager, 161A, Strand, W.C.

CORRESPONDENTS who wish notice to be taken of their communications, should authenticate them with their names—of course not necessarily for publication. CORRESPONDENTS not answered, are requested to look to the Notices to Correspondents of the following week.

PUBLIC HEALTH DEPARTMENT.—We shall be much obliged to Medical Officers of Health if they will, on forwarding their Annual and other Reports, favour us with Duplicate Copies.

WE CANNOT UNDERTAKE TO RETURN MANUSCRIPTS NOT USED.

through the skin after ligation of the upper arm, a vein is exposed, and two ligatures passed under the free portion; the distal end is tied, a longitudinal incision is made in the vein, and a glass cannula introduced, filled with saline solution, which is then fastened by means of the second ligature. This, and the pressure of the finger on the vessel, prevent the air from entering the veins. The cannula is then connected, by tubing, with the jar containing the whole quantity of the solution. Directly the finger is removed, the injection begins. No ill effects are seen. Dr. Weber relates an instance in which this method was most valuable. He was called by a midwife to a married woman, aged 21, who was seized with post partum hemorrhage fifteen minutes after the birth of a putrid child. Dr. Weber arrived at 10.30 P.M., an hour after the hemorrhage had commenced. He found the uterus atonic, reaching to the umbilicus. Massage, hot injections, and hypodermic injections of camphor and ether were used, with some effect. The hemorrhage returning, he was called at 3 A.M., and after hot douches and ice-tampons, it again decreased; but cerebral anæmia appearing to an alarming extent, and the pulse being imperceptible, hot compresses were placed on the head, the lower extremities bandaged, and hypodermic injections administered every quarter of an hour. These proving unavailing, it was decided to try an intravenous saline injection. This was successfully administered; and, when 500 grammes had been given, hemorrhage ceased, and the patient, who had been conscious the whole time, experienced great relief. The pulse, too, became distinct. On 1,000 grammes being injected, the patient complained of palpitation, and the jar was lowered in order to lessen the pressure on the circulation. When 1,500 grammes had been injected, the pulse was perfectly good, and the cerebral and hemorrhagic symptoms disappeared. The patient felt completely invigorated, and took nourishment without vomiting. She continued to do well, and made an excellent recovery.

#### INVERSION OF THE UTERUS.

MR. WILLIAM DONOVAN (Erdington) writes:—The precept, strongly enforced on students of midwifery, "to follow down the uterus with the hand as it empties itself, during the third stage of labour," is not one of unmixed good. More especially in multiparae, we are told that is a preventive of post partum hemorrhage. After seventeen years of constant midwifery practice, our correspondent cannot recall one case of serious post partum hemorrhage, and he does not make it a rule to follow down the uterus. He has been called in to two cases of inversion. In one case, he saved the woman's life, and in the second, the woman had succumbed before he could reach her. Both cases were due to unskilled attempts to remove the placenta. He does not agree with the opinion that inversion can occur spontaneously. There must be some amount of bulging in of the fundus, either the result of traction on the funis, or of external pressure, such as would be used in "following down the uterus," or in "expressing the placenta," two methods, in his opinion, dangerous and unscientific. If the placenta do not follow in due course, it should be removed by introducing the hand into the vagina, grasping the placenta, and allowing the uterus to expel both as it will, if left to itself. The act of introducing the hand, with, perhaps, a little friction outside, is quite enough to cause contraction. The method adopted by practitioners of making pressure over the fundus to assist uterine action, is also carried too far, and is a factor in subsequent uterine troubles. The indiscriminate and wholesale use of ergot of rye is still more injurious.

#### HEREDITY IN DEFORMITIES, AND OTHER ANOMALIES.

DR. W. CURRAN writes:—The following petition was hawked about more than one of the military stations in which I served in India; and as its production here may help to throw some light on the occurrence, in certain families, of club-footedness, left-handedness, and other hereditary anomalies of that kind, I give it for what it may be worth. I examined two or three of the members of this family, but could detect no abnormality in either of them, and yet I do not think there was any collusion or imposture in the case. "Petition! Pity the Poor blind and Dumb. The bearer of this certificate begs most respectfully to request charity on behalf of herself and five brothers, all dreadfully afflicted, viz., two blind and one lame, and another besides herself dumb, in consequence of which afflictions, they are totally unfit for manual labour, and therefore are compelled to subsist on any charitable donations it may please any kind lady or gentleman to give the bearer. Hoping that the charitably disposed will not turn a deaf ear to this petition, I promise the constant prayers of my family for the welfare of the charitable."

The following has come to hand since the above, and is, I believe, like that, perfectly authentic. As such, it deserves, I think, a record.

"The Honble Sardars and Gentlemen—The humble petition of 5 deaf and dumb brothers and two blind sisters one family of the Norther Division, most humbly sheweth—that your humble petitioners are on the surface of the Globe without any means of support. Your petitioners therefore begs that these grievance should be taken with consideration, and their wants be supplied, for which act of charity your petitioners as in duty bound shall ever pray."

GRATUITOUS VACCINATORS AND LOCAL GOVERNMENT BOARD LYMPH. QUERRENS joins with "Public Vaccinator" in complaining of the injustice of medical men vaccinating gratuitously. He can see but two reasons which would induce men to do so, and both are alike contemptible. It is either done as a form of "senting" for patients, or to deprive the Public Vaccinator for the district both of his miserably small fee, and of the chance of getting the Government award, for which a certain percentage must be shown. If one of the recognised leaders of the profession could only be induced to take the lead, it might be possible to get an expression of feeling on the subject from the general body of the profession at the forthcoming meeting of the Association at Brighton next August. Querrens adds, in relation to "Nemo's" letter (JOURNAL, April 24th, p. 804), complaining of the quality of lymph as sent by the National Vaccine Establishment, that, where he lives, it is believed one-half the number of tubes sent are filled with *aqua pura*, the other half with fairly good vaccine matter.

J. O. HORDEN, M.B. (West Hampstead) endorses every syllable of "Nemo's" complaint. He has applied for lymph on more than one occasion, and found it, as "Nemo" says, "inert and worthless."

J. L. BROWN, L.R.C.P., writes: If "Nemo" will always get lymph on ivory-points, instead of capillary-tubes, he will rarely, if ever, fail. At least, this is Mr. Brown's experience of the lymph supplied to him from the Local Government Board for several years past.

#### COMMUNICATIONS, LETTERS, etc., have been received from:

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#### BOOKS, ETC., RECEIVED.

A Manual of Medical Jurisprudence. By Alfred Swayne Taylor, M.D., F.R.S. Eleventh Edition. Edited by Thomas Stevenson, M.D. London: J. and A. Churchill. 1886.

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