

ASSOCIATION INTELLIGENCE.

COUNCIL.

NOTICE OF MEETING.

A MEETING of the Council will be held in the Council Room of the Association, at No. 429, Strand (corner of Agar Street), London, on Wednesday, the 10th day of July next, at 2 o'clock in the afternoon.

FRANCIS FOWKE, *General Secretary.*

June 13th, 1889.

NOTICE OF QUARTERLY MEETINGS FOR 1889.

ELECTION OF MEMBERS.

MEETINGS of the Council will be held on July 10th, and October 16th, 1889. 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 20th, and September 26th, 1889.

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.

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.

THE series of Maps forming the Report of the Collective Investigation Committee on the GEOGRAPHICAL DISTRIBUTION OF RICKETS, ACUTE RHEUMATISM, CHOREA, CANCER, AND URINARY CALCULUS are deposited in the Library of the Association, and are open to the inspection of members. A descriptive commentary appeared in the JOURNAL of January 19th, 1889.

An inquiry into the ORIGIN AND MODE OF PROPAGATION OF EPIDEMICS OF DIPHTHERIA is in progress.

Memoranda and forms for communicating observations may be had on application to the Secretary of the Collective Investigation Committee, 429, Strand, W.C.

GRANTS FOR SCIENTIFIC RESEARCH.

THE Scientific Grants Committee of the British Medical Association desire to remind members of the profession engaged in researches for the advancement of medicine and the allied sciences, that they are empowered to receive applications for grants in aid of such research. Applications for sums to be granted at the next annual meeting should be made without delay to the General Secretary, at the office of the Association, 429, Strand, W.C. Applications must include details of the precise character and objects of the research which is proposed.

Reports of work done by the assistance of Association grants belong to the Association.

Instruments purchased by means of grants must be returned to the General Secretary on the conclusion of the research in furtherance of which the grant was made.

BRANCH MEETINGS TO BE HELD.

METROPOLITAN COUNTIES BRANCH (NORTH LONDON DISTRICT).—The annual meeting for the election of officers will be held at the RESTAURANT of the ZOOLOGICAL GARDENS on Saturday, June 22nd. The members and their friends will dine together at 6.30. The President of the Branch, Dr. C. Brodie Sewell, will preside, and will be supported by the President of the Council, Dr. Bridgewater, Dr. Bristow, C. N. Macnamara, F.R.C.S., Dr. E. Hooper May, W. Adams, Esq., and other members of Council. Tickets 7s. 6d., each, including entrance to the gardens. Morning dress. The band will play from 4 till 6. Members and friends intending to be present are requested to communicate with the Honorary Secretary before June 20th.—GEORGE HENTY, M.D.

YORKSHIRE BRANCH.—The annual meeting of the Yorkshire Branch will be held in the Medical School Leopold Street, Sheffield, on Wednesday, June 26th, at 3 P.M., when the ordinary business will be transacted, and the following papers read:—Mr. W. Makeig Jones: Short Notes of a case of Trichinosis. Dr. Adolf Bronner: On the Treatment of the Common Affections of the Lachrymal Apparatus. Mr. Charles Atkin: Fatal Aural Cases. Dr. Dyson: A case of Ulcerative Endocarditis. Mr. Arthur Jackson: Hospitals for Infectious Diseases.—ARTHUR JACKSON, Secretary, Sheffield.

SOUTH WALES AND MONMOUTHSHIRE BRANCH.—The annual meeting of this Branch will be held at the Hospital, Swansea, on Thursday, June 27th, 11.30 A.M. Council Meeting. 11 to 12. Light refreshments at the Hospital, by the kindness of local members. Noon, General meeting. 2 P.M. Brakes (tickets 2s. each) will leave the Hospital for Caswell and Langland. The Chairman (Mr. Richardson Francis) and Directors of the Langland Bay Company invite the members to inspect the new hotel and grounds. They will kindly provide light refreshments at the hospital at 5.30 P.M. 3 P.M. Picnic luncheon at Caswell Bay by the President. 6.30 P.M. Return to Swansea. There will be no dinner.—A. SHEEN, M.D., Cardiff; D. ARTHUR DAVIES, M.B., Swansea, Honorary Secretaries.

LANCASHIRE AND CHESHIRE BRANCH.—The fifty-third annual meeting of this Branch will be held in the Winter Gardens, Blackpool, on Wednesday, July 3rd, at 2 P.M. Mr. Bishop will read a paper on Congenital Club-Foot and its Treatment. Dr. Leech will make a communication on the Uses of Nitrous Ether. Mr. Hare will read a paper on Seats of Election in Amputation. Dr. Hill Griffith will mention a case of Sympathetic Disease after Removal of the Injured Eye. Dr. Shuttleworth will call attention to some of the Provisions of the Lunacy Acts Amendment Bill, specially those affecting the General Practitioner, and will move a resolution thereupon. The annual dinner will be held in the Winter Gardens after the meeting, tickets 7s. 6d. each (wine not included), for which early application should be made to Dr. Welch, Blackpool. A luncheon will be provided by the members of the profession in Blackpool and district from 1 to 2 P.M. before the meeting. Arrangements are in progress for excursions to Lytham and neighbourhood, and to Fleetwood by steamer.—CHARLES ED. GLASCOTT, M.D., Honorary Secretary.

SOUTHERN BRANCH: SOUTH-EAST HANTS DISTRICT.—The sixteenth annual meeting will take place at the White Hart Hotel, Salisbury, on Thursday, June 27th. The general meeting will be held at 1 P.M.; refreshment will be provided between 1 and 3 P.M. In accordance with the by-laws, two gentlemen will be elected at this meeting as representatives of the Branch on the Council of the Association for the ensuing year. The following communications are promised:—Brig.-Surg. C. H. Godwin: Treatment of Varicose Veins by the Injection of Carbolic Acid. Dr. W. Harman: A Case of Gall-Stones. Dr. Ward Cousins: New Antisepic Artificial Ear-Drum. Dr. Axford will open a discussion on the resolution of the Worcestershire, Herefordshire, and Gloucestershire Branches: "That the disproportionate growth of the out-patient department in all hospitals demands a general inquiry." The address will be delivered by the President-elect at 2.30 P.M. During the afternoon the members are invited to visit several places of interest in the locality. The dinner will take place at 6.30 P.M.—J. WARD COUSINS, Honorary Secretary.

SHROPSHIRE AND MID-WALES BRANCH.—The annual meeting for the election of officers and other business will take place at the Salop Infirmary, on Tuesday, June 25th, at 2 P.M. The annual dinner will take place after the meeting, at 5 P.M. Members wishing to read papers or bring forward subjects for discussion are requested to communicate with the undersigned.—ED. CURETON, Honorary Secretary.

NORTH OF IRELAND BRANCH.—The annual meeting of this Branch will be held in the Royal Hospital, Belfast, on Thursday, July 18th. Gentlemen who wish to bring any subject before the meeting will kindly communicate with the Secretary, JOHN W. BYERS, M.D., Lower Crescent, Belfast.

BORDER COUNTIES BRANCH.—The twenty-second annual meeting of this Branch will be held on Friday, July 12th, at Dumfries. The chair will be taken by the President, Dr. Robertson (Penrith), at 3.45 P.M. The usual election of office-bearers for the ensuing year will take place. The President-elect, Dr. Thomson (Dumfries), will deliver his presidential address. Notices of papers, patients, or specimens should be sent to the Honorary Secretary with out delay.—H. A. LEDIARD, Honorary Secretary, 41, Lowther Street, Carlisle.

WEST SOMERSET BRANCH.—The forty-sixth annual meeting of this Branch will be held at the Victoria Hall, Yeovil, adjacent to Pen Villa, the residence of the President-elect, W. A. Hunt, Esq., on Thursday, July 4th, at 2 P.M. Mr. Hunt very kindly invites members of the Branch to lunch with him at one o'clock, before the business commences. Business: 1. Minutes; 2. report of Council; 3. Treasurer's report; 4. election of officers for the ensuing year; 5. settle as to place of meeting and President-elect for 1890; 6. President's address; 7. exhibition of Maps by Dr. Isambard Owen, Secretary of the Collective Investigation Committee, showing the Geographical Distribution of Rickets, Acute and Subacute Rheumatism, Chorea, Cancer, and Urinary Calculus¹; 8. papers and communications. It is proposed, if a party can be made up, to arrange for an excursion, leaving Yeovil about 4 o'clock, and driving through beautiful scenery to Ham Hill. After viewing the Roman Camp and Stone Quarries on the Hill, take tea, kindly offered at the residence of W. W. Walter Esq., and see his museum; then drive past Montacute House, and arrive at Montacute Station in time to catch the train which leaves Yeovil at 7.25 for Taunton and Bridgwater. Gentlemen wishing to accept the President's invitation to lunch or to join the excursion are requested to write and let Mr. Hunt know not later than Monday, July 1st (sooner if possible), so that due preparation may be made. Anyone wishing to read a paper or bring forward any communication should give notice of its title to W. M. KELLY, M.D., Honorary Secretary, Taunton.

SOUTH-EASTERN BRANCH.—The forty-fifth annual meeting of this Branch will be held at the Queen's Hotel, Eastbourne, on Wednesday, June 26th, at 2 o'clock precisely. The President-elect invites members and their friends to luncheon at his residence, 22, Grand Parade, from 12.30 P.M. to 2 P.M. After the meeting at 3.15 P.M. members are invited to join (1) an excursion to Beachy Head and Belle Tout Lighthouse, calling at All Saints' Convalescent Hospital, (2) a trip to sea in a pleasure steamer (wind and weather permitting). Dinner will be served at 6.15 P.M. at the Queen's Hotel; tickets (exclusive of wine), 6s. 6d. each.—CHARLES PARSONS, M.D., Honorary Secretary, 2, St. James' Street, Dover.

¹ See JOURNAL, January 19th, 1889, p. 113.

SOUTH EASTERN BRANCH: WEST KENT DISTRICT.—The next meeting of the above District will be held at St. Bartholomew's Hospital, Chatham, on Friday, July 5th, at 3.30 P.M., Dr. J. V. Bell, President of the Branch, in the chair. The dinner will take place at the Bull Hotel, Rochester, at 6.30 P.M.; charge, 6s. 6d., exclusive of wine. To facilitate the arrangements, gentlemen who intend to dine are particularly requested to signify their intention to the Chairman, Dr. J. V. Bell, Star Hill, Rochester, not later than July 3rd. All members of the South-Eastern Branch are entitled to attend this meeting and to introduce friends. Papers to be read:—1. Dr. A. Packman: (a) Notes of a case of Pulsating Tumour of the Orbit: spontaneous cure; (b) Notes of a case of Ununited Fracture of the Thigh of over fifty years' standing. Exhibition of these patients. 2. F. B. Jessett, Esq.: A Novel Mode of Operating on the Intestine for Intestinal Obstruction. 3. A. W. Nankivell, Esq.: The Employment of Plaster-of-Paris in the Treatment of Fractures of the Lower Extremity. A. W. NANKIVELL, F.R.C.S., Honorary Secretary of the District, St. Bartholomew's Hospital, Chatham.

BATH AND BRISTOL BRANCH.—The annual meeting of the above Branch will be held on Wednesday, June 26th, 1889, at the Museum and Library, Bristol, at 4.30 P.M., when J. Hinton, Esq., will resign the chair to W. Johnstone Fyfe, M.D., President-elect. The business of the meeting will be to receive the report of the Council, to elect the officers of the Branch, to transact the necessary business, and to discuss such subjects connected with the interest of the Branch and of the profession as may be brought before it. The Congratulatory Address from the Branch in connection with the recent lunacy action will be presented to Dr. Marshall and Dr. Shaw by the President. Dr. Marshall will propose the following alterations of the Rules:—Rule VI.—To omit the words “one-third of whom shall retire annually, by rotation, eligible for re-election,” and substitute “one-fourth of whom shall retire annually, by rotation, who shall not be eligible for re-election for that year.” Rule VII.—To alter to make it stand thus: “That the meetings of the Branch shall consist of not less than six ordinary meetings, one or two of which shall be for discussion of special subjects to be chosen by the Council. These ordinary meetings shall be held in Bath on the last Thursdays of November, February, and April, and in Bristol on the last Wednesdays of October, January, and March, subject to the discretion of the Council. The annual meeting, and any additional ordinary meetings, shall be held at such time and place as shall be fixed by the Council.” Rule VII*.—“The General Council shall meet previous to the annual meeting, and before the first ordinary meeting of the session, and at such other times as called by the President, or on a requisition addressed to him by three members of the Council. The Bath and the Bristol sections of the Council respectively shall meet previous to each ordinary meeting to be held in their District, and shall make the arrangements for such meeting. Rule VIII.—To omit the following words: “the communications being read in the order in which notice has been received by the Secretaries.” Members having any communications for the meeting are requested to give notice of them to the Secretaries not later than June 22nd. The Secretaries will feel much obliged if members will kindly send them notice of any alterations in their diplomas or addresses. There are five vacancies in the Local Council for the Bristol District—G. F. Burder, M.D., N. C. Dobson, C. H. Collins, A. Prichard, and J. Beddoe, M.D., the retiring members, being eligible for re-election; and four for the Bath District—R. S. Fowler, H. Hensley, M.D., A. W. Fox, M.B., and A. B. Brabazon, M.D., being eligible for re-election. The attention of the members is called to the mode of voting for the Local Council, whereby they will vote only for the vacancies in their own District. Members are requested to write the names of those they wish to ballot for on the voting paper, but not to insert more than the proper number of names, as otherwise the nomination paper will be invalid. The voting paper with the names so marked is to be returned to the Secretaries on or before Thursday, June 20th. N.B.—Members who have not paid their subscriptions are requested to do so immediately to the Local Secretaries, in order that the accounts may be made up before the anniversary meeting of the Association. The dinner will be held at the Clifton Down Hotel, Clifton, at 6.30 P.M. Dinner tickets (including ice and dessert), 7s. 6d. each. The wines will be served at moderate charges. N.B.—The Bristol Secretary particularly requests that members will inform him, by Saturday, June 22nd, whether it is their intention to be present at the dinner. By so doing they will greatly facilitate the satisfactory completion of the necessary arrangements.—E. MARKHAM SKERRITT, Honorary Secretary for the Bristol District, Thornton House, Richmond Hill, Clifton; R. J. H. SCOTT, Honorary Secretary for the Bath District, 13, Bladud Buildings, Bath.

BERMUDA BRANCH.

THE annual meeting was held on May 18th, Dr. CHARLES H. BUTTERFIELD being in the chair.

Death of the Late President.—Dr. ELDON HARVEY, the Secretary, stated there had not been any meetings for some months, in consequence of the illness and death of Dr. Park B. Tucker, late President of the Branch.

Accounts.—The accounts of the Association were laid on the table and passed.

Officers.—Deputy Surgeon-General T. W. Wade, Principal Medical Officer, President for the ensuing year; Dr. Charles H. Butterfield, Vice-President; Dr. Eldon Harvey, Secretary and Treasurer.

New Cottage Hospital.—Plans of the new cottage hospital, now being erected, were laid on the table.

Communications.—Dr. ELDON HARVEY demonstrated an Easy Method of Administering Nitrous Oxide Gas, followed by Ether, with a Clover's Apparatus.—Surgeon-Major MILLER, M.S., read a paper on Weil's Disease, which will be published.

Votes of Thanks.—The usual votes of thanks closed the meeting.

EAST YORK AND NORTH LINCOLN BRANCH.

THE thirty-third annual meeting of this Branch was held in the Royal Infirmary, Hull, on May 29th, at 2 P.M. Thirty-six members

and visitors were present. Dr. MERSON, the new President, having taken the chair, the minutes and Report of the Council were read.

Report of Representative of Branch.—Mr. DIX reviewed the events of the year, referring to the publication of the “script” of the late Emperor in the JOURNAL, and its universal condemnation by the profession, and the very tardy acknowledgment of wrong that was sent to Professor von Bergmann. He also spoke of the recent agitation against the present management of the JOURNAL, and of the way in which it had been met.

Election of Council.—President: J. Merson, M.D.; President-Elect: E. O. Daly, M.A., M.D.; Ex-President: J. F. Nicholson, M.D.; Vice-Presidents: E. H. Howlett, J. Sherburn, M.B.; Secretary: E. P. Hardey; Representative of Branch: J. Dix; Representative on Parliamentary Bills Committee: R. H. B. Nicholson. Other Members of Council.—T. M. Evans, D. Lowson, M.D., H. W. Pigeon, M.B., C. H. Milburn, M.B., W. Stephenson, H. Thompson, W. J. Lunn, M.D., W. C. Rockliffe, M.D.

President's Address.—The other business of the meeting having been transacted, the PRESIDENT delivered his address on the Treatment and Care of the Insane. He proposed to examine some of the proposals of the Bill now before the House of Commons. A comparison between the past and present administration of the lunacy laws was apparently very gratifying. If success was to be measured by the present character of the asylums, and the amount of material comfort secured to the inmates, then it was indeed great; but if by the number of cures effected, and by the diminution of the number of the chronic insane, then there was little room for exultation. Asylums went on multiplying, the chronic insane increased in numbers, and the proportion of cures was not materially greater than it was forty or fifty years ago. He then went on to describe the Bill as the outcome of an agitation against the powers granted by the present lunacy laws. The public mind was agitated by a sense of insecurity and distrust, for which he did not believe there was any real reason. The short title of the Bill bore witness to this feeling, although it was also true that protection of medical men was mentioned. Mere protection clauses would do good to medical men, but he thought the good to the patients would be more than counterbalanced by the legal obstacles proposed. These he described at length. His own increasing experience convinced him that the most important thing was to place the patients in the most favourable circumstances at the earliest possible moment. The present system did not secure this result, for reasons which he explained. The plan which recommended itself to him was the establishment of preliminary hospitals, either as departments of general hospitals, or otherwise, on a purely medical basis, under the supervision of independent medical inspectors. He believed this plan would reassure the public mind, and would offer to all those who were afflicted a chance of early treatment.

Vote of Thanks.—A vote of thanks to the President was passed unanimously.

Pathological Specimens.—Mr. R. H. B. NICHOLSON showed Hydatids of the Kidney, with cysts in the urethra and ureter.—Dr. PIGEON showed for Dr. SHERBURN a Periosteal Sarcoma of the Humerus.

Communications.—The following communications were made:—Mr. HOWLETT: A further communication on Post-prostatic Puncture of the Bladder.—Mr. THOMPSON: (1) Caries of Vertebrae; Compression of Cord; Resection of Vertebrae; Recovery. (2) Urethral Polypus with Occlusion of Urethra; Excision with Formation of New Urethra; Urinary Fever, Median Cystotomy; Recovery with full-sized Urethra and Perfect Control. (3) Popliteal Aneurysm; Ligature of highly-atheromatous Femoral Artery by Double Ligature, with Division of the Vessel between. (4) Suprapubic Cystotomy for (i) Calculus; (ii) Tumour.—Mr. KEETLEY: Cancer of the Testicle, in a youth aged 19, requiring Removal.

Dinner.—In the evening there was the usual dinner at the Vittoria Hotel.

SOUTH MIDLAND BRANCH.

THE thirty-fourth annual meeting was held at the General Infirmary, Northampton, on June 13th; thirty members and friends being present.

Election of Officers.—Mr. John Crew, Higham Ferrers, President; Dr. Bower, Bedford, President-elect for 1890-91; Mr. J. H. Hemming, Kimbolton, Branch Representative on General Council and on Parliamentary Bills Committee. The members of the Com-

mittee of Management, the Honorary Treasurer, and Honorary Secretary were re-elected.

New Members.—Mr. J. Paul Roughton, Kettering; Mr. T. Arnold Durrant, Northampton Infirmary; Mr. W. G. Rutherford, Han-slope, were elected members of the Association and Branch; and Mr. Fras. W. Clark, Luton, of the Branch only.

President's Address.—The PRESIDENT delivered an address, dealing more especially with the early symptoms of disease.

Communications.—Dr. ISAMBARD OWEN, London, exhibited and explained his Maps forming the Report of the Collective Investigation Committee on the Geographical Distribution of Acute Rheumatism, Chorea, Rickets, Cancer, and Urinary Calculus in the British Islands.

Cases.—Dr. JONES introduced some patients from the wards of the Infirmary, with card cases, specimens, photographs, etc., illustrating Myxedema, Muscular Atrophy, Hypertrophy, Spastic Paralysis, etc.—Mr. R. A. MILLIGAN read a case, showing the patient, in which he was obliged to open the metacarpophalangeal joint of the index finger, in order to reduce a dislocation; very good motion of the joint being preserved.

Ventnor as a Health Resort.—Mr. R. W. WATKINS read notes on Ventnor and the Undercliff as a Winter Resort for Pulmonary Invalids. He mentioned the geological and meteorological features of the district, giving his personal experience. He preferred it in such cases to other watering places on the South Coast.

Medical Tariff.—Mr. W. H. BULL gave notice of his intention to bring forward, at the next annual meeting, the subject of a "Medical Tariff" for the South Midland Branch.

Mead Fund.—The sum of two guineas was voted from the funds of the Branch towards the "Mead Reparation Fund," in response to the appeal of Dr. Beckett and Dr. Barnes, Presidents of the Cambridgeshire and Huntingdonshire and East Anglian Branches.

Future Meetings.—It was decided to hold the next autumnal meeting of the Branch at Higham Ferrers in the month of October; and the annual meeting in 1890 at Bedford.

Votes of Thanks.—The usual votes of thanks were passed to the Ex-President for his services during his year of office, to the President for his address, and to the readers of papers and cases, especially Dr. Isambard Owen.

Luncheon.—Previously to the meeting an excellent luncheon was provided at the Peacock Hotel, at which twenty-six members and friends sat down.

Medical Etiquette.—Earlier in the day a meeting of the Committee of Management (at which nearly every member of the Committee was present) was specially convened to consider a question brought before it which had reference to the ethics of club practice, and the following resolution was passed:—"The Committee of Management of the South Midland Branch is decidedly of opinion that, when the only question at issue in regard to a club is the amount of annual payment per member, it is contrary to the rules of medical etiquette and general good feeling for one medical man to supersede another. The Committee regrets to observe that, in the case under consideration, this very obvious rule appears to have been disregarded."

GLoucestershire Branch.

The annual meeting was held at the Queen's Hotel, Cheltenham, on Tuesday, May 21st at 4.30 p.m. Letters of apology for absence were read from the President (C. J. Bennett, Esq.), Drs. Batten, Bond, and others.

Chairman.—It was proposed by Mr. ELLIS, and seconded by Mr. SMITH, "That Dr. Rooke do take the chair." Carried.

The minutes of the last meeting were read and confirmed.

Officers, etc.—It was proposed by Mr. ELLIS, and seconded by Mr. F. A. A. SMITH, "That Dr. Soutar and Mr. Bower be asked to again act as Scrutineers for the coming year. Carried. Proposed by Mr. ELLIS, seconded by Dr. CULLEN, "That Dr. Needham be re-elected as the Representative on the Council of the British Medical Association and on the Parliamentary Bills Committee." Carried. The following were elected as officers of the Branch for the ensuing year (1889-90): *President*, H. E. Waddy, (Gloucester); *Honorary Secretary*, G. Arthur Cardew (Cheltenham); *Members of Council*, Drs. Needham (Gloucester), Gooding (Cheltenham), Soutar (Gloucester), Walters (Stonehouse).

The Hospital Question.—A discussion took place on the two following resolutions passed at the conjoint meeting of the Gloucestershire, Worcestershire, and Herefordshire Branches: 1. "That the disproportionate growth of the out-patient department in all

hospitals demands a general inquiry, as well as the subject of provident dispensaries, medical aid associations, and sick clubs." 2. "That a copy of this resolution be sent to each Branch of the Association, with a request that they would report thereon to the Councils of these Branches." Dr. WILSON proposed that a committee be appointed to inquire into the working of out-patient departments of hospitals, provident dispensaries, etc.; but it was not seconded.—Dr. NEEDHAM proposed, and Mr. CRIPPS seconded, the following resolution: "That this Branch regrets the extent to which the resources of the hospitals, which are intended for the relief of the poor, are taken undue advantage of by persons above that class who are able without difficulty to pay for medical attendance, and it recommends that the attention of the hospital authorities of the country be directed to this subject, with a view to a remedy being provided at the institutions themselves. With reference to the other institutions mentioned in the resolutions of the conjoint meeting, this Branch considers that the remedy is in the hands of the medical profession itself, which can regulate the terms upon which medical men are employed by provident dispensaries, medical aid associations, and sick clubs, and without whose co-operation no practical remedy can take place." A long discussion ensued, in which Drs. ROOKE, WILSON, MACARTNEY, CRIPPS, and others took part, and eventually the resolution was withdrawn, and the following, proposed by Dr. MACARTNEY and seconded by Dr. WILSON, was carried: "That the subject be adjourned to the next meeting in November."

Fracture of Spine.—Mr. CARDWELL read the history of two cases of fracture of the upper portion of the spinal column; the first case being one of extensive injury to the two lower cervical, and three or four upper dorsal vertebrae, accompanied with paralysis of the upper extremities, followed by almost complete recovery. The second case was an injury to the seventh cervical vertebra, and the parts in the immediate neighbourhood, due to a football accident. This man had no symptoms of injury to the spinal cord, and with absolute rest in a poroplastic case surrounding the body, with a jury mast for the head and neck, was apparently getting well, when he developed, two months after the accident, meningitis, from which he died.

MIDLAND BRANCH.

The annual meeting was held at the Infirmary, Leicester, on Thursday, June 13th, under the presidency of Mr. WILLAN. About fifty members were present.

Officers and Council.—Mr. Sympson and Dr. Webb were elected as the Branch representatives on the General Council. Dr. Marshall was elected Vice-President for Nottinghamshire, and Dr. Webb Vice-President for Derbyshire. In the Branch Council Mr. Hatherly replaced Dr. Marshall for Nottinghamshire, and Dr. Greaves replaced Mr. Rice for Derbyshire. Mr. Pilcher (Boston) was chosen as President-Elect. The Honorary Secretaries and Treasurer were re-elected.

New Members.—Dr. E. M. Sympson, Dr. Michie, Dr. Roberts, Mr. J. H. Pounds, and Dr. R. C. Stewart were elected members of the Branch.

President's Address.—Mr. WILLAN gave an address on Typhoid Fever.

Communications.—The following papers, etc., were presented:—Dr. GOODHART: Transient Glycosuria. Dr. NEWMAN: (1) Specimens of Symmetrical Ovarian Tumours; Ovariectomy; Recovery. (2) Short Remarks on Ringworm, transmitted from Animals to Man.—C. J. BOND, F.R.C.S.: On Suprapubic Cystotomy for the Removal of Stone, and for the Relief of Retention from Stricture and Rupture of the Bladder, with Remarks on the Treatment of the Bladder Wound.—Dr. POPP: Cases with short notes—Friedreich's Disease; Lateral Sclerosis with Cerebral Syphilis; General Paralysis without Mental Symptoms.—Dr. HANFORD: The Relation of Arterial Hypoplasia to Cardiac Disease.

Luncheon and Dinner.—The President entertained the members at luncheon, and after the meeting about twenty-five dined at the Royal Hotel.

QUEEN'S COLLEGE, CORK.—The following prizes have been awarded:—Zoology: William McMath, W. Towntree. Botany: (Certificate of Honour) Kevin Byrne. Practical Anatomy: D. J. McCarthy, W. H. Garde, W. Shannon. Midwifery: John Hennessy and Ernest Eames. Exhibition in Practical Midwifery: J. Hennessy. Forensic Medicine: J. Hennessy.

BRITISH MEDICAL ASSOCIATION.

FIFTY-SEVENTH ANNUAL MEETING.

THE fifty-seventh Annual Meeting of the British Medical Association will be held at Leeds, on Tuesday, Wednesday, Thursday, and Friday, August 13th, 14th, 15th, and 16th, 1889.

President: Professor W. T. Gairdner, M.D., LL.D., Professor of Medicine in the University of Glasgow.

President-elect: C. G. Wheelhouse, F.R.C.S., J.P., Consulting Surgeon, Leeds General Infirmary, Hillary Place, Leeds.

President of the Council: Thomas Bridgwater, M.B., LL.D., Harrow-on-the-Hill.

Treasurer: Constantine Holman, M.D., Reigate.

An Address in Medicine will be delivered by J. Hughlings Jackson, M.D., LL.D., F.R.S., Physician to the London Hospital, and to the National Hospital for Paralysed and Epileptic, Queen Square, W.C.

An Address in Surgery will be delivered by T. Pridgin Teale, M.B., F.R.C.S., F.R.S., Consulting Surgeon to the Leeds General Infirmary, Leeds.

An Address in Psychology will be delivered by Sir J. Crichton Browne, M.D., LL.D., F.R.S., Lord Chancellor's Visitor in Lunacy London.

A. MEDICINE.—*President:* John Edwin Eddison, M.D. *Vice-Presidents:* Charles Parsons, M.D.; Robert Saundby, M.D. *Honorary Secretaries:* Alfred George Barrs, M.D., 22, Park Place, Leeds; Theodore Dyke Acland, M.D., 7, Brook Street, Grosvenor Square, W.

The proceedings of this Section will be opened by the President on Wednesday, August 14th, at 10 A.M., after which Dr. R. Douglas Powell will read a paper on The Clinical Aspects of Chronic Tubercular Diseases of the Serous Membranes and their Treatment. Sir Andrew Clark, Drs. Coupland, Vincent Harris, Roberts, Samuel West, Churton, Cheadle, Handford, More Madden, and Burney Yeo have promised, if possible, to take part in the discussion.

On Thursday, August 15th, a paper will be read by Sir W. Roberts on the prognosis of Cases of Albuminuria, with Special Reference to Life Insurance. Drs. Goodhart, Maguire, Pavy, Pye-Smith, Ralfe, Rabagliati, C. R. Drysdale, Robert Barnes, DeHavilland Hall, N. Tirard, Joseph Ewart, and Saundby hope to take part in the discussion.

The following papers are promised.

CHURTON, T., M.D.

DRYSDALE, C. R., M.D. The Alleged Rarity of Phthisis among the Jews in London.

HANDFORD, H., M.D. On the Relations of Arterial Hypoplasia to Cardiac Disease.

LITTLE, J. Fletcher, M.B. The Modern Treatment of Palsies.

MADDEN, T. More, Esq. Clinical Experiences of the Chronic Tubercular Diseases of Childhood.

PEARSE, T. F., Esq. The Use and Abuse of Soap.

TIRARD, N., M.D. Peptonuria and the Fehling Test.

B. SURGERY.—*President:* Thomas Richard Jessop, F.R.C.S. *Vice-Presidents:* Edward Atkinson, M.R.C.S.; Arthur F. McGill, F.R.C.S.; Henry Morris, F.R.C.S.; *Honorary Secretaries:* Arthur W. Mayo Robson, F.R.C.S., Hillary Place, Woodhouse Lane, Leeds; Edward Ward, M.B., 22, Park Place, Leeds.

Arrangements have been made in this Section for the consideration of four special subjects, and the gentlemen whose names are appended have promised, if possible, to take part in the discussions.

The President of the Surgical Section will give an Opening Address on the Treatment of Cancer of the Rectum. The following gentlemen will take part in the discussion:—Dr. Ball (Dublin), Mr. Mitchell Banks (Liverpool), Mr. Bond (Leicester), Mr. Bryant (London), Mr. Harrison Cripps (London), Mr. Christopher Heath (London), Mr. Whitehead (Manchester), Dr. Alexander (Liverpool), Mr. H. Allingham (London), Mr. Alfred Cooper (London), Dr. Ward Cousins (Southsea), Mr. Vincent Jackson (Wolverhampton), Mr. Jordan Lloyd (Birmingham), Mr. F. Marsh (Birmingham), Dr. James Murphy (Sunderland), Mr. Bennett May (Birmingham), and Mr. F. B. Jessett (London).

Mr. Henry Morris will open a discussion on the Surgery of the

Kidney. Professor Annandale (Edinburgh), Mr. Rickman Godlee (London), Mr. Bennett May (Birmingham), Dr. Newman (Glasgow), Mr. Lawson Tait (Birmingham), Mr. Bruce Clarke (London), Mr. Keetley (London), Mr. Kendal Franks (Dublin), Mr. E. Lawrence Knaggs (Huddersfield), and Mr. Edmund Owen (London) will take part in the discussion.

Mr. Frederick Treves will open a discussion on The Surgical Treatment of Typhilitis after the discussion on Renal Surgery.

Mr. A. F. McGill will open a discussion on the Treatment of Retention of Urine from Prostatic Enlargement. Mr. Edward Atkinson (Leeds), Mr. A. E. Durham (London), Mr. Reginald Harrison (Liverpool), Mr. Berkeley Hill (London), Mr. Bruce Clarke (London), Dr. Ward Cousins (Southsea), Mr. Vincent Jackson (Wolverhampton), Mr. Jordan Lloyd (Birmingham), Mr. Bennett May (Birmingham), and Mr. W. Whitehead (Manchester) will take part in the discussion.

The following further papers are announced.

ADAMS, W., Esq. (London). On the Successful Treatment of Cases of Congenital Displacement of the Hip-joint by Complete Recumbency with Extension for two years.

ALEXANDER, W., M.D. (Liverpool). The Surgical Treatment of Epilepsy.

BISHOP, E. Stanmore (Manchester). 1. Some Points in the Technique of Morton's Operation for Spina Bifida. 2. Will show a Splint Cradle for Excision of the Hip-joint and Osteotomy.

CRIPPS, HARRISON, Esq. (London). A Series of Cases of Cancer of the Rectum treated by Excision or Colotomy.

HERN, John, M.D. (Darlington). The Advisability of Aspiration of the protruded Gut in Recently Strangulated Hernia, with Notes of Cases.

JONES, Robert, Esq. (Liverpool). 1. The Treatment of Joint Disease by Prolonged fixation. 2. The Treatment of Certain Cases of Peri-rectal Abscess by Partial Removal of the Sacrum.

KEETLEY, C. B., Esq. (London). Compression of the Abdominal Aorta by an Instrument passed through a Small Opening in the Anterior Wall of the Abdomen.

KELLEN, Otto E., M.D. (London). Trephining in a Case of Actinomycosis of Brain.

LLOYD, Jordan, Esq. (Birmingham). Abdominal Section for Acute Intestinal Obstruction.

OWEN, Edmund, Esq. (London). The Probable Future of Arthroectomy.

PEARSE, T. Frederick, Esq. (London). The Treatment of Empyema.

ROBSON, A. W. Mayo (Leeds). 1. Two Hundred Consecutive Cases of Abdominal Section, with remarks. 2. Successful Case of Cholecystenterostomy for Biliary Fistula. Patient shown.

SINK, J. F. W., M.D. (London). Ether as an Adjunct to Nitrous Oxide Anæsthesia in Minor Surgery; with some general remarks upon Ether Narcosis and the teaching of Anæsthetics.

SPICER, SCAMES, M.D. Note on a Case of Progressive Induration of Cervical Glands Simulating Malignant Disease, but readily yielding to the Treatment of Chronic Post-Nasal Catarrh.

STOKES, Sir Wm. Thyrotomy in the Treatment of Laryngeal Cancer.

C. OBSTETRIC MEDICINE AND GYNAECOLOGY.—*President:* Charles J. Cullingworth, M.D. *Vice-Presidents:* James Braithwaite, M.D.; J. W. Byers, M.D. *Honorary Secretaries:* F. Hall, M.D., St. Mark's House, Leeds; Peter Horrocks, M.D., 9, St. Thomas's Street, S.E.

Dr. Braxton Hicks will open a discussion on the treatment of Placenta Prævia. Drs. Robert Barnes, Gervis, Aust Lawrence, Malins, Playfair, Priestley, Macnaughton Jones, Robert Bell, William Walter, Wallace, and Messrs. Hall and Wright are expected to take part in the discussion.

Dr. Herman will open a discussion on Corporeal Endometritis its Frequency, Diagnosis, and Treatment. Drs. Braithwaite, Byers, Halliday Croom, Gervis, Aust Lawrence, Playfair, Robert Bell, William Walter, Priestley, Wallace, Macnaughton Jones, Aveling, and Messrs. Pridgin Teale and More Madden are expected to take part in the discussion.

The following further papers are announced.

ARMSTRONG, J., M.B. The Use of Antiseptics in Midwifery.

BELL, R., M.D. On the Relation of Endometritis to Ovarian Disease, and will also show some instruments.

HANDFIELD-JONES, M., M.D. On Cardiac Insufficiency in its Relation to Abortion.

MADDEN, T. More, Esq. On Some Points in the Treatment of Uterine Cancer.

WALTER, Wm., M.D. A Case of Total Extirpation of Uterus for Cancer.

D. PUBLIC MEDICINE.—*President:* Edward Ballard, M.D., F.R.C.P., F.R.S. *Vice-Presidents:* George Goldie, L.R.C.P. Edin.; Shirley F. Murphy, M.R.C.S. *Honorary Secretaries:* George Eastes, M.B., 35, Gloucester Place, Hyde Park, W.; Arthur Stopford Underhill, M.D., Great Bridge, Tipton, Staffs.

The following special subjects will be considered in this Section:

1. Medical Officers of Health: their Training, and the Conditions on which they should hold Office. The President of the Section will introduce this subject. Dr. John Brown (Bacup) and others have promised to take part in the discussion.

2. Disinfection and Isolation: with special reference to the

Control of Epidemics. Dr. C. H. Allfrey (St. Mary Cray) will read a paper on *The Management of Infectious Diseases in Hotels*. Dr. W. Squire will read a paper on *Disinfection and Isolation as necessary to the Control of Epidemics*. Dr. C. R. Drysdale (London) and Dr. Joseph Loane (London) will take part in this discussion.

3. *Town Refuse: its Treatment and Disposal. Excremental Matter: its Treatment and Disposal by other Methods than that of Sewers.* Dr. E. Slade-King (Ilfracombe) will read a paper on *Town Refuse: its Collection and Disposal in the Smaller Towns*. Dr. M. Greenwood, jun., will read a paper on *Dusting in our Large Towns*, and will take part in the discussion on *Town Refuse: its Treatment and Disposal*.

4. *Diseases and Injuries caused by Special Occupations: with reference to their Prevention.* Dr. T. Churton (Leeds) and Dr. J. B. Arlidge will take part in the discussion.

5. *Contamination of Drinking-water by Lead: its Causes and Prevention.* Dr. Sinclair White (Sheffield) will read a paper on this subject. Dr. John Brown (Bacup) and Dr. T. Churton (Leeds) will take part in this discussion.

The following further papers are announced:

ARLIDGE, J. B., M.D. *On Diseases in Some Occupations Produced by Noxious or Poisonous Dusts.*

CHURTON, T., M.D. (Leeds). *Results of Twelve Months' Systematic Inquiry into the Sanitary State of the Homes of Hospital In-patients.*

DRYSDALE, C. R., M.D. (London). *Class Mortality Statistics.*

E. PSYCHOLOGY.—*President*, D. Hack Tuke, F.R.C.P., LL.D. *Vice-Presidents*, W. Bevan Lewis, L.R.C.P.; Ringrose Atkins, M.D. *Honorary Secretaries*, John Greig McDowall, M.D., Menston Asylum, near Leeds; Robert Percy Smith, M.D., Bethlem Royal Hospital, S.E.

Presidential address, Dr. Hack Tuke, *The Past and Present Provision for Pauper Lunatics in Yorkshire*, introducing for discussion the question, *Ought the Future Provision for this Class to be on the Same Lines?*

The following papers are promised.

BULLEN, F. St. John, Esq. *An Analysis of 1,565 Post-Mortem Examinations of the Brain performed at the Wakefield Asylum during a period of eleven years.*

IRELAND, W. W., M.D. *The Double Brain and the Discordant Action of the Two Hemispheres in Insanity.*

ROBERTSON, George, M.D. *Melancholia from an Evolutionary and Physiological Point of View.*

SAVAGE, G. H., M.D. *Massage Treatment of Some Forms of Melancholia.*

SHUTTLEWORTH, G. E., M.D., and BEACH, F., M.B. *A Contribution to the Etiology of Idiocy.*

VOISIN, Professeur Aug. (of the Salpêtrière). *On the Use of Hypnotic Suggestion as a means of Treatment in the Insane, and the Results he has obtained by this Method.*

WARNER, Francis, M.D. *On Physical Development and Brain Faculty of Pupils as seen in Schools.*

WIGLESWORTH, J., M.D. *Note on Optic Nerve Atrophy Preceding the Mental Symptoms of General Paralysis.*

Other papers are promised by Drs. Fletcher Beach, Wiglesworth, and Sherrington.

F. PATHOLOGY AND PHYSIOLOGY.—*President*, Joseph Coats, M.D. *Vice-Presidents*, Thomas Churton, M.D.; De Burgh Birch, M.D. *Honorary Secretaries*, Ernest Henry Jacob, M.D., 12, Park Street, Leeds; T. Wardrop Griffith, M.D., 23, Park Square, Leeds.

A discussion on the subject of *Fever* will be opened by Dr. T. J. Maclagan. Dr. Gairdner, Dr. Dreschfeld, Dr. Handford, and Dr. Sims Woodhead will take part in the discussion.

The following further papers are announced.

COPEMAN, S. A. M., M.A. *The Detection of Human Blood.*

CROOKE, G. F., M.D. *The Histology of Bright's Disease.*

HANDFORD, H., M.D. *Visceral Changes in Enteric Fever.*

MOTT, F. W., M.D. *The Pathology of Cardiac Failure.*

WILLIAMS, Roger, Esq. *The Neoplastic Process from an Evolutional Stand-point.*

WOODHEAD, G. Sims, M.D.

The Pathological Museum will be held in the Chemical Laboratory of the Leeds School of Science (Mechanics' Institute). Dr. Beaven Rake will show a series of preparations illustrative of the various lesions of *Leprosy*.

G. OPHTHALMOLOGY.—*President*, George Anderson Critchett, F.R.C.S.Edin. *Vice-Presidents*, John Albert Nunneley, M.B.; George A. Berry, M.B. *Honorary Secretaries*, Gustavus Hartridge, F.R.C.S., 65, Green Street, Grosvenor Square, W.; R. N. Hartley, M.B., 29, Blenheim Terrace, Leeds.

Mr. Jonathan Hutchinson will open a discussion on the Treatment of *Glaucoma*. Messrs. Couper, Frost, Evan Jones, Green, Griffith, Hutchinson, Little, Mackinlay, Macnaughton Jones,

Prichard, Scougal, Sympson, Tweedy, Cant, and Lloyd Owen have promised to take part in the discussion.

The following further papers are announced.

BENSON, A. H., M.B. *Pulsating Tumour of Orbit cured by Digital Pressure.*

BERRY, G. A., M.B. *St. Petersburg Operation for Entropion and Trichiasis.*

BICKERTON, Thomas H., Esq. *Criticism of the various Tests for Colour-Blindness, with special reference to the Board of Trade Tests, and further examples of Defective Eyesight occurring in Sailors.*

BRONNER, Adolph, M.D. *will show a Hook for Removing Remains of Lens Capsule.*

CANT, W. J., Esq. *A Case of Paralysis of the Right External Rectus Muscle after Injury to the Left Temple (*contre coup?*).*

COLLINS, W. J., M.D. *The Composition of the Human Lens in Health and in Cataract, and its Bearing upon Operations for the latter.*

EMRYS-JONES, A., M.D. *The Value of Galvano-Cautery in the Treatment of Conical Cornea (6 cases).*

FORD, Vernon, Esq. *The Value of Peritomy in Ulcers of the Cornea, etc.*

HARTLEY, R. N., M.B. *will show 1. Modification of Sichel's Knife for Cataract Operations. 2. Cases of Soft Cataract treated by Suction. 3. Cases of Hard Cataract extracted without Iridectomy.*

HERN, John, M.D. *Scleroticis from Dental Irritation.*

HEWETSON, H. B., Esq. *1. Series of Cataract Operations without Iridectomy. 2. Series of cases of Interstitial Keratitis treated by Syndectomy.*

MONEY, Angel, M.D. *Sudden Transient Ocular Phenomena in Children.*

MULES, P. H., M.D. *Peripheral Neuritis of the Ophthalmic Division of the Fifth Nerve, and its Clinical Bearings.*

SNELL, Simeon, Esq. *Extraction of Cataract without Iridectomy.*

TEALE, T. Priddin, M.B. *Description of the Operation he employs for Extraction of Cataract without Iridectomy.*

THOMPSON, J. T., M.B. *1. A Note on a case of Superficial Keratitis induced by Aniline Violet. 2. Necrosis of Cornea from Contact with Crude Creasote.*

H. DISEASES OF CHILDREN.—*President*, Thomas Scattergood, M.R.C.S. *Vice-Presidents*, Richard Favell, M.R.C.S.; A. H. Carter, M.D. *Honorary Secretaries*, Walter Henry Brown, F.R.C.S.I., 19, Queen Street, Leeds; Angel Money, M.D., F.R.C.P., 24, Harley Street, Cavendish Square, W.

A discussion on the following subject will take place: The paralyses of the first two years of life. What is the relative frequency of paralysis from brain, cord, and nerve disease? What is the nature of the changes in the centres and nerves? This will probably be opened by the Honorary Medical Secretary. Papers will be read on the various forms of infantile paralysis: spastic paraparesis, congenital chorea, infantile palsy, and diphtheritic paralysis.

Surgical Portion.—Subject for discussion: The Surgical Treatment of the Various Congenital Malformations. Mr. Walsham and Mr. Morgan will take part in the discussion.

The following further papers are announced.

ASHBY, Henry, M.D. *A case of Softening of an Infant's Brain due to Vascular Obstruction. Also a case of Acute Polio-myelitis; death six weeks after the Acute Attack. The specimens will be shown.*

BROWN, John, M.B. (Bacup). *Unsuspected Lead-poisoning in Children.*

CHURCHILL, F. Esq. *Hare-lip Operations.*

MORGAN, J. H., Esq. *Congenital Malformations.*

SQUIRE, W., M.D. *Cases of Infantile Palsy, Spastic Paraparesis, and Diphtheritic Paralysis in Children.*

WALSHAM, W. J., Esq. *Ectopia Vesicæ.*

WARNER, F., M.D. *The Frequency of Coincidental Defects in Development as seen in Children.*

I. LARYNGOLOGY.—*President*, Henry T. Butlin, F.R.C.S. *Vice-Presidents*, Francis de Havilland Hall, M.D.; Richard A. Hayes, M.D. *Honorary Secretaries*, G. M. Macdonald, M.D., 47, Queen Anne Street, Cavendish Square, W.; Barclay J. Baron, M.D., 16, Whiteladies Road, Bristol.

The following subjects are proposed for special discussion:—

1. *Tonsillitis: its Varieties and Association with Rheumatism.*

2. *Perichondritis of the Larynx: its Etiology, Pathology, Symptoms, and Treatment.*

The following gentlemen have promised papers on these subjects: Dr. C. W. Haig-Brown, Dr. P. McBride, Dr. G. MacDonald, Dr. David Newman, Dr. Scanes Spicer; and the following will take part in the discussions: Dr. Dundas Grant, Dr. Hodgkinson, T. Mark Hovell, Esq., C. J. Lewis, Esq., Dr. S. Moritz, Dr. G. Hunter Mackenzie, Dr. Scanes Spicer, G. Eland Stewart, Esq., Dr. Archibald Garrod, and Dr. de Havilland Hall.

The following further papers are announced.

MACDONALD, Greville, M.D. *Empyema of the Maxillary Sinus, with an analysis of twelve cases.*

MACKENZIE, G. Hunter, M.D. *Cases of Infraglottic Laryngeal Disease: (1) a Web removed by Laryngotomy; (2) a Growth a Sequel of Acute Laryngitis.*

MORITZ, S., M.D. *A Case of Acute Rheumatic Bilateral Paralysis of the Adductors of the Vocal Cords.*

NEWMAN, David, M.D. *A Case of Laryngeal Carcinoma complicated by Chronic Pulmonary Tuberculosis, with remarks respecting the rare coincidence of these diseases.*

SPICER, R. H. Scanes, M.D. *Throat and Nose Affections in Children as Causes of Functional Nervous Disorders.*

STEWART, G. Eland, Esq. *Tonsillitis as a Cause of Abscess in the Neck.*

J. OTOTOLOGY.—*President*, George P. Field, M.R.C.S. *Vice-Presidents*, Frederick Morrisey Pierce, M.D.; Henry Bendelack Hewetson, M.R.C.S. *Honorary Secretaries*, Adolph Bronner, M.D., 33, Manor Row, Bradford; G. William Hill, M.B., 24, Wimpole St., W.

The following subjects are proposed for formal discussion:

1. The Causes, Varieties, and Treatment of Osseous Growths of the Ear.
2. The Influence of Diseases of the Nose and Pharynx on Affections of the Middle Ear.

3. The Diagnosis, with special reference to Localisation, of Intracranial Lesions the result of Aural Disease.

The first of these discussions will be opened by the President, Mr. G. P. Field, the second by the Vice-Presidents, Dr. F. M. Pierce and Mr. H. B. Hewetson, and the third by Mr. Cumberbatch and Dr. William MacEwen, of Glasgow; Dr. Hughlings Jackson, Dr. Broadbent, Professor Ferrier, and Professor Horsley will probably speak on the latter subject.

The following otologists have also intimated their intention of joining in one or more of the discussions: Clarence J. Blake, M.D. (Boston, U.S.A.), Professor Urban Pritchard, M.D. (London), H. Macnaughton Jones, M.D. (London), J. Dundas Grant, M.D. (London), W. R. H. Stewart, F.R.C.S.Ed. (London), Donald Stewart, M.D. (Nottingham), Dr. Charles Warden (Birmingham).

The following further papers are announced:

BRONNER, Adolf, M.D., Bradford. Notes on the Use of Menthol in the Local Treatment of Diseases of the Middle Ear; and will show (1) a Catheter for the Injection of Fluids, and (2) a Capsule for the Introduction of Vapours into the Middle Ear.

Cousins, J. Ward, M.D., Portsmouth. On a New Antiseptic Ear Drum. (Specimen shown).

DALBY, Sir Wm, M.B. (London) and SHEILD, Marmaduke, M.B. (London). On Treatment of Aural Exostoses.

DAVIS, Henry (London). On the question of Anaesthetics in Operations for Adenoid Growths of the Naso-Pharynx.

ELLIS, Richard, F.R.C.S.Ed. (Newcastle). On an Osseous Growth of the Auditory Meatus simulating a Foreign Body and Causing Deafness. (Removal with restoration of hearing. Specimen.)

GUYE, Professor (Amsterdam). On Aprosexia, being the inability to fix the attention, and other allied troubles in the cerebral functions caused by nasal disorders.

HARTLEY, R. N., M.B. (Leeds). Abscess of Right Temporo-Sphenoidal Lobe following Old Middle Ear Disease. (Trephined and drained: Recovery: Patient shown.)

HILL, William, M.B. (London). On some Causes of Backwardness and Stupidity in Children; and will show Intranasal Guards for the safer application of Chromic Acid to the Nasal Cavities.

LEE, Charles G. (Liverpool). A case of Cerebral Tumour complicated with Symptoms of Acute Otitis.

LEES, David B., M.D. (London). On the Connection between Aural Disease and Meningitis in Children.

MATHESON, Farquhar, M.D. (London). On Some Subject connected with Deaf-Mutism.

NUNNELEY, John A., M.B. (Leeds).

POLITZER, Professor, M.D. (Vienna) (per Mr. G. Stone, Liverpool). On Osseous Growths of the Ear. (With specimens.)

STONE, George (Liverpool). A Case of Severe Unilateral Tinnitus due to Structure of the Eustachian Tube cured by Persistent Bougieing.

K. PHARMACOLOGY AND THERAPEUTICS.—*President*, Sir William Roberts, M.D., F.R.S. *Vice-Presidents*, T. Cranston Charles, M.D.; I. Burney Yeo, M.D. *Honorary Secretaries*, John B. Hellier, M.D., 1, De Grey Terrace, Leeds; Dawson Williams, M.D., 25, Old Burlington Street, W.

The proceedings of the Section will be opened by the President, who will give a short address on Chemical Therapeutics.

A discussion on Hypnotics and Analgesics, with special reference to remedies recently introduced, will be opened by Dr. D. J. Leech, Professor of Therapeutics in the Victoria University, Manchester. Dr. Charteris, Professor of Therapeutics in the University of Glasgow, and Sir Crichton Browne have signified their intention of taking part in the discussion.

It is proposed to hold a discussion on Foods for Invalids and Infants, which will be introduced by Dr. Burney Yeo, and continued by Dr. Sidney Martin.

N.B.—All gentlemen who, up to the present, have promised papers, have also intimated their intention of taking part in one or other of the discussions.

Honorary Local Secretaries, Charles J. Wright, M.R.C.S., Lynton Villa, Virginia Road, Leeds; Charles M. Chadwick, M.D., 3, Park Square, Leeds; G. Herbert Rowe, M.R.C.S., Hillary Place, Leeds.

Honorary Local Treasurer, William Hall, M.R.C.S., Moorham, Headingley.

PROGRAMME OF PROCEEDINGS.

TUESDAY, AUGUST 13TH, 1889.

9.30 A.M.—Meeting of 1888-89 Council.
11.30 A.M.—First General Meeting. Report of Council. Reports of Committees; and other business.
4 P.M.—Service in Parish Church. Sermon by the Right Rev. the Lord Bishop of Ripon.
8.30 P.M.—Adjourned General Meeting from 11.30 A.M. President's Address.

WEDNESDAY, AUGUST 14TH, 1889.

9.30 A.M.—Meeting of 1889-90 Council.
10 A.M. to 2 P.M.—Sectional Meetings.
3 P.M.—Second General Meeting. Address in Medicine by J. Hughlings Jackson, M.D., LL.D., F.R.S.
4.30 to 6 P.M.—Afternoon Reception at the Yorkshire College by the President, Council, and Senate of the College.
8.30 P.M.—*Conversazione* by the President of the Association and Local Executive Committee in the Art Gallery and Municipal Buildings.

THURSDAY, AUGUST 15TH, 1889.

9.30 A.M.—Meeting of the Council.
10 A.M. to 2 P.M.—Sectional Meetings.
3 P.M.—Third General Meeting. Address in Surgery by T. Priggin Teale, M.A., F.R.S., F.R.C.S.
4.30 to 6 P.M.—Probable visit to the new W.R. Asylum at Menston.
7 P.M.—Public Dinner of the Association in the Town Hall.

FRIDAY, AUGUST 16TH, 1889.

10.30 A.M. to 1.30 P.M.—Sectional Meetings.
3 P.M.—Concluding General Meeting. Address in Psychology by Sir James Crichton Browne, M.D., F.R.S.
4.30 to 6 P.M.—Garden Party at the W.R. Asylum, Wakefield.
8.30 P.M.—Reception and Ball by the Mayor of Leeds in the Town Hall.

SATURDAY, AUGUST 17TH, 1889.
Excursions.

ANNUAL MUSEUM.

IN connection with the fifty-seventh annual meeting of the British Medical Association, the Museum and Exhibition will be held in the New Central Higher Grade Board School, and the Chemical Laboratory of the Leeds School of Science (Mechanics' Institute). The Museum will be arranged in the following Sections:—

SECTION A.—Foods and Drugs, including Antiseptic Dressings and other Chemical and Pharmaceutical Preparations. (Honorary Secretaries, Dr. J. Hellier, 1, De Grey Terrace, Leeds; Mr. C. V. Newstead, 40, Headingley Lane, Leeds.)

SECTION B.—Pathology, comprising Casts, Models, Diagrams, Apparatus, Microscopical and Spirit Preparations, etc. (Honorary Secretaries, Dr. J. Dobson, 27, Burley Lawn, Leeds; Dr. E. H. Jacob, 12, Park Street, Leeds.)

SECTION C.—Anatomy and Physiology, comprising Special Dissections, Methods of Preparation, Drawings, Models, Microscopes, Microtomes, and Microscopic Preparations. (Honorary Secretaries—Physiology, Dr. De Burgh Birch, 16, De Grey Terrace, Leeds; Anatomy, Dr. T. Wardrop Griffith, 23, Park Square, Leeds.)

SECTION D.—Instruments and Books, including Appliances, Medical, Surgical, and Electrical. (Honorary Secretaries—Instruments, Mr. W. H. Brown, 19, Queen Street, Leeds; Books, Mr. F. H. Mayo, 49, Otley Road, Leeds.)

SECTION E.—Sanitary and Ambulance Appliances. (Honorary Secretaries—Sanitary, Mr. J. S. Loe, Grafton Street, Leeds; Ambulance, Mr. R. N. Hartley, Blenheim Terrace, Leeds.)

In consequence of the great and increasing cost of these exhibitions, charges will be made to exhibitors (others than members of the medical profession), according to the space occupied. Sections A, D, and E will be held in the Higher Grade School and grounds; Sections B and C in the Laboratory of the School of Science and Technology.

Regulations Regarding Exhibits.

1. Intending exhibitors must communicate with the Secretaries of each Section in which they propose to exhibit, and a brief description of each exhibit, for insertion in the Museum Catalogue, must be in the hands of the respective Secretaries before July 8th.

2. All exhibits should be addressed to the "Secretary of the Museum, British Medical Association, Mechanics' Institute, Cookridge Street, Leeds," with the name of the Section for which they are intended.

3. Communications on general matters connected with the Museum to be addressed to the Museum Secretary, Dr. Jacob, 12, Park Street, Leeds.

All communications respecting advertisements in the Catalogue must be made to Messrs. Goodall and Suddick, Cookridge Street, Leeds.

PROPOSED EXCURSIONS.

1. *Bradford Excursion*.—To Bolton Abbey; lunch. To Ilkley; dinner. (Arranged by profession of Bradford and Ilkley.)

2. *Malham Cove, Gordale Scar, and Settle*.—Train to Bell Busk. Coach to Malham; lunch. To Gordale Scar by Malham Cove and back to Malham. By Kirkby Malham and Scaleber Bridge to Settle; dinner. Giggleswick and Stainforth, if time.

3. *Harewood, Farnley, Otley*.—Drive to Eccup and Harewood; lunch at Barrett's. Drive by Almscliff to Fewston. Over Jack Hill to Lindley Wood Reservoir and Farnley. See pictures at Farnley Hall. Dine at White Hart, Otley. Drive home.

4. *Nidd Bridge, Ripley, Ripon*.—By train to Nidd Bridge. Drive to Ripley; see Castle. To Brimham Rocks. Lunch at Pateley Bridge. By Grantley to Studley; see grounds; Fountains Abbey. To Ripon; Cathedral; dinner. Train to Leeds.

5. *Leyburn, Aysgarth, Bolton Castle*.—Train to Leyburn. Drive to Middleham; lunch; see Castle. By Wensley to Aysgarth; see Falls. From Aysgarth to Bolton Castle. From Bolton, by Redmire, to Leyburn; dine. Walk to Shawl. Train home.

6. *York, Helmsley, Rievaulx*.—Train to York; Cathedral, etc. Train to Helmsley; lunch. Helmsley Castle, Duncombe Park, Rievaulx. Dine at Helmsley. Train home.

7. *Scarborough*.—To be arranged by the profession of Scarborough.

CHARLES M. CHADWICK, Honorary Secretary,
Excursions Subcommittee.

SPECIAL CORRESPONDENCE.

SWITZERLAND.

[FROM OUR OWN CORRESPONDENT.]

Sulphonal in Nervous Insomnia.—*Cocaine in Surgical Practice*.—*Is Hydrochloric Acid a Safe Remedy for Dyspepsia in Nephritic Patients?*—*Graves's Disease in Children*.—*Louèche as a Spa and Health-Resort*.—*Traumatic Injuries of the Iris*.—*The Bodily Temperature in Health*.—“*Fulminant*” *Septicæmia*.—*Third General Meeting of Swiss Practitioners*.

At a recent meeting of the Société Vaudoise de Médecine, Drs. Paschoud and Claret read a paper on the use of sulphonal in insanity, in which they stated that the drug is of great service, especially in maniacal excitement, and in the insomnia of melancholia, as well as in every kind of sleeplessness of nervous origin. When given in a dose of 2 grammes (which, if necessary, may be safely repeated once or twice in 24 hours), sulphonal produces calm and refreshing sleep, lasting from 4 to 5 hours. The remedy caused no digestive, respiratory, or vascular disturbances, nor any unpleasant subjective sensations on awakening.

In the *Revue Médicale de la Suisse Romande*, February, 1889, p. 85, Dr. Roux, of Lausanne, writes that he extensively uses cocaine as a local anaesthetic in surgical practice, including such operations as excision of goitre, herniotomy, radical cure of hernia, resection of ribs, removal of breast or fingers, colporrhaphy, perineorrhaphy, electrolysis in sensitive regions, phimosis, fistula in ano, urethrotomy, extirpation of sebaceous cysts, fibromata or lipomata, incision and scraping out of abscesses, haematomata, etc. He invariably uses a 1 per cent. solution, slowly injecting the fluid into deeper strata of the cutis (endermically). One centigramme of the alkaloid is said to be sufficient to make a cutaneous incision from 5 to 6 centimetres long perfectly painless. Dr. Roux, however, recommends the utmost caution in regard to the use of even very weak solutions (as employed by him), as he has seen toxic symptoms (marked pallor, precordial oppression, etc.) in a young anaemic girl in whom the total amount injected did not exceed 3½ centigrammes, while in another young lady 5½ centigrammes, injected into the temporal region for hemicrania, caused violent tetanoid spasms. In the latter case, however, even 2½ centigrammes produced opisthotonus, though of a comparatively mild character.

Is muriatic acid a safe remedy for dyspepsia when there is renal disease? Dr. H. Girard, of Geneva, publishes a case of dyspepsia in a patient aged 40, subject to chronic catarrhal nephritis, in whom the use of a 0.3 per cent. solution of hydrochloric acid

(one tumblerful during meals) caused marked exacerbation of the renal affection, with haematuria, lumbar pain, etc., the symptoms developing on the third day of the treatment. Another Geneva practitioner, Dr. Paul Demiéville, similarly saw a dyspeptic patient with chronic Bright's disease in whom five-drop doses of dilute hydrochloric acid (with water, after meals) was almost immediately followed by haematuria and other symptoms distinctly pointing to a serious aggravation of the renal disease. In both these cases the patients speedily improved under milk diet with ordinary soothing remedies. In view of these cases, Dr. Demiéville states that hydrochloric acid even in ordinary medicinal doses has an injurious effect on the diseased renal epithelium: hence it should not be given in chronic nephritis, or in those acute infectious fevers (scarlatina, enteric fever, etc.) in which kidney complications are apt to occur. On the other hand, Professor Bourget, of Geneva, relates a case which does not seem to confirm the apprehensions of Drs. Girard and Demiéville. A man, aged 28, attempted his life by swallowing 100 cubic centimetres of commercial concentrated muriatic acid. Several hours later he was brought to Professor Revilliod's clinic, where the urine and vomited matter were chemically analysed day by day. Exactly three months after the ingestion of the poison the patient died from cachexia due to stenosis of the pyloric orifice. The kidneys were found to be quite healthy. During life analysis had failed to detect any trace of free muriatic acid, or of an increase in chlorides in his urine. On the contrary, the proportion of chlorides in the urine was distinctly subnormal, while the vomited matter contained as much as 10 per mille of chloride of sodium. Hence, Dr. Bourget concludes that, (1) in case of poisoning, HCl is not eliminated by the kidney; (2) therefore no trace of free acid is found in the urine; (3) as the kidneys remain intact even on the ingestion of 100 cubic centimetres (or even 200, as in Letulle and Vaquez's case)¹ of a concentrated acid, it may, *a fortiori*, be concluded that a diluted HCl, administered in therapeutic doses, cannot cause lesions in the kidney.

At a meeting of the Gesellschaft der Aerzte in Zurich, held in February, Dr. Hermann Mueller showed a girl, aged 10½, cured of acute exophthalmic goitre. About a fortnight before the girl came under notice there had suddenly appeared, without any visible cause, an extreme awkwardness in the movements of the child's hands, so that she had become unable to write or to perform any manual work. Shortly afterwards frequent vomiting, general lassitude, vague pains all over the body, exophthalmos, and, ultimately, marked swelling of the thyroid gland had supervened. There was also increased action of the heart, with moderate enlargement of the area of cardiac dulness, systolic bruit, and tachycardia; there was a loud systolic murmur over the goitre. The treatment consisted in local inunctions of iodine ointment, with steel and arsenic internally. In about six weeks every trace of the disease disappeared, and the cure was apparently permanent.

Dr. de la Harpe draws attention to Louèche as a spa and Alpine resort for patients suffering from tuberculosis or other chronic affections of the lung. In composition, the spring pretty closely resembles that of Weissenbourg, in the Berne Canton, as the following comparative table (in grammes per 1 litre) shows:

	Louèche.	Weissenbourg.
Sulphate of lime	...	1.5
Sulphate of magnesia	...	0.2
Carbonate of lime	...	0.10
Sulphate of soda	...	0.08

In climate, however, there is a vast difference. While Weissenbourg is situated 878 metres above the sea level, and possesses a mild and very humid subalpine climate, Louèche is at the height of 1,415 metres, and has a stimulating and very dry Alpine atmosphere. As Dr. de la Harpe's observations have shown, Louèche may give excellent results in suitable cases of pulmonary phthisis.

At a meeting of the Société de Médecine du Canton de Fribourg, Dr. Pierre L. Gremaud related three cases of traumatic injury to the iris, which had come under his observation in the course of the last year. In two, the iris had been lacerated by a blow from a bullock's horn. Beyond some conjunctival ecchymosis, no other external lesions were found. The third case was that of an old woman whose head came in violent contact with a door. There was laceration of the right iris, with complete subconjunctival luxation of the lens. The reaction was so slight that the patient continued to work for several weeks. Ultimately she sought Dr.

¹ See *Archives de Physiologie*, January, 1889.

he believed, was in a great degree due to the insanitary condition of many of our barracks. An inquiry ought to be made into the responsibility of those officials who had examined the barracks on their construction.—Mr. STANHOPE contended that everything had been done to investigate the state of Dublin barracks, and a great deal of the sickness was attributable to the general condition of Dublin.

Tuesday, June 18th.

New Bills.—Sir WALTER FOSTER obtained leave to introduce a Bill to amend "The Medical Act, 1886."

Stray Dogs.—Mr. MATTHEWS, in reply to Mr. NORRIS, stated that he was informed by the Privy Council Office that they were now considering the proposal of the London County Council. The total number of mad dogs killed by police during the first five months of the year was, according to the latest police return, 23. The total captured during the month of May was 1,786.

UNIVERSITY INTELLIGENCE.

OXFORD.

The Growth of the Medical Department.—Teaching of Comparative Anatomy.—The Physiological Laboratories.—Botany.—Anatomy. Chemistry.

The reports issued recently by the several departments to the Curators of the University Museum give some idea of the work which is being done in the medical and science schools at Oxford. Though the number of students is not large, still it is sufficient to encourage those who are working and wishing for a greater growth of the medical department of the University.

The Regius Professor of Medicine issues a short report, the chief feature of which is an announcement that the valuable Van der Kolk pathological collection is to be carefully examined and repaired. This report does not include any notice of the work done by the Lichfield Lecturers in Medicine and Surgery, who have given instruction in medical and surgical ward work to the students each term.

Owing to Professor Moseley's continued illness the duties of the Professor of Comparative Anatomy have been performed during 1888 by Dr. Sydney Hickson, Fellow of Downing College, Cambridge, and during 1889 by Mr. Hatchett Jackson of New College, Oxford. Some changes have taken place in the department, Mr. G. C. Bourne having resigned his demonstratorship to undertake the duties of director of the British Marine Zoological Station at Plymouth. To supply this vacancy Mr. O. Latter, late Berkeley Fellow at Owens College, Manchester, has been elected Demonstrator, and Mr. C. P. Mitchell of Christ Church, Assistant Demonstrator and Lecturer. The number of students attending lectures has averaged twenty-one.

In the department of Physiology, the Professor reports that thirty-seven students have attended the various courses of instruction during the year, of which number eighteen were working for honours in physiology, whilst the remainder were preparing either for the preliminary honour school or for medicine. Considerable additions have been made to the electrical apparatus, with a view of utilising the electric light for photography and for lecture purposes. Two new water motors, a collection of gas meters for investigations relating to respiration, apparatus for distilling mercury *in vacuo*, a centrifuge for separating particles such as the corpuscles of the blood from liquids, and various other special pieces of apparatus have been added to the laboratory.

The department of Botany has lost its head gardener, after a service of forty years, and the post has been filled by the election of Mr. W. G. Baker from Kew Gardens. The professorship also has changed hands, Professor Sydney Vines, of Christ's College, Cambridge, succeeding Professor Balfour, who has passed on to Edinburgh. During the year the Botanical Gardens have been rearranged according to Bentham and Hooker's method, and a special piece of the gardens has been allotted to a collection of hardy medicinal plants. The number of students of botany shows a large increase during the year, the numbers having risen from ten to twenty-three.

The department of Human Anatomy has been well attended during the year, the lecturer reporting an average of twenty students constantly working. The subject is a very popular one amongst the medical students in the University, and the number of classes held and lectures delivered shows the activity and energy of the lecturer. Human anatomy is the youngest of the important science departments, and, owing to lack of funds, it at present only possesses temporary quarters, built of wood, roofed in by galvanised iron. Though these have been designed in the best practical form for their purposes, they are by no means ideal structures, as in winter the heavy rains and snow penetrate the

roof, whilst in summer the heat is severe. The lecture-room, too, is small and insufficient for the classes now attending. This department originally was part of the section of comparative anatomy, and its separation dates back only three or four years. Owing to the growth of the Medical School, the number of students of anatomy has increased, and it is to be hoped that permanent buildings may ere long be found, in which the lecturer on human anatomy will have ample room for both students and the inevitable storage essential for the work.

The department of Chemistry shows a long list of lectures and classes held by the professor and his demonstrators. The number of the students working at the regular courses during the year was 105, in addition to others who attended for special instruction, of whom no record was kept. Chemistry is at present by far the largest of the science departments, and its numbers are likely to increase as the importance of science training becomes more recognised in the University.

CAMBRIDGE.

WALTER HOLBROOK GASKELL, M.D., F.R.S., of Trinity College, University Lecturer in Advanced Physiology, and Marshall Hall Prizeman for his researches on the nervous system, has been elected to a Fellowship at Trinity Hall. The General Board of Studies have recommended that his stipend as University Lecturer be increased from £50 to £150 a year. It will be universally admitted that this recognition of Dr. Gaskell's services to science and to medicine has been well merited. The General Board also recommend that the stipend of Mr. Walter Gardiner, Lecturer in Botany, whose researches on the continuity of protoplasm in plant cells are widely known and appreciated, should be raised from £50 to £100 a year. The University is certainly to be congratulated on its ability to secure the services of such eminent teachers in these and other branches of science for stipends that are little more than nominal.

EXAMINATION FOR MEDICAL AND SURGICAL DEGREES, EASTER TERM, 1889.—First Examination for the M.B. Degree, 1889.—Chemistry and Physics.

Barker, Emmam.	Hadow, Caius	May, Clare
Barrett, Caius	Harrison, Caius	Moore, H. Selw.
Bates, J. E., Queens'	Henderson, Joh.	Morrison, Caius
Berry, King's	Higgins	Murphy, Caius
Blumfeld, Caius	Hofmeyr, Trin. H.	Nix, R. E., Caius
Bolus, Jesus	Hood, H. Cav.	Norris, Christ's
Bowes, Caius	Hunt, Clare	Powell, Ll., Trin.
Bowering, Caius	Jackson, Clare	Rotherham, Trin.
Burkill, Caius	Johnson, Trin. H.	Sandall, Joh.
Burton, King's	Key, Emmam.	Seccombe, Joh.
Cameron, Joh.	King, T. P., Joh.	Shillitoe, A., Trin. H.
Carter, Caius	Kingdon, Caius	Smallwood, Caius
Cornwall, Trin.	Leich	Sparks, Caius
Cowan, King's	Lewis, F. H., Joh.	Stanton, Magd.
Daniel, Emmam.	Lowe, P. R., Jesus	Still, Caius
Fletcher, H. Cav.	McCarthy, Caius	Taylor, Emmam.
Fry, Pemb.	Mackenzie, Caius	Twigg, Christ's
Garner, Emmam.	Mariott, C. E., Glare	Williams, H. F. B., Caius.
Goodman	Martyn, G. J. K., Caius	Williamson, O. K. C., Trin.
Grosvenor, Clare	Mathew, Trin. H.	Wright
Groth, Jesus		

Elementary Biology. Examined and approved.

Alan, Caius	Garner, Emmam.	Mitchell, Queens'
Allen, King's	Goodman	Muntz, Trin.
Ambrose, A. C., Down	Groth, Jesus	Murphy, Caius
Anderson, Pemb.	Guinness, Caius	Nachbar, Clare
Bates, J. E., Queens'	Haigh, Joh.	Nesham, Trin.
Bedford, Trin.	Harrison, H. M., Trin.	Palmer, Queens'
Bennett, N. G., Joh.	Hayne, Caius	Pilley, Down
Berry, King's	Hedges, Sid.	Reece, Down
Browning, Caius	Henderson, Joh.	Richmond, Christ's
Burkill, Caius	Hofmeyr, Trin. H.	Sandall, Joh.
Burton, King's	Hood, H. Cav.	Sell, Caius
Cameron, Joh.	Hopkins, C. L., Caius	Smith, G. G., H. Cav.
Carter, Caius	Hort, Emmam.	Somers, Pemb.
Coghlan, H. Selw.	Kemp, Trin. H.	Sparks, Caius
Colby, King's	Lewis, F. H., Joh.	Stanton, Magd.
Cornaby	Long, S. H., Caius	Storrs, K. S., Emmam.
Cornwall, Trin.	McCardle, Caius	Taylor, Emmam.
Cowan, King's	McCarthy, Caius	Todd, C. Clare
Counsell, H. Cav.	Mackenzie, Caius	Townson, Emmam.
Daniel, Emmam.	Macnamara, Pet.	Twigg, Christ's
Devereux, N., H. Selw.	Marshall, Caius	Verdon, Jesus
Eichholz, Emmam.	Martyn, G. J. K., Caius	Williamson, O. K., Trin.
Elliott, A. E., Joh.	Mathew, Trin. H.	Windsor
Fison, Corpus	Maxwell, Corpus	Woodward, Down
Frink, Pet.	Mills, Clare	Wright
Fry, Pemb.	Milward, Clare	

Second Examination. Pharmaceutical Chemistry. Examined and approved.

Allen, Christ's	Harris, Caius	Rogers, Caius
Appleyard, Emman.	Heaton, Trin.	Rolfe, Clare
Barnos, Pemb.	Heppell, Caius	Roughton, Joh.
Barracough, Joh.	Jerrard, Caius	Russell, Down.
Bird, Emman.	Lewis, Joh.	Samways, Joh.
Bliss, Sid.	Moysay, Caius	Simpson, H., Joh.
Christopherson, Caius	Norbury, Trin.	Slater, Caius
Collett, Caius	Ormerod, Trin.	Stephens, Caius
Côrtes, A., Trin. H.	Pooler, Caius	Sworder, King's
Delbruck, King's	Pridham, Caius	Thurnell, Emman.
Fenouillet, Corpus	Ransome, A. S., Trin.	Trethewy, Caius
Gardner, Caius	Ransome, Caius	Turner, Trin.
Glover, F. B., Joh.	Richards, W. G., Christ's	Woodroffe, Caius
Harding, L. N., H. Selw.		

Human Anatomy and Physiology. Examined and approved.

Broadbent, Trin.	Hardwick, Clare	Powell, Clare
Brooksbank, Trin. H.	Harvey, Joh.	Samways, Joh.
Burton, F. W., Joh.	Heppell, Caius	Sevestre, Trin.
Buttar, Pemb.	Hoffmeister, Caius	Shaw, W. H. C., Jesus
Colclough, Caius	Langdon-Down, P., Trin.	Thomas, H. Cav.
Crofton-Atkins, Clare	Law, Christ's	Watkins, Caius
Dixon, F. J., Trin.	Lee, H. Cav.	Wilson, A. H., Christ's
Doman, Caius	Mason, G. A., Joh.	Windsor, Emman.
England, H., Caius	Master, H. Cav.	Wrench, H. Cav.
Felce, Jesus	Monro, C. G., Caius	Young, F. C., Joh.
Fish, Christ's	Murchison, Trin.	Phillips, Queens'
Hales, Clare		

Part II.—Elementary Biology. Examined and approved.

Allan, Caius	Garnier, Emman.	Mitchell, Queens'
Allen, King's	Goodman	Muntz, Trin.
Ambrose, A. C., Down.	Groth, Jesus	Murphy, Caius
Anderson, Pem.	Guinness, Caius	Nachbar, Clare
Bates, J. E., Queens'	Haigh, Joh.	Nesham, Trin.
Bedford, Trin.	Harrison, H. M., Trin.	Palmer, Queens'
Bennett, N. G., Joh.	Hayne, Caius	Pilly, Down.
Berry, King's	Hedges, Sid.	Reece, Down.
Bowring, Caius	Henderson, Joh.	Richmond, Christ's
Burkhill, Caius	Hofmeyr, Trin. H.	Sandall, Joh.
Burton, King's	Hood, H. Cav.	Send, Caius
Cameron, Joh.	Hopkins, C. L., Caius	Smith, G. H., Cav.
Carter, Caius	Hort, Emman.	Somers, Pemb.
Coghlan, H. Selw.	Kemp, Trin. H.	Sparks, Caius
Colby, King's	Lewis, F. H., Joh.	Stanton, Magd.
Cornaby, Caius	Long, S. H., Caius	Storrs, K. S., Emman.
Cornwall, Trin.	McCardie, Caius	Taylor, Emman.
Cowan, King's	McCarthy, Caius	Todd, C., Clare
Counsell, H. Cav.	Mackenzie, Caius	Townson, Emman.
Daniel, Emman	Macnamara, Pet.	Twigg, Christ's
Devereux, N., H. Selw.	Marshall, Caius	Verdon, Jesus
Eichholz, Emman.	Martyn, G. J. K., Caius	Williamson, O. K., Trin.
Elliott, A. E., Joh.	Matthew, Trin. H.	Windsor
Fison, Corpus	Maxwell, Corpus	Woodward, Down.
Frink, Pet.	Mills, Clare	Wright
Fry, Pemb.	Milward, Clare	

At the Congregation on June 13th the following degrees were conferred:

M.D.—W. S. A. Griffith, Downing.

M.B.—D. Wessels, King's; C. F. H. Battersby, H. Gervis, G. R. Murray, Trinity; F. P. Evans, G. T. Lloyd, St. John's; T. P. Beddoes, F. H. Haviland, Pembroke; E. H. Colbeck, G. W. Drabble, F. H. Edgeworth, A. J. Hall, G. H. R. Holden, A. T. McConkey, G. R. Saunders, A. G. Welsford, Caius; S. B. Syfret, Trinity Hall; E. L. Sartain, Christ's; A. Hopkinson, Emmanuel; A. Street, Downing; J. W. Campbell, Cavendish; D. R. P. Stephens, Selwyn; J. S. Prowse, non-collegiate.

B.C.—Wessels, Battersby, Gervis, Evans, Lloyd, Beddoes, Haviland, Colbeck, Drabble, Edgeworth, Hall, Holden, McConkey, Saunders, Welsford, Syfret, Sartain, Hopkinson, Campbell, Stephens, Prowse.

At the First Congregation on June 18th the degree of *M.B.* was, by special grace, conferred on:

G. A. Webster, B.A., Gonville and Caius College.

At the annual election at St. John's College the following awards were made to students of medicine and natural science. Hutchinson scholarship (for research in physiology), Horton-Smith; Foundation scholarships (continued or increased): Locke, Hankin, Horton-Smith; Exhibitions: Locke, Blackman, Cuff, L. G. Glover; Hughes Prize (for best student of third year), Horton-Smith.

LONDON.

LECTURES AND CLINICAL DEMONSTRATIONS ON MENTAL PHYSIOLOGY FOR *M.D.*, *M.S.*—By permission of the Governors of Bethlem Hospital, Dr. Savage proposes to give a course of instruction in "Mental Physiology, especially in its relation to Mental Disorder adapted to the requirements of candidates for the *M.D.*, *M.S. Lond.*" The class will be held during the months of October, November, and a part of December; and the instruction given will consist of one formal lecture a week, and two weekly clinical demonstrations in the wards of Bethlem Hospital. The lecture will be delivered on Mondays at 2 o'clock in the Chemical Theatre at Guy's Hospital, and the clinical demonstrations will take place at Bethlem on Tuesdays and Fridays at 2 o'clock.

EDINBURGH.

FINAL EXAMINATIONS.—The final medical examinations at Edinburgh University are now in progress. The "written" were held on Monday and Tuesday last, and, for some weeks, the examiners will be kept busy with "orals." The number of candidates is larger than in former years.

BRUSSELS.

At the recent sitting of the examiners, held from June 4th to 14th inclusive, twelve foreign-qualified gentlemen presented themselves for the degree of *M.D.*, of whom the following six were successful:—J. F. de Boissière, M.B., C.M. Edin. (with distinction in First Doctorate); George Henry Charlesworth, M.R.C.S., L.R.C.P.L., L.S.A.; Samuel Leonard Clift, M.R.C.S., L.R.C.P.L. (with distinction in Second Doctorate); Frederick William Emery, M.R.C.S., L.R.C.P.L.; John Henry Griffin, F.R.C.S.I., L.R.C.P.L. (with distinction in Second and Third Doctorates); Thomas Hugh Miller, M.R.C.S., L.R.C.P.L., L.S.A. (with distinction in First and Third Doctorates).

OBITUARY.

LEONARD C. WOOLDRIDGE, M.D., D.Sc., M.R.C.P.,
Assistant-Physician to Guy's Hospital.

SCIENTIFIC medicine has received a severe blow by the death of this accomplished physician and most original thinker. The deadening pain and feeling of helplessness with which the suddenness of his death oppressed his intimate friends who knew the extraordinary breadth and depth of his mental vigour were only intensified by a poignant sense of the abruptness of the shock which has arrested the progress of science in the path along which he was leading it. He possessed not only the rare faculty of preserving an absolutely unbiased judgment of the work done on any subject he was studying but by the exercise of a clear and retentive memory, he was able to keep an accurate summary of all results before his mind, and often overwhelmed his friends and opponents by showing the true meaning of the very passages quoted with the purpose of disproving his views. This capability, however, is a frequent accompaniment of genius, and was but one and that not the most important side of his intellect. The most precious feature which has left us so poor by his untimely death was his perfectly original manner of thinking upon all subjects, even those most familiar and consequently most thickly wrapped in progress-killing formulae. Not the least striking instance of this was his very last communication to the Royal Society in which, dealing with an old time-worn point, the oedema, etc. of cardiac disease, on which every lecturer thinks himself qualified to give a dogmatic explanation, Wooldridge made his way into a new path altogether by showing from a basis of experimental evidence that there is quite another manner in which the matter should be regarded, namely, that we should look to the condition of the blood and not to the valvular disorder for the cause of this pathological state.

His keen perception of the interaction of vital phenomena led him ten years ago to initiate investigations into the condition of the blood both within the vessels and when shed from the body, in health as well as in disease, and having with his customary thoroughness grasped the literature of this most stereotyped and yet little known question, he proceeded to examine the facts upon which the ideas of Schmidt and his school respecting the coagulation of the blood were based. In the course of time he accumulated more and more original data, which culminated in his great discovery that clotting could occur independently of the presence of ferment, and that several fibrinogens (that is, precursors of clotted fibrin) differing among themselves could be obtained from the blood and tissues of the body.

The view of Schmidt, that the ferment process is the whole explanation of the coagulation of the blood, was slightly modified by Hammarsten, but Wooldridge first made the fundamental observation that clotting occurred in the absence of ferment, and he consequently let in a flood of light not only upon this dark question, the general ideas upon which had become almost petrified, but also prepared the way for the real knowledge of the difficult subject of thrombosis, so intensely important to pathologists, and which remained inexplicable on Schmidt's theory. The value of Wooldridge's discoveries in this connection have been thoroughly appreciated by the school of Schmidt, whose leader

zymotic diseases were: typhoid fever 3, scarlatina 5, measles 1, whooping-cough 6, diphtheria 1, diarrhea 2. During the year there was an epidemic of scarlet fever at Cornworthy. It was mostly of a mild kind, and only one death occurred. At Harbertonford an epidemic of measles prevailed during the months of July and August. The disease was traced to importation from London. At the same time a death from diphtheria was reported. At Capton, in Dittisham parish, there were four cases of typhoid fever, one of which terminated fatally. The disease was clearly traced to the unsanitary condition of the cottages and the dirty habits of the occupants. One other death from typhoid fever occurred at Kingswear and one at Velwell Farm, Rattery. Stoke Gabriel was visited during the autumn by an epidemic of whooping-cough, which was of a severe description, resulting in the death of five children. At Higher Brixham during the latter part of the year several cases of scarlatina occurred; the disease was communicated from Lower Brixham, where there were numerous cases; there were two deaths. Ugborough was also visited by scarlatina of an extremely mild description.

HULL AND GOOLE PORT.—*Value of Watchfulness at our Ports: Supervision of Emigrants.*—The value of port inspection of vessels is abundantly proved by Mr. John Mason's report for 1888, in which it is stated that six cases of small-pox were brought at different times into the hospital, and by this means the spread of infection averted. In former times the disease would probably have been widely disseminated from these six centres, and it is therefore a matter for satisfaction that the public safety is so well secured by the watchfulness of Mr. Mason and other port health-officers. A large number (70,578) of emigrants passed through the town for America (*vid Liverpool*), and a careful watch was maintained over their movements, both upon their arrival and upon their departure. Mr. Mason reports a great improvement in the sanitary condition of the English foreign-going ships. He finds that reasonable requirements are readily and promptly complied with by masters and officers.

BOLTON (Population, 112,354).—*Scarlet Fever Epidemic: Infectious Disease generally prevalent: Usefulness of Fever Hospital.*—The health of this town during 1887 was not, in the opinion of its health officer, altogether satisfactory, in spite of a decreased death-rate. The prevalence of infectious disease was greater than in any year since 1878. Fortunately, the mortality was low, being only 9.6 per cent. of the total cases notified. Most of the deaths took place in the last quarter, when the rate rose to 4.86 per 1,000. Typhoid fever had then an unusual prevalence, the disease being scattered over various parts of the town. Although the milk-supply and drainage received the most careful attention, a common origin for the cases could not be discovered. Scarlet fever of a mild character was widely epidemic and attacked 721 persons; of these, 5 per cent. succumbed to the disease. Good work was done by the Fever Hospital, which showed its usefulness for purposes of isolation by the great increase of patients admitted, the number being 296, as compared with 208 and 120 in 1886 and 1885 respectively. Some interesting diagrams and tables are appended to the report. The death-rate (21.29 per 1,000) showed a decrease of 1.83 per 1,000, as compared with 1886, and was 0.48 per 1,000 below the average for the preceding ten years. But still it is high.

THE MEDICAL PROFESSION AND SICK CLUBS.

DR. J. S. BELCHER, of Gloucester, has addressed to us a very long letter in which he draws attention to the article in the JOURNAL, May 18th, 1889, by Mr. W. Moore, of Stourport, Worcestershire, entitled "General Practitioners and Medical Charities." It is, he says, well worth reading, though it does not appear to have received the notice and comment it undoubtedly deserved. He suggests that, as nearly all who accept appointments of friendly societies, medical associations, and such like institutions, are needy men, every member of the British Medical Association should subscribe, say, 2s. 6d. per annum, or as much as 10s. if they desired to, towards relieving and assisting deserving men who apply for such appointments. No local branch can do this; it should be put to the body of practitioners individually.

As regards the terms for which club members should be attended, difference of opinion exists, but all are unanimous in de-

claring that an income or wage-limit should be insisted upon in all cases. In order to meet the requirements of the various classes who belong to sick clubs of all kinds, it is necessary to have a sliding scale of charges according to the wages or income of each member. The following is suggested for consideration, subject to any alteration and improvement that may be advised.

The average earnings mean the average weekly wages or income during the year of single adults, or the conjoint earnings of man and wife, including children under 14 years of age, persons above that age being considered adults.

Class A.—Single adults earning 15s. ... 3d. per month.

Man and wife ... 15s. ... 6d. "

Class B.—Single adults ... 20s. ... 4d. "

Man and wife ... 20s. ... 8d. "

Class C.—Single adults ... 25s. ... 8d. "

Man and wife ... 25s. ... 10d. "

Class D.—Single adults ... 30s. ... 8d. "

Man and wife ... 30s. ... 1s. 0d. "

Class E.—" ... 35s. ... 1s. 3d. "

Children :

(1) (2) (3) (4)

Class A.—Man and wife earning 15s. ... 2d. 3d. 4d. 5d. (per month).

Class B.—" ... 20s. ... 3d. 4d. 5d. 6d. "

Class C.—" ... 25s. ... 4d. 5d. 6d. 7d. "

Class D.—" ... 30s. ... 6d. 7d. 8d. 9d. "

Class E.—" ... 35s. ... 7d. 8d. 9d. 10d. "

Not more than four children to be charged for in any one family.

All prescriptions to be charged for as follows :

Single adults earning 20s. ... 1d. each. | Man and wife earning 25s. ... 1d. each.

" ... 25s. ... 1½d. " | " ... 30s. ... 1½d. "

" ... 30s. ... 2d. " | " ... 35s. ... 2d. "

For examination of candidates previous to acceptance :

Class A.—Single adults ... 2s. 6d. each.

Man and wife ... 3s. 0d. for both.

Class B.—Single adults ... 2s. 6d. each.

Man and wife ... 4s. 0d. for both.

Class C.—Single adults ... 3s. 0d. each.

Man and wife ... 5s. 0d. for both.

Class D.—Single adults ... 4s. 0d. each.

Man and wife ... 6s. 0d. for both.

Class E.—" ... 7s. 0d. "

Dr. Belcher adds : "Let the members of the profession be true to each other in settling this difficulty, and bear in mind the motto, 'United we stand, divided we fall,' for never was combined action more necessary."

MEDICAL NEWS.

PROFESSOR VON ZEHENDER, the well-known ophthalmologist of Rostock, celebrated his seventieth birthday on May 21st.

A PETITION has been addressed to the Municipal Council of Paris, praying for the substitution of electricity for the guillotine in the execution of capital sentences.

WESTMINSTER HOSPITAL MEDICAL SCHOOL.—The following entrance scholarships have been awarded this session: Mr. E. Spencer, £100; Mr. E. Nowell, B.A., £40; Mr. H. Dowler, £40.

A GERMAN Odontological Society has recently been organized in Berlin under the presidency of Professor Busch. It will hold a general meeting and five scientific sittings every year.

THE late Mr. Charles Ansted, of 29, Penton Place, Pentonville, has by his will bequeathed £100 each to St. Bartholomew's Hospital, London Fever Hospital, Royal Free Hospital, and the Middlesex Hospital.

PROFESSOR E. VON BERGMANN has lately been appointed Surgeon-General of the First Class *à la suite* in the Prussian Army (Sanitary Corps), with the rank of Major-General: and Professor von Esmarch, of Kiel, has had a similar distinction conferred on him.

THE Archduke Carl Theodor of Bavaria has been dangerously ill with lymphangitis of the arm and axilla, following inflammation of the hand, due, it is supposed, either to the sting of an insect or to a wound received during an operation. His Highness has now recovered sufficiently to resume surgical practice at Meran.

METROPOLITAN COUNTIES BRANCH: SOUTH LONDON DISTRICT.—The annual dinner was held at the Holborn Restaurant on June 12th. The chair was taken by Dr. Brodie Sewell, President of the Branch, supported by Mr. Arthur Durham, ex-President, and Dr. Frederick Taylor, Vice-President of the District. Among others present were Drs. Savage, Radcliffe Crocker, Horrocks, G. N. Pitt, H. W. Mackenzie, Gibson Bott, and Burney, and Messrs. Mackellar,

Noble Smith, Brindley James, Tapson, and Wilkins. The toast of the South London District was proposed by the Chairman and replied to by Dr. Frederick Taylor; and that of the Chairman by Mr. Arthur Durham, replied to by Dr. Brodie Sewell.

A RUSSIAN contemporary states that Dr. Gamaleia, who some time ago resigned the directorship of the Bacteriological Station at Odessa has expressed his willingness to resume that position. The authorities have, however, declined the offer.

THE *Bristol Mercury* states that when the will of the late Dr. Fairbrother is proved it will be found that the Bristol Royal Infirmary will receive a bequest of between £1,200 and £1,500, and the General Hospital (with which Dr. Fairbrother was at one time connected) about £1,500.

THE first annual meeting of the Invalid Children's Aid Association will be held at Willis's Rooms on July 4th, at 3.30 P.M. The chair will be taken by the Earl of Aberdeen. The Association has already done a considerable amount of useful work in the supervision and assistance of invalid and crippled children.

SUSPENSION TREATMENT OF LOCOMOTOR ATAXY.—Dr. Waitzfelder, Neurologist to the Randall's Island Hospital, New York, who "began the suspension treatment.....with but little hope of benefit, and more from a sense of duty to the unfortunate patients than from any expectation of doing good," writes very favourably of the method in the *New York Medical Record*, after an experience of six cases. In all the cases for years there had been either no change or the severity of the symptoms had gradually increased. Every one of the patients considered himself much better, and in many respects undoubtedly was materially improved.

DEATH FROM PASSION.—The danger of getting into a passion for a person with heart disease was well illustrated by an occurrence at Winsford a short time back. The evidence at the inquest showed that the deceased had been having a wordy quarrel with some neighbours, and in the course of the dispute received a blow in the face from a man. It did not appear that the blow was a particularly hard one; at any rate, she was not knocked down or rendered insensible. A bystander went to her aid, though it does not appear that she was in actual need of support; at any rate, she struggled to get free from the arms of her would-be friend, saying "Let me go" twice. She then turned very pale and leant against the wall, gradually sinking to the ground. All attempts to restore her failed, and on *post-mortem* examination she was found to be the subject of aortic disease. The medical evidence was to the effect that death was due to syncope from heart failure, owing to the violent passion and not to the blow.

KING AND QUEEN'S COLLEGE OF PHYSICIANS IN IRELAND.—At the usual Monthly Examinations for the Licences of the College, held on Tuesday, June 11th, and two following days, the undermentioned candidate, being a Registered Medical Practitioner, was successful for the Licences to practise Medicine and Midwifery:

F. Wallis, M.R.C.S.Eng., London.

The following Licentiates in Medicine of the College, having complied with the by-laws relating to Membership pursuant to the provisions of the Supplemental Charter of Victoria, dated December 12th, 1878, and having taken the declaration required of Members, have been duly admitted to the grade of Membership of the College:

T. Reardon, Lic. Med., 1870, Doneraile, Co. Cork; E. Lapper, Lic. Med., 1878, Dublin.

ROYAL COLLEGE OF SURGEONS IN IRELAND.—Fellowship Examination. The following gentlemen have been admitted Fellows of the College, namely:

B. M. Blennerhassett, Surgeon-Major Medical Staff; and E. I. Read, Government Medical Officer, Trinidad, West Indies.

MEDICAL VACANCIES.

The following Vacancies are announced:

BALROTHERY UNION, Holmpatrick Dispensary.—Medical Officer. Salary, £145 16s. 8d. per annum, and fees. Applications to Mr. Andrew Derham, Honorary Secretary, Dublin Street, Skerries. Election on July 5th.

BURY DISPENSARY HOSPITAL.—Junior House-Surgeon. Salary, £60 per annum, with board, lodging, and washing. Applications by July 12th to the Honorary Secretary.

CHARING CROSS HOSPITAL.—Assistant Anesthetist. Applications by June 24th to the Secretary.

CHILDREN'S HOSPITAL, Pendlebury.—Junior Resident Medical Officer. Salary, £80 per annum, with board and residence. Applications by June 26th, to the Chairman of the Medical Board.

CHORLTON-UPON-MEDLOCK DISPENSARY, Manchester.—Resident House-Surgeon. Salary, £100 per annum, with furnished rooms and attendance. Applications by June 27th to the Secretary.

CLARE INFIRMARY.—Surgeon. Salary, £94 per annum with residence. Candidates to attend the Board Room of the Infirmary at 1 P.M., on June 26th.

DENTAL HOSPITAL OF LONDON MEDICAL SCHOOL.—Medical Tutor. Salary, £40 per annum. Applications by July 10th, to the Dean.

DERBYSHIRE GENERAL INFIRMARY.—Resident Assistant House-Surgeon. Board and washing, and a bonus of £10 for six months. Applications by June 29th to the House-Surgeon.

DONCASTER INFIRMARY AND DISPENSARY.—Dispenser and Assistant to House-Surgeon. Board and lodging. Applications before June 24th to the House-Surgeon.

EAST LONDON HOSPITAL FOR CHILDREN, Shadwell, E.—House-Physician. Board and lodging. Applications by July 11th to the Secretary.

GENERAL HOSPITAL, Birmingham.—Two Assistant House-Surgeons. Board, lodging, and washing. Applications by June 29th to the House-Governor.

GENERAL HOSPITAL, Nottingham.—Senior Resident Medical Officer. Salary, £120 for the first year, with increase, with board, residence, and washing. Applications by June 24th to the Chairman of the Weekly Board.

GRANARD UNION.—Medical Officer. Salary, £80 per annum, and £20 yearly as Superintendent Medical Officer of Health. Age of candidates not to exceed 40 years. Applications to Mr. Wm. Higgins, Clerk of Union. Election on July 4th.

GRAVESEND HOSPITAL.—House-Surgeon. Salary, £80 per annum, with board and furnished apartments. Applications by June 27th to the Honorary Secretary.

HAYERSTOCK HILL AND MALDEN ROAD PROVIDENT DISPENSARY, N.W.—Medical Officer. Applications by June 30th to the Honorary Secretary, G. G. Browne, Esq.

HOSPITAL FOR CONSUMPTION, Brompton.—House-Physicians. Applications by July 13th to the Secretary.

HOSPITAL FOR DISEASES OF THE THROAT, Golden Square.—Resident Medical Officer. Salary, £50 per annum, with board and lodging. Applications by July 4th to the Secretary.

KING'S COLLEGE HOSPITAL.—Professor of Dental Surgery and Dental Surgeon. Applications to the Secretary.

LIVERPOOL DISPENSARIES.—Head Surgeon. Salary, £200 per annum, with board, lodging, etc. Applications by June 25th to R. R. Greene, Esq., Leith Offices, 34, Moorfields, Liverpool.

LIVERPOOL DISPENSARIES.—Assistant Surgeon. Salary, £80 per annum, with board, lodging, etc. Applications by June 25th to R. R. Greene, Esq., Leith Offices, 34, Moorfields, Liverpool.

LONDON THROAT HOSPITAL, Great Portland Street.—House-Surgeon. Honorary of £50 per annum. Applications by June 29th to the Secretary of the Medical Committee.

MANCHESTER HOSPITAL FOR CONSUMPTION AND DISEASE OF THE THROAT, Bowdon, Cheshire.—Resident Medical Officer. Salary, £80 per annum, with board, lodging, and washing. Applications by July 6th to the Secretary.

ROYAL SOUTH HANTS INFIRMARY, Southampton.—Assistant House-Surgeon. Board and lodging. Applications by July 1st to the Secretary.

ROYAL WESTMINSTER OPHTHALMIC HOSPITAL, King William Street, Charing Cross.—House Surgeon. Board and lodging. Applications by June 22nd to the Secretary.

ST. MARY'S HOSPITAL MEDICAL SCHOOL.—Demonstrator of Anatomy. Applications by July 1st to the Dean.

UNIVERSITY COLLEGE, Liverpool.—Demonstrator in Physiology. Salary, £120 per annum. Applications by July 1st to the Dean of the Medical Faculty.

UNIVERSITY COLLEGE HOSPITAL, London.—Resident Medical Officer. Applications by June 24th to the Secretary.

WILLITON UNION (EASTERN DISTRICT), Somerset.—Medical Officer of Health. Salary, £50 per annum. Applications by June 24th to W. H. White, Esq., Clerk.

WILLITON UNION (STOGURSEY DISTRICT), Somerset.—Medical Officer. Salary, £80 per annum, with fees. Applications by June 24th to W. H. White, Esq., Clerk.

MEDICAL APPOINTMENTS.

BOXALL, Robert, M.D., M.R.C.P., appointed Assistant Obstetric Physician to the Middlesex Hospital, *vice* Dr. William Duncan, appointed Obstetric Physician.

BRECKNELL, W., M.D., appointed Medical Officer to No. 1 or North-West Deptford District, Greenwich Union.

CARLESS, A., M.S., M.B., F.R.C.S., appointed Assistant Surgeon to King's College Hospital, *vice* W. J. Penny, F.R.C.S., L.R.C.P.

COOK, H. G., M.R.C.S., L.R.C.P., appointed House-Physician to the Royal Free Hospital, Gray's Inn Road.

COOKE, Albert W., L.R.C.P., M.R.C.S., appointed Resident Obstetrical Officer to the Charing Cross Hospital.

EVANS, W. H., M.D., B.Sc., M.R.C.S., L.S.A., appointed House-Physician to the Royal Free Hospital, Gray's Inn Road.

EWENS, H. L., M.B., C.M., appointed Assistant Resident Medical Officer to the Children's Hospital, Birmingham, *vice* T. Henderson, M.B., C.M., resigned.

HICKIE, Lewis, M.R.C.S., L.R.C.P. Lond., appointed Resident Clinical Assistant to the St. Marylebone Infirmary, Hackham Street, Paddington, W., *vice* M. Whiston, M.R.C.S., L.R.C.P. Lond., resigned.

HODDEN, Robert, M.B., C.M.Edin., Demonstrator of Anatomy in the University of Edinburgh, appointed Lecturer on Anatomy at the University of Durham College of Medicine, Newcastle-on-Tyne, *vice* Dr. Mears, resigned.

PEDLEY, S. Edward, L.R.C.P., M.R.C.S., L.D.S., appointed Anæsthetist to the National Dental Hospital, *vice* J. F. Silk, M.D. Lond., resigned.

RICHARDS, John, M.B. Edin., appointed House-Surgeon to the Royal Alexandra Hospital for Sick Children, Brighton, *vice* J. A. Kempe, F.R.C.S. Lond., resigned.

ROGERS, G. P., L.R.C.S.I. and L.R.C.P. Ed., appointed to No 4 or Central Deptford District, Greenwich Union.

SAPP, J. G. Victor, L.R.C.P., M.R.C.S., appointed House-Physician to the Charing Cross Hospital.

STABE, E. C., F.R.C.S., L.R.C.P., L.S.A., appointed Senior Resident Medical Officer to the Royal Free Hospital, Gray's Inn Road, *vice* H. Tonks, F.R.C.S., L.R.C.P., L.S.A., resigned.

TAYLOR, C. H., M.B., L.R.C.P., M.R.C.S., appointed House-Surgeon to the Derbyshire General Infirmary, *vice* J. A. Southern, L.R.C.P., M.R.C.S., resigned.

THOMPSON, S. M., M.D., Resident Medical Officer of the South Dublin Union, appointed a Visiting Physician to the Institution, *vice* Dr. Jennings, resigned.

TOWNSEND, Dr., appointed Visiting Surgeon to the South Infirmary, Cork.

WALKER, Alex. Hope, L.R.C.P., M.R.C.S., appointed House-Surgeon to the Charing Cross Hospital.

WARD, H. P., M.R.C.S., L.S.A., appointed Resident Medical Officer to the Public Dispensary, Clare Market, W.C., *vice* G. F. W. Ewens, M.D., resigned.

WHEELER, Humphry J., M.B., M.R.C.S., L.R.C.P., appointed Medical Officer and Public Vaccinator to the Second District of the Wycombe Union, *vice* F. H. Turner, M.R.C.S., L.S.A., resigned.

WHEELER, Humphry J., M.B., M.R.C.S., L.R.C.P., appointed Surgeon to the High Wycombe Cottage Hospital, and Medical Officer to the High Wycombe Provident Dispensary, *vice* F. H. Turner, M.R.C.S., L.S.A., resigned.

WILLIAMSON, A. Maxwell, M.B., C.M., appointed Medical Officer of the landward portion of the parish of Alyth.

DIARY FOR NEXT WEEK.

MONDAY.

ROYAL COLLEGE OF SURGEONS OF ENGLAND, 5 P.M.—Mr. William Hunter (Arris and Gale Lecturer): On Transfusion. Lecture I.

TUESDAY.

NEUROLOGICAL SOCIETY OF LONDON (St. Marylebone Infirmary, Rackham Street, Ladbroke Grove Roads Notting Hill, W.1), 5 P.M.—Dr. C. S. Sherrington: Degenerations following Lesions of the Motor Cortex. Mr. J. R. Lunn, Dr. Beevor, and Mr. Victor Horsley Demonstration of Selected Cases.

WEDNESDAY.

ROYAL COLLEGE OF SURGEONS OF ENGLAND, 5 P.M.—Mr. William Hunter (Arris and Gale Lecturer): On Transfusion. Lecture II.

THURSDAY.

ROYAL COLLEGE OF PHYSICIANS OF LONDON, 5 P.M.—Dr. T. Lauder Brunton: The Croonian Lectures on the Connection between Chemical Constitution and Physiological Action. Lecture IV.

FRIDAY.

ROYAL COLLEGE OF SURGEONS OF ENGLAND, 5 P.M.—Mr. William Hunter (Arris and Gale Lecturer): On Transfusion. Lecture III.

CHARING CROSS HOSPITAL, 3.30 P.M.—Dr. F. W. Hewitt: On Anæsthetics.

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 announcement.

BIRTH.

WORN.—On June 3rd, the wife of E. Stanley Worn, L.K.Q.C.P. and L.M., and M.R.C.S. Eng., Clarence House, Pontypool, of a daughter.

MARRIAGES.

ANDERSON—DRYSDALE.—On May 22nd, at Prince's Gate Baptist Chapel, Liverpool, by the Rev. S. Honyman Anderson, brother of the bridegroom, Daniel Ellis Anderson, M.D. Paris, M.B., B.A., B.Sc. Lond., L.R.C.P., M.R.C.S., etc., to Marian Milner, only child of Donald Munro Drysdale, Esq., of Prince's Park, Liverpool.

GARDNER—HELM.—On June 18th, at the Church of the Ascension, Balham, by the Rev. H. Curtis, M.A., Percy Herbert Gardner, M.R.C.S., L.R.C.P., of Torquay, to Dagmar, third daughter of L. V. Helms, Esq., of Nightingale Lane, S.W.

HALSTEAD—CANDLER.—On June 20th, at the Wesleyan Church, Brixton Hill, S.W., George Ezra Halstead, M.D., B.S., B.Sc., B.A., M.R.C.S., L.R.C.P., of Albion Hill House, Ramsgate, to Edith, third daughter of George Candler, Newlands, Clapham Park, S.W.

VAUGHAN—MATHES.—On June 13th, at Saint Mary and Nicholas Church, Nantwich, Cheshire, by the Rev. Foster G. Blackburne, Vicar, A. Ellis Vaughan, L.R.C.S., L.R.C.P., etc., of Crewe Cottage, Crewe, to Lillian, only daughter of William Mathews, M.D., F.R.C.S., the Manor House, Nantwich.

DEATH.

NITCH-SMITH.—At Kurseong, Bengal, India, from pneumonia after cholera, on May 20th, Arthur John Nitch-Smith, M.R.C.S., L.R.C.P., L.M., aged 28, son of the late Dr. J. A. Smith, South Africa, and son-in-law of the late Captain Douglas Wales, H.E.I.C.S., Harbour Master of Mauritius.

OPERATION DAYS AT THE LONDON HOSPITALS.

MONDAY.....10 A.M.: Royal London Ophthalmic.—10.30 A.M.: Royal Free (Ophthalmic Department).—1.30 P.M.: Guy's (Ophthalmic Department); Royal Westminster Ophthalmic.—2 P.M.: Central London Ophthalmic; Hospital for Women; Royal Orthopaedic; St. Mark's; London.—2.30 P.M.: Chelsea Hospital for Women.

TUESDAY.....10 A.M.: Royal London Ophthalmic.—1.30 P.M.: Guy's; Royal Westminster Ophthalmic; St. Bartholomew's (Ophthalmic Department); St. Mary's.—2 P.M.: Cancer Hospital, Brompton; Central London Ophthalmic; London; Westminster.—2.30 P.M.: St. Mark's; West London.—4 P.M.: St. Thomas's (Ophthalmic Department).

WEDNESDAY.....10 A.M.: National Orthopaedic; Royal London Ophthalmic.—11 A.M.: St. Mary's (Orthopaedic).—1 P.M.: Middlesex.—1.30 P.M.: Royal Westminster Ophthalmic; St. Bartholomew's; St. Thomas's.—2 P.M.: Central London Ophthalmic; Great Northern Central; London; Royal Free; University College; Westminster.—2.30 P.M.: St. Peter's; Samaritan Free Hospital for Women and Children.—3 to 4 P.M.: King's College.

THURSDAY.....10 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.: Central London Ophthalmic; Charing Cross; Hospital for Diseases of the Throat; Hospital for Women; London; University.—2.30 P.M.: Chelsea Hospital for Women; North-West London.

FRIDAY.....9 A.M.: Metropolitan; St. Mary's (Ophthalmic Department).—10 A.M.: Royal London Ophthalmic.—10.30 A.M.: Royal Free (Ophthalmic Department).—1.15 P.M.: St. George's (Ophthalmic Department).—1.30 P.M.: Guy's; Royal Westminster Ophthalmic.—2 P.M.: Central London Ophthalmic; East London Hospital for Children; King's College; London; St. Thomas's (Ophthalmic Department).—2.30 P.M.: West London.

SATURDAY.....9 A.M.: Royal Free (Department for Diseases of Women).—10 A.M.: Royal London Ophthalmic.—1 P.M.: King's College.—1.30 P.M.: Royal Westminster Ophthalmic; St. Bartholomew's; St. Thomas's.—2 P.M.: Cancer Hospital, Brompton; Central London Ophthalmic; Charing Cross; London; Middlesex; Royal Free; University.

HOURS OF ATTENDANCE AT THE LONDON HOSPITALS.

CHARING CROSS.—Medical and Surgical, daily, 1.30; Obstetric, Tu. F., 1.30; Skin, M. 1.30; Dental, M. W. F., 9.

CHELSEA HOSPITAL FOR WOMEN.—M. Tu. W. and F., 1.30.

GREAT NORTHERN CENTRAL.—Medical and Surgical, M. Tu. Th. F., 2.30; Obstetric, W., 2.30; Eye, Tu. F., 10; Ear, M. F., 2.30; Diseases of the Skin, W., 2.30; Diseases of the Throat, Th., 2.30; Dental Cases, W., 2.

GUY'S.—Medical and Surgical, daily, 1.30; Obstetric, M. Tu. F., 1.30; Eye, M. Tu. Th. F., 1.30; Ear, Tu. F.; Skin, Tu. F.; Dental, Tu. Th. F., 1.30.

KING'S COLLEGE.—Medical, daily, 2; Surgical, daily, 1.30; Obstetric, Tu. Th. S., 1.30; o.p. W. F., 1.30; Eye, M. Th., 1.30; Ophthalmic Department, W., 2; Ear, Th., 2; Skin, F., 1.30; Throat, F., 1.30; Dental, M. Th., 9.30.

LONDON.—Medical, daily, exc. S., 2; Surgical, daily, 1.30 and 2; Obstetric, M. Th., 1.30; o.p. W. S., 1.30; Eye, Tu. S., 9; Ear, S., 9.30; Skin, Th., 9; Dental, Tu., 9.

MIDDLESEX.—Medical and Surgical, daily, 1.30; Obstetric, Tu. F., 9.30; o.p. W. 1.30; Eye, W. S., 9; Ear and Throat, Tu., 9; Skin, Tu., 4; Th., 9.30; Dental, M. W. F., 9.30.

NATIONAL ORTHOPÆDIC.—M. Tu. Th. F., 2.

NORTH-WEST LONDON.—Medical and Surgical, daily, 2; Obstetric, W., 2; Eye, W., 9; Skin, Tu., 2; Dental, F. 9.

ROYAL ORTHOPÆDIC.—Daily, 1.

ROYAL FREE.—Medical and Surgical, daily, 2; Diseases of Women, Tu. S., 9; Eye, M. F., 9; Dental, Th. 9.

ST. BARTHOLOMEW'S.—Medical and Surgical daily, 1.30; Obstetric, Tu. Th. S., 2; o.p. W. S., 9; Eye, W. 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. T. F. S., 12; Obstetric, Th. 2; o.p. Eye, W. S. 2; Ear, Tu., 2; Skin, W., 2; Throat, Th., 2; Orthopaedic, W., 2; Dental, Tu., S., 9.

ST. MARK'S HOSPITAL.—Fistula and Diseases of Rectum, males, W., 8.45; females, Th., 8.45.

ST. MARY'S.—Medical and Surgical, daily, 1.45, o.p., 1.30; Obstetric, Tu. F., 1.45; Eye, Tu. F. S., 9; Ear, M. Th., 3; Orthopaedic, W., 10; Throat, Tu. F., 1.30; Skin, M. Th., 9.30; Electro-therapeutics, Tu. F., 2; Dental, W. S., 9.30; Consultations, M., 2.30; Operations, Tu., 1.30; Ophthalmic Operations, F., 9.

ST. THOMAS'S.—Medical and Surgical, daily, except Sat., 2; Obstetric, Tu. F., 2; o.p., W., 1.30; Eye, M. Tu. W. Th., F., 1.30; o.p., daily, except Sat., 1.30; Ear, M., 1.30; Skin, F., 1.30; Throat, Tu. F., 1.30; Children, S., 1.30; Dental, Tu. F., 10.

UNIVERSITY COLLEGE.—Medical and Surgical, daily, 1.30; Obstetrics, M. Th., 1.30; Tu., W. F., 2; Eye, Tu. F., 2; Ear, M. F., 9; Skin, W., 1.45, S., 9.15; Throat, Th., 1.30; Dental, W., 9.30.

WESTMINSTER.—Medical and Surgical, daily, 1; Obstetric, Tu. F., 1; Eye, M. Th., 2.30; Ear, M., 9; Skin, W., 1; Dental, W. S., 9.30.

from experience of the value of shorthand in note-taking and for many other purposes. It is not difficult to acquire, but one should attain a moderate degree of skill before attempts at note-taking are made. I would counsel all commencing shorthand to avoid the error into which I myself fell, and which I have never ceased to regret, and that is, of learning an obscure form of stenography instead of a thoroughly sound system of phonography, such as Pitman's.

MUZZLING AND MUZZLES.

M.D. (BELFAST) writes: I am glad to see that the Contagious Diseases (Animals) Act Executive Committee of the London County Council have recommended to ask the Privy Council to make compulsory and stringent regulations for the whole kingdom for the muzzling of dogs. I hope the Act may also extend to Ireland, but in order to be effective some one pattern of muzzle must be selected by the authorities; at present each owner selects a muzzle according to his own fancy, and in a large number of instances it is perfectly useless as a protection. I have seen two muzzled dogs fighting, and one stealing a piece of meat from a butcher's stall. It would be easy for the Government to manufacture a regulation muzzle, in different sizes, to be sold either in shops or at the police headquarters; this would come cheaper to the public, and be a guarantee for protection.

QUININE IN PREGNANCY.

TELL, F.R.C.S., writes: In the JOURNAL for May 25th and June 1st are notes under the above heading. I have frequently, both at home and abroad, administered large doses of quinine (10 to 20 grains) to pregnant women suffering from malarial fevers, and never observed the uterus at all stimulated by it. I do not know of any drug that will cause, when taken internally, the expulsion of the contents of the pregnant uterus.

A case came under my notice recently in which a married woman, who was formerly a nurse, becoming pregnant for the third time, and being at about the fifth week, obtained some liquid extract of ergot from a chemist, and took two drachms twice daily for several days, with purgatives and hot footbaths, with no effect whatever. After this she came to me, and, having admitted the above circumstances, asked for "something stronger," which, of course, I refused.

CASE OF RICKETS IN A CAT.

DR. EDWARD H. RYAN-TENISON (Bexhill-on-Sea, Sussex), writes: On December 26th, 1888, I was presented with a tortoise-shell kitten; the animal appeared underfed and scared; it was kept in the kitchen during two or three weeks, and as it continued, despite good feeding, to be undergrown, pot-bellied, and weak on its limbs, I had it brought into the sun in the dining-room, and turned out at night, to see what sunlight and fresh air would do for it. From that time forth it grew stronger, but has retained an abnormal curvature of the humeri, radii, and ulnae, the convexity being outwards and somewhat forwards. It has had a family of four kittens, one of which is a remarkably fine male. The comical manner in which the animal ran first called my attention to the permanent deformity in its fore limb bones.

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

Dr. G. E. Shuttleworth, Lancaster; Dr. T. W. Hime, Bradford; Dr. W. Squire, London; Dr. Edwardes, London; Mr. C. H. East, London; Dr. S. Leclercq, Carlsbad; Dr. Henty, London; Dr. R. A. Gibbons, London; Dr. T. L. Brunton, London; Mr. J. Exley, New Wortley; Mr. H. W. Freeman, Bath; Sir J. Fayer, London; Dr. J. D. McCaw, Portglenone; Mr. W. J. Hill, Bristol; Mr. A. J. M. Armstrong, Southgate; Mr. Hepburn, Dublin; Sir Wm. Roberts, Bryn; Mr. C. A. Ballance, London; Mr. G. C. Peachey, Portsdown; Dr. R. G. Patteson, Dublin; Mr. E. A. G. Doyle, Trinidad; Mr. H. T. Rexby, Walthamstow; Mr. Huberto, Liverpool; Dr. Steele, London; Mr. F. A. Davis, Philadelphia; Mr. W. Williams, Oswestry; Mr. H. A. Powell, Beckenham; Dr. A. Newsholme, Brighton; Dr. C. McBride, Wigton; G. Parsons, M.B., Ambleside; Mr. E. M. Keely, Nottingham; Mr. W. E. Williams, Abertillery; Dr. T. S. Clouston, Edinburgh; Mr. H. C. Pedgrift, Bournemouth; Mr. C. Steele, Clifton; Mr. W. F. Tronson, Morchard Bishop; Rev. H. O. Wright, Petersfield; Dr. R. Robertson, Ventnor; L. W. Kiffenheim, M.B., Liverpool; Mr. D. M. Forbes, Eastwood; Dr. G. S. Woodhead, Edinburgh; Dr. G. S. Belcher, Gloucester; Mr. G. P. Rogers, London; D. Matthews, M.B., Glenluce, N.B.; Dr. W. Woodward, Worcester; Dr. Rentoul, Liverpool; Dr. L. Tuckey, London; Dr. P. M. Deas, Exeter; Dr. T. McCall Anderson, Crosshouse; Mr. F. K. Charlesworth, Sherborne; Dr. W. H. Brown, Leeds; Dr. R. T. Smith, London; Mr. A. B. Hicks, London; Mr. D. M. Mackay, Hull; Dr. Thomson, Northampton; Mr. G. Wilson, Leamington; Dr. N. E. Davies, Sherborne; Mr. G. P. Atkinson, Harrogate; Mr. C. J. Wright, Leeds; Mr. M. H. Feeny, London; Mr. H. E. B. Dickson, Horsham; Dr. D. B. Balding, Royston; Mr. T. E. Lovegrove, Nottingham; Dr. R. J. Purdon, Belfast; Surgeon-General Sir William Moore, London; Dr. A. C. Hutchinson, London; The Publishers of the *Nursing Record*, London; Mr. J. Dorey, Dover; Dr. T. M. Watt, Hovingham; Mr. J. B. Hicks, London; Mr. A. W. Mayo Robson, Leeds; Mr. A. C. Jackson, Brighton; Dr. Mickle, London; Dr. R. Barnes, London; Dr. Thin, London; Mr. W. Marriott, London; Dr. S. Coupland, London; Mr. W. B. Benham, London; Mr. F. R. Humphreys, London; Mr. E. P. Hardey, Hull; Mr. H. Fox, Newcastle-on-Tyne; Mr. S. H. Byam, London; Dr. E. P. Smith, London; Dr. L. W. Marshall, Nottingham; Mr. G. P. Field, London; Dr. I. J. Prouty, Keene, N.H.; Dr. P. Boobyer, Nottingham; Mr. G. W. Collins, London; Dr. H. J. Thomson, Glasgow; Messrs. Morison Brothers, Glasgow; The Registrar of the Royal College of Surgeons in Ireland, Dublin; Mr. E. Greenwood, London; Dr. V. D. Harris, London; Dr. J. W. Cook, Colchester; Dr. T. Schott, Bad Nauheim; Dr. Thomson, Northampton;

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BOOKS, ETC., RECEIVED.

The Causes and Treatment of Lateral Curvature of the Spine. By Richard Barwell, F.R.C.S. Fourth edition; almost entirely rewritten, with numerous illustrations. London: Macmillan and Co. 1889.

Cremonation and Urn-Burial. By W. Robinson. London: Cassell and Co. Limited. 1889.

Lessons in Gynaecology. By William Goodell, A.M., M.D. Third edition; thoroughly revised and greatly enlarged, with 112 illustrations. Philadelphia: F. A. Davis. 1889.

On Bronchial Asthma: its Pathology and Treatment. Second edition. London: J. and A. Churchill. 1889.

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