

Dr. FARQUHARSON observed that it was not included in the nomenclature under the Public Health Act.

Mr. SPANTON thought one great reason why the objection to the dual clause had not been supported by a larger number of the less affluent of the medical practitioners of the country was the source of revenue from the 2s. 6d. notification fee, which to many was a matter of considerable moment.

Dr. BRIDGWATER thought it was essential that measles should be included.

Mr. SPANTON thought the word "forthwith," in Clause 3, page 2, line 2, was an offensive word, and should be modified. Did it mean that the certificate was to be filled up on getting to the house, and finding it was a case of infectious disease, or when?

Dr. BIDDLE referred to a case in which a medical man who, not being quite certain that the case he was attending was one of scarlet fever, was fined, he believed, 10s. for not notifying.

Dr. PHILLIPS asked in how many towns the householder was looked to as the source of information. He complained that the medical man was singled out for prosecution if he failed to notify, but the householder invariably escaped free.

Dr. BIDDLE said he had made that a special subject of inquiry last year, and found that, while there were about a score of prosecutions of medical men for not notifying, the prosecutions of the householder amounted only, he believed, to three.

Dr. GALTON asked whether a medical man who, attending a case at night and being unable to determine with certainty whether the case was one of an infectious disease or not, adopted means of isolation would be considered as having assumed that it was a case of contagious disease, and so render himself liable to an action.

Dr. BRIDGWATER thought that such precautions were taken over and over again. The suggestion was made that instead of the word "forthwith" in clause 3, page 2, line 2, should be inserted the words "shall as soon as he has ascertained."

The following resolution was proposed by Dr. DICKSON, seconded by Mr. SPANTON, and adopted:—"That the objection of this Committee to the dual form of notification be maintained in Committee of the House of Commons on the Notification of Infectious Diseases Bill, and that Sir Walter Foster be requested to move an amendment on the pertinent clauses. That a clause be framed and submitted to the House of Commons (in case the existing clause be maintained) for the protection of the medical man who may be called upon to certify the existence of such diseases, and who may do so *bonâ fide* in the exercise of his judgment but in error."

RESOLUTIONS TO BE REPORTED TO GENERAL MEETING.

Dr. DICKSON proposed "That our best thanks are due to the Chairman, Mr. Ernest Hart, for the great skill with which he has managed to meet the difficulties to carry into effect the legislative amendments which have been brought before us to-day; to the members of Parliament, Dr. Farquharson and Sir Walter Foster, and others who have assisted; also to Dr. Mickle, Dr. Biddle, and the members of the committee, who have so liberally given their time and attention to the many questions involved."

Mr. SPANTON, in seconding the motion, said that he most cordially endorsed every word that had been said. Speaking on behalf of provincial members, a section of which he represented, he said they felt that the work done by the Parliamentary Bills Committee and especially the continuous labours of the Chairman (Mr. Ernest Hart) were of the utmost value to them as members of the Association; it was a work which was more highly appreciated by them than any other, and it could not be better done.

The resolution was unanimously adopted; and it was resolved, "That the above resolution be communicated to the Council, who be requested to report it to the general meeting at Leeds."

Dr. HYSLOP, Assistant Medical Officer at Bethlem Hospital, has, as a result of the honours examination in Psychological Medicine, gained the Gaskell prize, given annually by the Medico-Psychological Association.

PRESENTATION.—The presentation of a silver salver was made to Mr. William Van Praagh, at a recent annual meeting of the Central London Throat and Ear Hospital, in recognition of the great amount of time and patience he has for many years bestowed on sufferers for defects of such in connection with that hospital.

MALCOLM MORRIS INDEMNITY FUND.

Amount previously acknowledged	£	s.	d.		£	s.	d.
Sir William Gull	428	7	0	Dr. Macnaughton Jones	1	1	0
D. J. Woodman, Esq.	5	5	0	E. Nettleship, Esq.	1	1	0
Dr. Corfield	2	2	0	Herbert W. Allingham, Esq.	1	1	0
Dr. M. Baines	1	1	0	Dr. Henry C. Martin	1	1	0
Dr. T. Morton	1	1	0	Dr. H. Cooper Rose	1	1	0
Dr. Allechin	1	1	0	Dr. Riding	1	1	0
W. J. Walsham, Esq.	1	1	0	Dr. T. Britton (Harrogate)	1	1	0
				W. Bruce Clarke, Esq.	0	10	6

The costs amount to £480. Subscriptions may be sent to Mr. G. P. Field, 34, Wimpole Street, or Dr. Sidney Phillips, 21, Upper Berkeley Street, who will be glad to receive subscriptions which have been promised but not yet sent.

INDIA AND THE COLONIES.

INDIA.

THE Viceroy and Lady Lansdowne have subscribed 500 rupees to the Countess of Dufferin Fund.

THE deaths by snake bites in the North-West Provinces last year were 6,000. In Madras, the loss of human life by snakes and wild animals was 1,642.

AN OPHTHALMIC HOSPITAL FOR CALCUTTA.—It is reported that a native gentleman, Baboo Churn Laha, has offered a sum of 60,000 rupees to found an ophthalmic hospital in Calcutta, and it is proposed to erect a suitable building on a site near that of the Lady Dufferin Hospital now in process of construction. The *Indian Medical Gazette*, in commenting on this generous gift, writes:—"There is much room in Calcutta for a special ophthalmic hospital, and we are sure Baboo Churn Laha will be conferring an inestimable blessing on those of his poorer fellow-citizens who may have to seek the benefits of the hospital, and for which in days hereafter many will hold his name in reverence."

THE LEPER QUESTION IN INDIA.—The Governor-General of India in Council has introduced a Bill to make provision for the isolation of lepers, and for the amelioration of their condition. This Bill, which may be called the Lepers Act, 1889, shall extend over the whole of British India, and shall come into force at once. It enables local authorities to expend funds on, and appropriate property to, retreats for lepers. Lepers may be detained in these retreats at their own request, but power is given to magistrates to order the arrest of any persons whom they believe to be suffering from leprosy and who are found asking for alms and wandering about without any employment or visible means of subsistence on proof that such persons are lepers. Such lepers shall be committed to a retreat with the concurrence of the person in charge thereof and shall be detained subject to the provisions of the Act. The local Governor or district magistrates may order the discharge of lepers from such retreats. A leper detained for life or a term of years, if he leaves the retreat without being discharged, may be arrested and brought back by any police officer, or by the person in charge of the retreat, or any person acting under his direction. Power is given to the local Government to make rules for the management of such retreats. A special clause in the Act provides that the sexes shall be kept separate. Protection will be afforded to the religious beliefs of all lepers confined in these asylums.

CEYLON.

ST. JOHN AMBULANCE ASSOCIATION.

F.R.C.S. writes: I think it will be gratifying to all your readers who take an interest in the affairs of the St. John Ambulance Association to learn that in the colony of Ceylon great progress has of late been made in establishing various classes, under the direction and supervision of Surgeon Lees Hall, A.M.D., late Adjutant of the London Volunteer Medical Staff Corps. Not only has that energetic officer started and matured classes for ladies and gentlemen in Colombo, but he has also succeeded in obtaining the support of the authorities for providing lectures for the police and railway employees in various localities of the island. A first meeting of the Police Ambulance Class was held on July 2nd, at Colombo, the Inspector-General of the Police presiding, and was heartily responded to by a majority of the force. Dr. Keegel will conduct this class. It is satisfactory to learn that under the disinterested and efficient action of Dr. Lees Hall the benefits of the Ambulance Association will be extended to our distant colonists in Ceylon, and that we may entertain the best hopes for the future prosperity and success of this most useful undertaking.

THE Sheffield Infirmary, Public Hospital, Jessop Hospital for Women, and Children's Hospital will, it is stated, each benefit to the extent of about £200 under the will of the late Mr. J. H. Hunter.

ASSOCIATION INTELLIGENCE.

COUNCIL.

NOTICE OF MEETINGS.

A MEETING of the Council 1888-89 will be held in the Council Room, Mechanics' Institute, Leeds, on Tuesday, the 13th instant, at half-past nine o'clock in the forenoon.

Meetings of the Council 1889-90 will be held in the Council Room, Mechanics' Institute, Leeds, on Wednesday, the 14th instant, at half-past nine o'clock in the forenoon, and on Thursday, the 15th instant, at half-past nine o'clock in the forenoon.

FRANCIS FOWKE, *General Secretary*.

August, 1889.

NOTICE OF QUARTERLY MEETINGS FOR 1889. ELECTION OF MEMBERS.

A MEETING of the Council will be held on 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, 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.

OXFORD AND DISTRICT BRANCH.

The annual meeting was held on July 26th in the Council Chamber, Abingdon. Previous to the general meeting a meeting of the Branch Council was held, at which the President, Mr. SLADE BAKER, entertained the members of the Branch at lunch. Seventy-seven members partook of his hospitality.

Retiring President.—The minutes of the last meeting having been read and confirmed, the retiring President, Mr. A. WINKFIELD, installed Mr. Slade Baker, as President, and in vacating the chair expressed the pleasure that it had given him to occupy it during his year of office.—A vote of thanks to the retiring President was carried unanimously.

Abuse of Out-patient Departments.—It was resolved to postpone the discussion on Dr. Rentoul's scheme until the October meeting.

Council's Report.—The report of the Council was received and adopted. The Council reported that the present number of members of the Branch was 92. They regretted to have to record the death of an esteemed member of the Branch, Dr. Leonard Williams, of Wheatley. The members of Council who retired by rotation were Dr. Tuckwill, Messrs. Parry and Wilson. The balance in favour of the Branch was £18 16s. 4d.

Election of Members.—Dr. Emerson, Wantage, was elected member of the Association and Branch, and Messrs. Pratt and Whitelock, of Oxford, were elected members of the Branch.

Election of Representatives.—Mr. A. Winkfield was re-elected Treasurer and Representative of the Branch on the General Council, also representative on the Parliamentary Bills Committee. Mr. Lewis Morgan, was re-elected Secretary of the Branch.

Election of Officers.—It was carried unanimously that Mr. H. P. Mallam, of Oxford, be President-elect, and that Oxford be the

place for the next annual meeting. Dr. Collier and Dr. Gray, of Oxford; Dr. Parker Douglas, of Newbury, and Mr. Bloxsome, of Fairford, were elected members of the Branch Council.

New Members Proposed.—Mr. Williams, of King's Sutton, proposed by Dr. Griffin, and seconded by Mr. Wise; Dr. Douty, of the Moulford Asylum, proposed by Dr. Morgan, and seconded by Mr. Sankey, of Littlemore.

After the meeting, the PRESIDENT showed the members some of the interesting old buildings for which Abingdon is famous.

NORTH OF ENGLAND BRANCH.

Visit to the Northumberland County Asylum.—On Tuesday, July 30th, by the kind invitation of Dr. McDowall, the Medical Superintendent, the members of the North of England Branch visited the Northumberland County Asylum at Morpeth. About sixty members were present. After the asylum and the grounds had been seen, Dr. McDowall entertained his visitors at lunch with generous hospitality in the beautiful large hall of the asylum. A special resolution of Council, thanking Dr. McDowall was sent to him by the Council of the Branch.

BORDER COUNTIES BRANCH.

THE twenty-second annual meeting was held at Dumfries on July 12th, 1889; Dr. ROBERTSON, Penrith, President, in the chair. Eighteen members and two visitors were present.

Election of Members.—The following new members were elected to the Branch: James Thomas, Selkirk; F. H. Clarke, Dumfries; W. D. Grieve, Dumfries; Victor Black, Dumfries; and James Menzies, Galashiels.

Report of Council.—The report of the Council was read and adopted. The report stated that the condition of the Branch was very satisfactory. During the past year 19 new members had been added to the list, making a total of 143—the largest number the Branch had ever numbered. During the last year one member, Mr. Arras, of Wetheral, had been removed by death, one member had resigned, and four others had left the district. The number of members on the list was 137. The income of the Branch had been £24 17s. 3d., namely, by balance from 1888, £7 13s.; and by subscriptions, £17 4s. 3d. The expenditure was £7 7s. 2d. The balance at the bank on January 29th, 1889, was £17 10s. 1d. Ordinary meetings were held during the year at Penrith, Whitehaven, Carlisle, and Galashiels. At the annual meeting at Penrith 21 members and two visitors were present, at Whitehaven 17 members and 1 visitor, at Carlisle 24 members and 2 visitors, at Galashiels 14 members and 3 visitors. At the Carlisle meeting held in December Professor Chiene, of Edinburgh, by the invitation of the Council, introduced a discussion on Suppuration, its Causes and Treatment. The number of papers read during the year, including Dr. Robertson's presidential address, was 12. The report referred with regret to the death of Mr. Arras, who formerly practised for forty years at Wetheral, near Carlisle, and whose health had compelled him to retire to Portobello, where he died this spring. As an original member of the Branch, as a frequent attendant at the meetings, and as a much trusted practitioner his loss was felt keenly throughout a wide district. The Council had received from Dr. Lediard an intimation that it was his intention to retire from the office of Secretary. The Council had heard this intimation with deep regret. They desired to record their sense of the great obligations they were under to Dr. Lediard and to tender him their best thanks for the efficient manner in which he had discharged the duties of the office he had held for some years. By his zeal and energy, by his efforts to promote the success of the meetings and to increase the number of members, and by his uniform courtesy he had materially increased the usefulness of the Branch.

Surplus Funds.—It was agreed, after some discussion, to give a prize of £10 for an essay to be competed for by the younger members of the Branch, and a committee was appointed to arrange the details. It was agreed to subscribe the sum of two guineas to the Mead Testimonial Fund.

Election of Officers.—Dr. Lediard was appointed President-elect. The following members were appointed Councillors:—Dr. Haddon, Dr. Kerr, Dr. Hamilton, Dr. Grange, Dr. Campbell, Mr. Crerar, Dr. Robertson, Dr. Green, Dr. l'Anson. Dr. Altham, Penrith, was appointed Secretary and Treasurer. Dr. Barnes was appointed to represent the Branch on the Council of the Association and on the Parliamentary Bills Committee. Drs. Sanderson and Thomson were appointed Auditors.

Future Meetings.—It was agreed to hold the autumn meeting at Windermere, in the last week of September; to hold the winter meeting in Carlisle, at the end of December; and the spring meeting at Lockerbie.

Local Government (Scotland) Bill.—The question of the Local Government (Scotland) Bill having been introduced by Dr. HAMILTON, some resolutions in the form of a petition to the Lord Advocate were briefly discussed and adopted. These resolutions were similar to those passed in several other districts.

Retiring President.—Dr. ROBERTSON, the retiring President, made some valedictory remarks, and vacated the chair, which was taken by Dr. Thomson, Dumfries. On the motion of Dr. HADDON, a cordial vote of thanks was given to Dr. Robertson, and he was appointed Vice-President for life.

Presidential Address.—Dr. THOMSON delivered his presidential address "On the Progress of Abdominal Surgery."—Dr. ROBERTSON proposed a vote of thanks, which was unanimously agreed to. Dr. Thomson was requested to print and circulate his address.

Cases.—Dr. BLACK, Dumfries, exhibited cases of General Paralysis of the Insane, from the Crichton Institution. The patients shown were affected with the disease in different stages, and an admirable demonstration of the leading features of each stage and case was given.—Dr. CLARKE, Dumfries, exhibited two children showing Abnormalities of the Organs of Generation (male and female).—The other papers on the list were postponed.

Dinner.—The members afterwards dined together at the King's Arms Hotel.

NORTH OF IRELAND BRANCH.

THE eleventh annual meeting was held in the Board Room of the Belfast Royal Hospital on Thursday, July 18th. Professor DILL, President, occupied the chair, and there was a large attendance of members.

Report of Council.—In presenting the eleventh annual report the Council stated that there were 153 county and 74 town members, making a total of 227. During the past year there were four meetings, which had been more largely attended than at any previous period since the formation of the Branch. Communications were brought before the members at their meetings by Dr. Mansergh Palmer (Armagh), Dr. O'Neill, Dr. Macconchy (Downpatrick), Dr. Burden, Mr. Fagan, Dr. J. Campbell Hall (Monaghan), Dr. St. George (Lisburn), Dr. J. A. Lindsay, Dr. Dempsey, Dr. W. A. McKeown, Professor Sinclair, Professor Cuming, Dr. E. C. Thompson (Omagh), Dr. Walton Browne, and Dr. John W. Byers. At the last general meeting, held on April 25th, a deputation consisting of Dr. Byrne and Dr. Donaldson (Derry) presented a memorial, signed by members of the North-West Subsection of the Branch, asking that they might be formed into a distinct and separate Branch, whereupon it was decided unanimously to approve of the memorial, and to transmit it to the General Secretary of the Association in London. While the Council regret that the members in the vicinity of Derry are, owing to the long distance, unable to attend the meetings of the North of Ireland Branch in Belfast, they are glad to aid in any way the formation of a new Branch of the British Medical Association in Ireland. The financial statement showed that there was a balance in the hands of the treasurer of £59 8s. 11½d. Both the Council's report and the Treasurer's statement were adopted.

Election of Officers.—Dr. George Gray, J.P. (Castlewellan), was unanimously elected President for the coming year, and was requested to continue to act as Treasurer; Dr. Byers was re-elected Secretary; Dr. Dunlop (Holywood) and Dr. Whitla were chosen Vice-Presidents; and the following were elected on the Council:—**Town:** Professor Cuming, Mr. Fagan, Dr. Walton Browne, Professor Sinclair, Dr. Dempsey, Dr. J. W. T. Smith, Dr. J. A. Lindsay, Dr. McKeown; **Country:** Dr. E. C. Thompson (Omagh), Dr. Mansergh Palmer (Armagh), Dr. Macconchy (Downpatrick), Dr. Kidd (Ballymena), Dr. Stuart (Ballymena), Dr. St. George (Lisburn), Dr. Frazer (Armagh), Dr. Macalister (Carrickfergus); Dr. Byers and Dr. Dempsey were appointed Representatives of the Branch on the Council of the Association; and Dr. Stuart (Ballymena), and Dr. Esler (London) were selected to act on the Parliamentary Bills Committee.

President's Address.—Professor DILL delivered the presidential address. After thanking the members for the high honour they had conferred in unanimously electing him President of the North of Ireland Branch of the British Medical Association, Professor Dill said he had selected the subject of "Forensic Medicine

and Medical Evidence." It was, he said, of the greatest importance, for at any moment a medical man might be called to give evidence in a medico-legal inquiry. In the case of a person found dead with wounds, he might be asked to decide whether these injuries were done before or after death; or in the case of an individual found in the water, the question would have to be settled, was he, or she, as the case might be, alive or dead when immersed. Again, a medical man might at any moment be called to a person said to be poisoned. He must determine whether the symptoms are those of poisoning or of disease, and if due to the former, what poison is it? Professor Dill gave a short summary of the symptoms of the more important poisons, with the treatment to be adopted in each case. Having referred to the proper method of conducting *post-mortem* examinations in medico-legal cases, Dr. Dill made some admirable suggestions for the guidance of medical men in the witness-box. The medical man when giving evidence should be cool, collected, self-possessed, and should have a thorough knowledge of his case; he should avoid technical terms, and use simple words which any jurymen could comprehend. In this way he would be able to withstand the cross-examination of any counsel who had acquired a mere mechanical knowledge of the case, either from the reading of books on medical jurisprudence or from having been coached by a rival practitioner. After relating several humorous and interesting medico-legal anecdotes of the encounters in the witness-box between medical witnesses and counsel (as Curran, Dowse, and Day), Professor Dill said, in conclusion—From the report as now read by the able and worthy secretary, Dr. Byers, I think that this Branch is to be congratulated on the amount of work that its members have accomplished in the year 1888-89. It shows that they have not been idle, and do not form an unimportant Branch of the British Medical Association. It is now a little more than half a century since it was first called into existence by the late Sir Charles Hastings, of Worcester, at which time it consisted of but a few local men of that town and neighbourhood. Now it numbers 13,000 members, showing that it had not only taken deep root and gone far down into the soil, but that its Branches have spread far and wide, until now; when they girdle the globe, and "the leaves of the tree are for the healing of the nations." The work of such a number of scientific men, and as it is always in the interests of mankind, "*salus populi suprema lex*," must have been vast indeed. That work done in a proper spirit and tone may make it that we should consider ourselves associated with a Christ-like profession; often making the rough ways of life smooth; often removing mountains of difficulties; calming the agitated and the troubled sea of life; making literally the blind to see, the deaf to hear, the lame to walk, and the sick to be made whole. On the motion of Dr. E. C. THOMPSON (Omagh), seconded by Mr. FAGAN, a hearty vote of thanks was passed to Dr. Dill, for his presidential address.

Annual Dinner.—In the evening the annual dinner was held in the Grand Restaurant and Café, Belfast, when thirty-three members were present. Professor DILL presided, and Dr. George Gray occupied the vice-chair. Various toasts were proposed, and through the kindness of Dr. Mackenzie, Dr. J. A. Lindsay, Dr. Leslie, and Dr. Mackisack an admirable programme of music was provided.

[A report of the papers read on this occasion is published at page 313.]

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.

PROGRAMME OF PROCEEDINGS.

TUESDAY, AUGUST 13TH, 1889.

- 9.30 A.M.—Meeting of 1888-89 Council. Council Room, Mechanics' Institute.
11.30 A.M.—First General Meeting. Report of Council. Reports of Committees; and other business. Coliseum.
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. Coliseum.

WEDNESDAY, AUGUST 14TH, 1889.

- 9.30 A.M.—Meeting of 1889-90 Council. Council Room, Mechanics' Institute.
10 A.M. to 2 P.M.—Sectional Meetings. Mechanics' Institute. Public Medicine. Philosophical Hall.
3 P.M.—Second General Meeting. Address in Medicine by J. Hughlings Jackson, M.D., LL.D., F.R.S. Presentation of Stewart Prize to Dr. Klein, F.R.S. Coliseum.
4 to 6.30 P.M.—Reception given by Colonel Wilson and the officers 3rd Volunteer Battalion West Yorkshire Regiment to members in the Services at the Carlton Barracks.
4.30 to 6.30 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. Council Room, Mechanics' Institute.
10 A.M. to 2 P.M.—Sectional Meetings. Mechanics' Institute. Public Medicine. Philosophical Hall.
3 P.M.—Third General Meeting. Address in Surgery by T. Pridgin Teale, M.A., F.R.S., F.R.C.S. Coliseum.
to 6.30 P.M.—Garden Party at Gledhow Hall given by Sir James Kitson, Bart.
7.30 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. Mechanics' Institute. Public Medicine. Philosophical Hall.
3 P.M.—Concluding General Meeting. Address in Psychology by Sir James Crichton Browne, M.D., F.R.S. Coliseum.
4 to 6.30 P.M.—Garden Party at Roundhay Mount given by T. R. Jessop, F.R.C.S.
4.30 to 6.30 P.M.—Garden Party at the W.R. Asylum, Wakefield.
8 P.M.—Reception and Ball by the Mayor and Mayoress of Leeds in the Town Hall.

SATURDAY, AUGUST 17TH, 1889.

- 4 P.M.—Garden Party at the Palace, Ripon, given by the Bishop of Ripon and Mrs. Boyd-Carpenter.
Excursions.

RECEPTION ROOM.

The Reading Room of the Mechanics' Institute will be fitted up as a reception room, and will be opened at 12 o'clock on Monday, and on Tuesday and the following days at 9 A.M. for the issue of tickets to members, and for supplying all necessary information.

*** It is particularly requested that members on their arrival will at once proceed to the reception room, at which each member should enter his name and address, receive his member's card and daily journal, inquire for telegrams and letters, and consult the list of lodgings and hotels, etc.*

EXHIBITION OF SURGICAL CASES.

On Wednesday, August 14th, from 4 to 5.30 P.M., exhibition of surgical cases in the Central Hall, Infirmary.

Head Mistress's Room, Mechanics' Institute.

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. Vincent Harris, Roberts, Samuel West, Churton, Cheadle, Handford, More Madden, and Burney Yeo have promised, if possible, to take part in the discussion.

The following papers will subsequently be read:

- CUTTER, Ephraim, M.D. (New York). Thirty Years' Work in the United States in the Treatment of Tuberculosis Pulmonalis, with Statistics of 100 Cases Illustrated by Lantern Slides of Microphotographs of Healthy and Tuberculous Lungs.
MADDEN, T. More, M.K.Q.C.P.I. Clinical Experiences of the Chronic Tubercular Diseases of Childhood.
DRYSDALE, C. R., M.D. The Alleged Rarity of Phthisis among the Jews in London.
BROWN-SÉQUARD, C. E. The Toxicity of Expired Air and its Connection with Pulmonary Tuberculosis.
THOMAS, W. R., M.D. On Phthisis, with Remarks on the Varieties of Climatic Treatment.

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

- HAIG, A., M.D. On the Connecting Link between the High Tension Pulse and Albuminuria.
TIRARD, N., M.D. Peptonuria and the Fehling Test.
HANDFORD, H., M.D. On the Relations of Arterial Hypoplasia to Cardiac Disease.
MAGUIRE, R., M.D. Presystolic Murmur without Organic Mitral Disease.

On Friday, August 16th, the following papers will be read:

- RUFFER, W. Armand, M.B. (of the Pasteur Institute, Paris). On the Prevention of Hydrophobia by Pasteur's Method; and a discussion will take place.
BATEMAN, F., M.D. (Norwich). On the Jurisprudence of Aphasia.
CHURTON, T., M.D. On the Recent Prevalence of Pneumonia in Leeds. (Cases will be shown at the Infirmary daily at 9.30 A.M.)
LITTLE, J. Fletcher, M.B. The Modern Treatment of Palsies.
ECCLLES, A. Symons, M.B. The Influence of Massage on the Rate of Absorption from the Intestines.
JOHNSTONE, THOS., M.D. 1. Case of Massage. 2. Ilkley as a Resort for the Asthmatic.
MCNAUGHT, Dr. A Case of Dilatation of the Stomach accompanied by the Eructation of Inflammable Gas.
HARLEY, VAUGHAN, M.B. Abscess of the Liver: Treatment.
THUDICHUM, J. L. W., M.D. On the Demodex Folliculorum, the 'Parasite of the Acne Punctata of Man and the Mange of the Dog.'
FLOOD, A. W. On Ringworm and its Treatment.
FINUCANE, T. D., M.D. (Blackrock). On Asiatic Cholera.
GREENE, G. E. J. (Ferns, Co. Wexford). Notes on Rôtheln.
RINGWOOD, J. Further History of an Outbreak of Relapsing Fever.

Lecture Theatre No. 13, School of Science.

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:—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. Kendal Franks (Dublin), and Mr. R. Lawford Knaggs (Huddersfield) will take part in the discussion.

Mr. Frederick Treves will open a discussion on The Surgical Treatment of Typhlitis 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.
- ALLINGHAM, H. W., F.R.C.S. The Ligamenta Alaria as a Cause of Internal Derangements of the Knee-joint.
- BAMPTON, A. H., M.D. Notes on a case of Lodgment of False Teeth and Dental Plate in Stomach for Two Months: Recovery.
- 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.
- COUSINS, Ward, M.D. (Portsmouth), will exhibit a new Surgical Saw.
- CRIPPS, Harrison, Esq. (London). A Series of Cases of Cancer of the Rectum treated by Excision or Colotomy.
- FRANKS, Kendal, F.R.C.S. Subcuticular Suture.
- FRASER, Professor A. (Dublin). A Method by which the Human Body with all its details of structure, has been made Practically Transparent for Operative Surgical Purposes.
- HERN, John, M.D. (Darlington). The Advisability of Aspiration of the Protruded Gut in Recently Strangulated Hernia, with Notes of Cases.
- HUME, G. H., M.D. (Newcastle). On Combined External and Internal Urethrotomy in the Treatment of certain cases of Stricture.
- 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.
- KETLEY, C. B., Esq. (London). Compression of the Abdominal Aorta by an Instrument passed through a Small Opening in the Anterior Wall of the Abdomen.
- KELLER, Otto E., M.D. (London). Trephining in a Case of Actinomycosis of Brain.
- LLOYD, Jordan, Esq. (Birmingham). Abdominal Section for Acute Intestinal Obstruction.
- MARSH, F., F.R.C.S., will Exhibit a Patient after Madelung's Operation, with subsequent Excision of Rectum.
- OTIS, F. N., M.D. (New York). A Resume of the Experience of Seventeen Years in the Operation of Dilating Urethrotomy.
- PARKER, Rushton, Esq. Cerebral Tumour removed Successfully.
- PARSONS, J. Inglis, M.D. (London). On the Arrest of Growth in Cancer by a powerful interrupted Voltaic Current.
- 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.
- SILK, 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.
- SPICKER, Scanes, 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.
- THOMAS, Wm. (Birmingham). The Value of Tarsectomy in the Treatment of Talipes Equino-varus, with Suggestions as to the Best Method of Performing the Operation.
- WARREN, J. H., M.D. An Improved Method for the Radical Cure of Inguinal, Femoral, and Umbilical Hernia by the Formation of a Reinforced Cicatrix at the Site of Rupture.
- WHITE, J. William, M.D. (Philadelphia). The Relations of Subdiaphragmatic Abscess to the Thoracic Viscera, with Three Illustrative Cases.

Engineering Class Room, Mechanics' Institute.

C. OBSTETRIC MEDICINE AND GYNÆCOLOGY.—*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, F.R.S., will open a discussion on the treatment of Placenta Prævia. Drs. Robert Barnes, Murdoch Cameron, Gervis, W. Goodell (Philadelphia, U.S.), Robert Harvey (Bengal), Aust Lawrence, Malins, Murphy, 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, Murdoch Cameron, Halliday Croom, Duke, Elder, Gervis, Goodell (Philadelphia, U.S.), A. W. Johnstone (Danville, U.S.), Handfield Jones, Aust Lawrence, Playfair, Robert Bell, William Walter, Priestley, Wallace, Macnaughton Jones, Aveling, Graily Hewitt, and Messrs. Pridgin Teale and More Madden are expected to take part in the discussion.

The President of the Section will give a short introductory address on Some further Applications of Antiseptic Principles in Midwifery Practice.

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.
- CAMERON, Murdoch, M.D. Casarean Section, with Notes of a Second Successful Case.
- CROOM, J. Halliday, M.D. 1. On the Shedding of the Decidual Membrane late in the Puerperium. 2. On Encysted Tubercular Peritonitis Simulating Ovarian Tumour.
- CUTTER, Ephraim, M.D. (New York). Eighteen Years of Work in the United States in the Treatment of Uterine Fibroids by Galvanism with Demonstration

of Methods of Operating and some Statistics of Treatment of Uterine Fibroids by Food for the same length of time.

DUKE, Alexander, F.R.C.S. 1. Additional Traction in Forceps Cases as an Alternative to Craniotomy. 2. New Plan of Plugging the Cervix Uteri in Menorrhagia.

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

HART, D. Berry, M.D. (Edinburgh). On the Definition of the Terms used in relation to the Hemorrhage at the end of Pregnancy. He will also show specimens of Placenta Prævia and Extrauterine Fœtation.

JOHNSTONE, A. W., M.D. (Danville, U.S.A.) The Mechanics of Puberty.

LAWRENCE, A. E. Aust, M.D. (Bristol). Notes on Cases of Concealed Post-partum Hemorrhage.

MADDEN, T. More, M.K.Q.C.P.I. On Some Points in the Treatment of Uterine Cancer.

NAIRNE, J. Stuart, Esq. Some Practical Points in the Surgical Treatment of Cancer of the Uterus.

PLAYFAIR, W. S., M.D. An Estimate of the Value of Electricity in Gynecology.

ROBERTS, Arthur, M.D. (Keighley). Concealed or Ante-partum Hemorrhage.

SINCLAIR, W. J., M.D. (Manchester). 1. Vaginal Hysterectomy for Cancer with Notes of Ten Cases. 2. Oophorectomy in the Treatment of Certain Neuroses; with Cases.

TAIT, Lawson, Esq. The Statistics and Results of the Treatment of Uterine Myoma by Removal of the Uterine Appendages.

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

Philosophical Hall.

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

The following special subjects will be considered:

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), Mr. D. E. Flinn (Kingstown), Mr. G. E. J. Greene (Ferns), Mr. J. Brindley James (London), and others have promised to read papers or take part in the discussion.

2. Disinfection and Isolation: with special reference to the Control of Epidemics. Dr. H. F. Parsons will open the discussion by a paper on the subject. Dr. C. H. Allfrey (St. Mary Cray) will read a paper on The Management of Infectious Diseases in Hotels, as illustrated by an outbreak of Scarletina at the Grand Hotel, Grasse. Dr. W. Squire will contribute a paper on Disinfection and Isolation as necessary to the Control of Epidemics. Dr. C. R. Drysdale (London), Dr. E. W. Hope, and Dr. P. Caldwell Smith (Motherwell), 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 (Ilfacombe) 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. Dr. C. F. Moore (Dublin) will contribute Notes on the Disposal of Town Refuse and Excremental Matter, etc. Dr. D. E. Flinn (Kingstown), Dr. G. E. J. Greene (Ferns), Dr. P. Caldwell Smith (Motherwell), and others, will also read papers or take part in this discussion.

4. Diseases and Injuries caused by Special Occupations: with reference to their Prevention. Dr. J. T. Arlidge, Dr. G. E. J. Greene (Ferns), and others will read papers or take part in the discussion.

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

The following further papers are announced:

- ABRAHAM, P. S., M.D. (London). On the Question of Segregation for Leprosy.
- ANDERSON, A. M., M.D. (Dundee). Notes of a Peculiar Teat-Eruption in a Milch Cow coincident with an Outbreak of Typhoid Fever amongst the Consumers of the Milk.
- ARLIDGE, J. T., M.D. (Newcastle-under-Lyme). 1. The Sources of Lead-poisoning in the Arts and Manufactories. 2. On the Observation and recording of Diseases and Impurities incidental to Particular Trades.
- CHURTON, T., M.D. (Leeds). Results of Twelve Months' Systematic Inquiry into the Sanitary State of the Homes of Hospital In-patients.
- FLINN, D. E., F.R.C.S.I. (Kingstown). On the Public Cleansing of Towns viewed in Relation to Public Health.
- JAMES, J. Brindley, M.R.C.S. (London). (1) Town Refuse: its Treatment and Disposal. (2) A Cabinet Minister of Public Health.
- KING, E. Slade, M.O.H. (Great Torrington). Town Refuse; its Collection and Disposal in the Smaller Towns.

Class Room 3, School of Science.

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, on 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? Drs. Bevan Lewis and Yellowlees will take part in the discussion.

Dr. W. W. Ireland will open a discussion on the Double Brain, and the Discordant Action of the Two Hemispheres in Insanity. Drs. Bevan Lewis, Hughlings Jackson, Fletcher Beach, and T. Outterson Wood will take part in the discussion.

Dr. F. Warner, as Secretary of the Committee (appointed at the Glasgow meeting in 1888), will read their report, and introduce a discussion on the Draft Report of the Committee appointed to conduct an Investigation as to the Average Development and Condition of Brain Function among the Children in Primary Schools. Drs. Fletcher Beach, Savage, Ireland, H. Ashby, and Shuttleworth will join in the discussion on Dr. Warner's report.

The following papers are promised:

BEACH, Fletcher, M.B. Some further facts respecting the Causation of Idiocy and Imbecility.

BATEMAN, F., M.D. On Hypnotism, with special reference to Certain Experiments at La Salpêtrière.

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

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. (1) A Contribution to the Etiology of Idiocy. (2) Remarks on a Series of Idiot Brains.

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.

WIGLESWORTH, J., M.D. 1. Note on Optic Nerve Atrophy Preceding the Mental Symptoms of General Paralysis. 2. On Fibrinous Membranes within the Spinal Canal occurring in the Insane.

Physics Lecture Room No. 11, School of Science.

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, Dr. Broadbent, and Dr. Sims Woodhead will take part in the discussion.

The following further papers are announced:

BIRCH, De B., M.D. On the Nature of some Pressure Phosphenes.

CHURTON, T., M.D. Note on the Diagnostic Value of Indicanuria.

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

DRUMMOND, D., M.D. The Pathology of Acute Lead Poisoning.

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

HAYCRAFT, J. B., M.D. (Title not received.)

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

POPE, F. M., M.D. Case of Thrombosis of Vertebral Artery: Pressure on Glossopharyngeal Nerve: Unilateral Loss of Taste.

SINGLAIR, A. W., Esq. The Occurrence of *Distoma Crassum* in the Human Subject.

WILLIAMS, Roger, Esq. The Neoplastic Process from an Evolutional Standpoint.

WOODHEAD, G. Sims, M.D.

The Pathological Museum will be held in the Chemical Laboratory of the Leeds School of Science (Mechanics' Institute). The following subjects will be specially illustrated in the Museum: 1. The Lesions of Leprosy; 2. Diseases of the Knee-joint leading to the Formation of Foreign Bodies; 3. Hypertrophy of the Prostate and its Treatment; 4. Diseases of the Larynx and Trachea.

Class Room 5, School of Science.

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.

At 10 A.M. on Wednesday, August 14th, the President will give an address on the Treatment of Immature Cataract, and the following papers will be read:

TEALE, T. Pridgin, M.B., F.R.S. Description of the Operation he employs for Extraction of Cataract without Iridectomy.

BICKERTON, T. H., M.R.C.S. 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.

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

GROSSMANN, K., M.D. 1. Note on Test for Colour Blindness. 2. *Blenorrhœa Neonatorum*.

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.

HEWETSON, H. B., M.R.C.S. 1. Series of Cataract Operations without Iridectomy. 2. Series of cases of Interstitial Keratitis treated by Syndectomy.

SNELL, Simeon, M.R.C.S. 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.

FROST, W. Adams, F.R.C.S., will demonstrate some Ophthalmoscopic Drawings thrown on to a Screen.

At 10 A.M. on Thursday, August 15th, Mr. Jonathan Hutchinson will open a discussion on the Treatment of Glaucoma. Numerous surgeons have promised to take part in the discussion. After this the following papers will be taken:

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

BERRY, G. A., M.B. Some Points in Connection with Cataract Extraction.

CROSS, F. Richardson, F.R.C.S. Muscular Advancement.

MULES, P. H., M.D. Peripheral Neuritis of the Ophthalmic Division of the

Fifth Nerve, and its Clinical Bearings.

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

On Friday, August 16th, the session will commence at 10 A.M.,

and the following papers will be read:

CANT, W. J., M.R.C.S. A Case of Paralysis of the Right External Rectus Muscle

after Injury to the Left Temple (*contre coup*?).

EMERY-JONES, A., M.D. The Value of Galvano-Cautery in the Treatment of

Conical Cornea (6 cases).

FORD, Vernon, M.R.C.S. The Value of Peritomy in Ulcers of the Cornea, etc.

GRIFFITH, A. Hill, M.D. Diagnosis of Intraocular Growths, with Specimens.

HARTTRIDGE, G., F.R.C.S. Case of Pulsating Exophthalmos Cured Spontaneously by Suppuration of Contents of Orbit.

HERN, John, M.D. Scleritis from Dental Irritation.

JOHNSON, G. L., F.R.C.S. Observations on the Therapeutical Action of the

Violet and Ultra-violet Rays of Light on Vision.

SYM, W. G. Tumours of Optic Nerve.

BRONNER, Adolf, M.D., will show a Hook for Removing Remains of Lens

Capsule.

Class Room 1, School of Science.

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 paralysees 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 Dr. Henry Ashby. Papers will be read on the various forms of infantile paralysis: spastic paraplegia, 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.

BALLANTYNE, J. W., M.B., F.R.C.S. Ed. Sclerema and Edema of the Newborn Infant.

BARRS, A. G., M.D., will show some Cases illustrative of Palsy in Infants.

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

BURY, Judson S., M.D. On a Case of Microcephalus with Spastic Paralysis,

and will show a Specimen.

CHURCHILL, F. M.D. Hare-lip Operations.

CHURTON, T., M.D. Meningitis following Slight Blows on the Head.

HELLIER, J. B., M.D. Notes on Stojd.

MANTLE, Alfred, M.D. A Peculiar Form of Laryngisms in Young Infants.

MORGAN, J. H., F.R.C.S. Congenital Malformations.

OLIVER, Thomas (Newcastle-on-Tyne). Hemiplegia with Asphasia in Children.

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

SYMPSON, Mansel, M.B. (1) A Case of Cerebral Birth Palsy with Epileptoid

Convulsions. (2) A Case of Infantile Cerebral Palsy, with comments.

WALSHAM, W. J., F.R.C.S. Ectopia Vesicæ.

WARNER, F., M.D. Coincidental Defects in Children in Association with Mental Dulness, Nerve Defects, and Low Nutrition.

Class Room 2, School of Science.

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*, Greville 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.

Dr. R. Hingston Fox and Dr. Barclay J. Baron will take part in the discussions.

The following gentlemen have promised papers on these sub-

jects: Dr. C. W. Haig-Brown, Dr. P. McBride, Dr. G. Macdonald, Dr. David Newman, Dr. Scanes Spicer, and Mr. Lennox Browne; and the following will take part in the discussions: Dr. Dundas Grant, Dr. Hodgkinson, Mr. T. Mark Hovell, Dr. C. J. Lewis, Dr. S. Moritz, Dr. G. Hunter Mackenzie, Dr. Scanes Spicer, Mr. G. Eland Stewart, Dr. Archibald Garrod, Dr. Warden, Dr. A. Mantle, and Dr. de Havilland Hall.

The following further papers are announced:

- BARON, Barclay J., M.B. A Case of Bilateral Paralysis of Abductors of the Vocal Cords.
 GARROD, A. B., M.D. On Perichondrites.
 HAILES, W. J., M.D. (Albany, N. Y.). Intubation of the Larynx: 60 Cases; 20 Recoveries, with Instruments.
 HALL, De H., M.D. On Perichondrites.
 LAWRENCE, L. H., F.R.C.S. Granular Pharyngitis.
 MACDONALD, Greville, M.D. Empyema of the Maxillary Sinus, with an analysis of fifteen 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.
 MACKENZIE, G. Hunter. Intubation of the Larynx.
 MORITZ, S., M.D. A Case of Acute Rheumatic Bilateral Paralysis of the Abductors of the Vocal Cords.
 MURPHY, James, M.D. A Retractor for Use in Tracheotomy.
 NEWMAN, David, M.D. A Case of Laryngeal Carcinoma complicated by Chronic Pulmonary Tuberculosis, with remarks respecting the rare coincidence of these diseases.
 ROBERTSON, W., M.D. Two Cases of Rhinoscleroma. (With Exhibition of Patients.)
 SPICER, R. H. Scanes, M.D. Throat and Nose Affections in Children as Causes of Functional Nervous Disorders.
 STEWART, G. Eland, M.R.C.S. Tonsillitis as a Cause of Abscess in the Neck.
 STOKER, George, M.K.Q.C.P.I. Laryngitis and Rhinitis in Diabetes.
 ZWAARDMAKER, H. M.D. (Utrecht). New Olfactometers for estimating Degree of Loss of Smell (shown and described for the author by Dr. Scanes Spicer).

Elementary Division, Mechanics' Institute.

J. OTOLOGY.—*President*, George P. Field, M.R.C.S. *Vice-Presidents*, Frederick Morrish Pierce, M.D.; Henry Bendelack Hewetson, M.R.C.S. *Honorary Secretaries*, Adolf 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), Mr. Lennox Browne, G. J. Mackesy, M.B., W. L. Mackesy, M.B., J. Erskine, M.B. (Glasgow), Dr. Sexton (New York), and Mr. Richard Williams.

Dr. Ward Cousins will give a demonstration on the Value of Antiseptic Artificial Drumheads in Chronic Middle-Ear Disease and Perforation, on Thursday, August 15th, at 2.30 P.M.

Dr. J. Ward Cousins will also show a new Eustachean Catheter, with Inflator attached, for alternate Injection and Evacuation of the Tympanum.

The following further papers are announced:

- BARR, Thomas, M.D. (Glasgow). On Non-operative Treatment of Aural Exostoses; and will show Sections of Temporal Bones from Cases of Intracranial Disease illustrative of the various directions by which Disease of the Middle Ear may extend to the Interior of the Cranium.
 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, M.R.C.S. (London). On the question of Anesthetics 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 Aprosopia, 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., M.R.C.S. (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.B. (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, L.R.C.P. & S. Ed. (Liverpool). A Case of Severe Unilateral Tinnitus due to Stricture of the Eustachian Tube cured by Persistent Bougiage.

Class Room 10, School of Science.

K. PHARMACOLOGY AND THERAPEUTICS.—*President*, Sir William Roberts, M.D., F.R.S. *Vice-Presidents*, T. Cranstoun 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 at 10 A.M. on Wednesday, August 14th, by an address by the President on Certain Practical Points in the Use of Antacid Remedies in Dyspepsia and Gravel.

At 10.30 A.M. a discussion on Hypnotics and Analgesics, with special reference to remedies recently introduced, namely, Paraldehyde, Hypnone, Amylene Hydrate, Methylal, Sulphonal, 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, Sir J. Crichton Browne, Dr. W. H. Broadbent, Dr. Frederick Needham (Gloucester), Dr. Macnaughton Jones, Dr. T. Cranstoun Charles, and Dr. John Gordon (Aberdeen) have signified their intention of taking part in the discussion.

At 10 A.M. on Thursday, August 15th, a discussion on Foods for Invalids and Infants will be introduced by Dr. Burney Yeo; and Dr. Sidney Martin, Dr. E. D. Mapother, Dr. T. Cranstoun Charles, Mr. R. W. Parker, and Dr. S. McBean (Newcastle) will take part in the discussion.

The following papers have been promised:

- CHARLES, T. Cranstoun, M.D. (London). 1. The Hot-air Treatment of Pulmonary Consumption. 2. Some Cases of Diabetes. 3. Notes on the Use of Paraguy Tea. 4. On Ichthyol.
 CHARTERIS, Professor M., and MACLENNAN, W., M.B. Experimental Research on the General Comparative Action of the Natural and Artificial Salicylic Acids and their Salts of Sodium.
 CHURTON, T., M.D. The Treatment of Pemphigus.
 CROCKER, H. Radcliffe, M.D. On Anthrarobin in the Treatment of Skin Diseases.
 GORDON, John, M.D. (Aberdeen). On the Pharmacology of Urethane.
 GREENE, G. E. J. (Wexford). Lymphitis Flocucluli in Renal and Vesical Affections.
 HAIG, A., M.A., M.D. The Influence of Opium and Morphine on Uric Acid considered with reference to the Action in Health and Disease.
 ILLINGWORTH, C. R., M.D. (Accrington). The Therapeutics of the Biniodide of Mercury.
 LITTLEWOOD, H., F.R.C.S., and TREVELYAN, F., M.D. Demonstration of the Use of Suspension in the Treatment of Locomotor Ataxy.
 MILLER, A. C., M.D. (Fort William). The Mountain Cure of Phthisis, with special reference to its adoption on Ben Nevis.
 MURRAY, W., M.D. (Newcastle-on-Tyne). On the Removal of Renal Calculi by Toxic Doses of Belladonna.
 PEARSE, T. F., M.R.C.P., M.R.C.S. On the Use and Abuse of Soap.
 SOLLY, Samuel E., M.R.C.S., L.S.A. (Colorado Springs). On the Climate of Colorado.
 TAYLOR, J. Cleasby, M.D. Grand Canary: Its Climate and Waters.
 WOODS, Hugh, M.D. (Highgate). The Oxyiodides of Calcium and Bismuth.

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.

ANNUAL MUSEUM.

IN connection with the fifty-seventh annual meeting of the British Medical Association, the Museum and Exhibition will be held in the Mechanics' Institute, in which the Sectional meetings are held, and grounds of the Leeds School of Science. 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.) In the Albert Hall.

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.) In the Chemical Laboratory.

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.) In the Chemical Laboratory.

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.) In the Albert Hall.

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 the basement of the Boys' School.

In consequence of the great and increasing cost of these exhibitions, charges will be made to exhibitors (other than members of the medical profession), according to the space occupied.

Regulations Regarding Exhibits.

1. Intending exhibitors must communicate with the Secretaries of each Section in which they propose to exhibit.

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. *The Scarborough Excursion* (limited to 200).—A special train will leave the North Eastern Railway Station (New) at 9.10 A.M. on Saturday morning, August 17th, arriving at Scarborough at 11.30. At 12.45 P.M. a luncheon will be given by the profession of Scarborough to 100 members of the Association (by invitation). In the afternoon excursions by sea and land will be arranged, steam yachts will be placed at the disposal of the visitors, and short excursions will be organised by carriage. Dr. Calantarients invites all the visitors to inspect his Glaciarium, an artificial ice invented by himself. A garden party will be given by Mr. J. W. Woodall, in honour of the visit of the Association, at St. Nicholas Cliff. In the evening the grounds of the Cliff Bridge Company will be thrown open to the members, and especially illuminated; here a reception will be held in the Grand Hall by his worship the Mayor, official chairman of the Company, and the Committee. On Sunday a special service will be held in the parish church (St. Mary's), preacher the Venerable Archdeacon Blunt, D.D., Chaplain to the Queen. In the afternoon a concert of sacred music will be given in the Spa Grounds (3 to 4.30), and, later, Mr. Alderson Smith will be "at home" at Wheatcroft Cliff, to receive members of the Association and their wives; by his kindness, also, it is hoped that a deep sea trawling expedition will be arranged for Monday morning. A fee of one guinea will be charged, which will include all the expenses of the excursion. Gentlemen may be accompanied by ladies on the same terms, namely: saloon fare from Leeds to Scarborough, hotel accommodation at two of the best hotels from mid-day on Saturday, August 17th, till mid-day on Monday, August 19th (with the exception of wine). The Cliff Bridge Company will admit members free to their grounds on the three days, August 17th, 18th, and 19th. All excursions and other entertainments are open to all members and ladies accompanying them on production of their tickets. The luncheon to be given on Saturday will be by invitation only, as it is not possible to secure a room for an unlimited number. Medical men will be admitted free into the Aquarium on Saturday. On Sunday evening a sacred concert will be arranged by the kind invitation of Mr. Morgan. Any further particulars with regard to the Scarborough Excursion can be obtained on application to Charles F. Hutchinson, M.D., Honorary Secretary, May Lodge, Scarborough.

2. *The Ilkley and Bolton Abbey Excursion*, given by the Profession in Bradford and Ilkley (limited to 100).—The route of this excursion runs from Leeds in a north-westerly direction, leaving the Midland Station at 9.35 A.M.; it passes by way of Armley, Kirkstall (with a view of the old abbey of that name), and continues along the Airedale Valley to Apperley Bridge.

After passing Kirkstall forge, the vale opens out, showing Calverley to the south and on the north, giving a fine view of the slope of the hill from Rawdon, on which, as prominent objects, stand the Rawdon Convalescent Home (founded, for poor patients, by the late Sir H. W. Ripley, Bart.) and the Rawdon Baptist College. These and the numerous villa residences of Leeds and Bradford merchants, embowered in trees, form a pleasant and striking landscape. Passing Apperley Bridge, the line curves temporarily towards the north, up a steep incline, affording a glimpse of the upper portion of the Airedale Valley, with Shipley and Bradford in the distance; it then enters a wooded and tunnelled portion, curving back to the west and reaching Guiseley; here, and at Ilkley, the members of the excursion will be joined by their entertainers, and the train will proceed along the south side of the Wharfedale Valley, towards Ilkley.

Just before the valley opens there lies, on the south side of the line, the New Menston Lunatic Asylum, to which the Psychological Section intends to pay a visit. Beyond this the line divides, one branch turning to the east to Otley, the other pursuing its course to Ilkley and Bolton. In the angle made by this division lies the burial place of the late Right Hon. W. E. Forster. The spot affords a view of the extent of Wharfedale, which, following the course of the river Wharfe from Bolton on the west, runs to where the North Eastern line, on its way to Harrogate, crosses the valley at Arthington, on the east. The dale is one of the most beautiful in Yorkshire, offering at certain points almost unique views, as that at Otley Chevin, Ormscliffe Cragg and the Cow and Calf. The town of Otley lies at the east end, on the north side of the valley, opposite the Chevin; the village of Burley lies embedded in foliage in the middle of the dale, while Ben Rhydding and Ilkley lie on the cliff or south side of the dale, at the edge of Rumbold's Moor.

The train, proceeding, passes the Burley Station, and at this point on the rising ground of the north of the dale may be seen Denton Hall and Park, formerly the residence of the famous Fairfax, now the seat of Mr. Wyville, J.P.; and, further west, Myddleton Lodge, the home of the Middletons, one of the oldest Yorkshire county families. The ground now rises precipitously to the south, and the first object which strikes the eye is the splendidly situated hydropathic establishment of Ben Rhydding. Further to the west of it are seen the massive rocks called the Cow and Calf, and the Ilkley district opens out, extending almost from the edge of the moor for a mile or more down a gentle slope to the river Wharfe. As the train moves past Ilkley, a good general view will be obtained of its spa establishments and villa residences. The train goes on past the village of Addingham (with Beamsley Beacon behind) till it reaches Bolton Bridge at 10.49; at this station wagonettes will be in readiness to take the party to the Priory and Bolton Woods. Most people have seen the beautiful print of "Bolton Abbey in the Olden Time." The remains of the Priory are charmingly situated, and form a grand adjunct to the restored church. To strangers the history of the structure will be freely afforded by some of the gentlemen accompanying the party. From the Priory the party will be conveyed to Bolton Woods and the Strid in the wagonettes.

The woods and stream will afford their own beautiful commentary; and the romantic story of the "boy of Egremont" checked in his spring across the "Strid" by the leashed hound, and drowned in the torrent; the despair of the mother, "Alice de Romille," and her subsequent founding of the Priory, can all be told on the spot. Time will not afford more than a distant view of "Barden Tower," the home of the Cliffords, and walk through the woods, nor can a visit to the Valley of Desolation, with its waterfall, be risked; but these will scarcely be missed amid the surrounding beauties. The wagonettes will return from the Strid about 12.45 to the Devonshire Hotel, where, if the day be propitious, lunch will be served on the lawn at 1.30 P.M.

The train will leave Bolton Abbey Station at 2.47 P.M. on its return to Ilkley; and here the rest of the day, till dinner-time, will be spent visiting the points of interest in its immediate precincts. Ilkley and its neighbouring "Rombald's Moor" have their aboriginal and Roman history, with their "Cairns," "Barrows," Roman stations and roads. Monumental relics have been found abundantly, and one is to be seen at the back of the Rose and Crown Inn, and three ancient crosses in Ilkley Churchyard. The old Parish Church will repay a visit. All that the antiquarian will require to indicate the ancient history of Ilkley may be obtained from "Lund's 6d. Guide." Modern Ilkley, as a spa and health resort, as well as Ben Rhydding (which was the first of the

large hydropathic establishments in the neighbourhood), owes its celebrity not to any medicinal virtue in its water but to the wonderful purity and abundant supply of that water, and to the charming situation of the place. There is a valuable chalybeate spring at the side of the moor at Heber's Gill, past the Semon Convalescent Home, but this is quite apart from the main "Ilkley Water." This Ilkley water seems specially adapted for drinking and for all such purposes as are comprised under the head of "Hydrotherapy;" hence the abundance of these establishments. All, or a choice number, of these may be visited; from the original "Old White Wells," which everyone will observe high up on the hill side, through the grand structure of Ben Rhydding (Medical Officer, Dr. Johnstone); the palatial Ilkley Wells (Medical Officer, Dr. Scott); the well-known "Craiglands" (Medical Officer, Dr. H. Dobson); the Elizabethan structure, "Troutbeck;" the "Spa" establishment in the Grove, to Rockwood House, Marlborough House, and Stoney Lea. Besides these there is above the Grove, on the slope of the hill, the Ilkley Hospital (Medical Officer, Dr. Johnstone), established in 1829 as the Ilkley Bath Charitable Institution. This institution has from 700 to 800 patients passing through it in a year; these are recommended by subscribers; and it can be said with truth that the simple treatment and capital Ilkley air materially reinvigorates many of them. Another admirable institution, founded by the late Mr. Charles Semon, of Bradford, and bequeathed by him to the town of Bradford, is the Semon Convalescent Home, situated quite on the edge of the moor, south-west above Ilkley, and intended for the convalescent and weakly of the working class, clerks, and warehousemen; the whole charge for board and lodging is 12s. 6d. a week, the extra cost being furnished by the fund left by Mr. C. Semon. The people can wander on the moor at will, and convalescents are carried up from the railway by omnibus. The Home is open to others beside the inhabitants of Bradford. There are a number of hotels at Ilkley, the principal of which are the Middleton, the Crescent, etc.; but the hydropathic establishments also accommodate visitors even for a few days. Between the return arrival of the train at Ilkley and the hour at which the party will dine (5.30 P.M.), beside the places enumerated and the general exploration of Ilkley, if the day is fine, a walk to the "Cow and Calf" (on the way to Ben Rhydding) will yield a magnificent view from those rocks. Also $1\frac{1}{2}$ mile from the station south-south-west, another splendid view is obtained from the "Panorama Rocks." Again, the walk to Myddleton Moor, $1\frac{1}{2}$ mile north over the Ilkley bridge, will afford many interesting views. To any of the party who may prolong their stay over the excursion, the points of interest in the locality are many and varied, as Skipton town and castle, Keighley and Howarth (home of Charlotte Brontë, 14 miles), Denton Park, Otley and the Chevin, Farnley Hall ($2\frac{1}{2}$ miles from Otley, full of interesting historical records), Burley, Harewood House, Harrogate, Ripon, and Fountains Abbey, etc. After dinner, time sufficient will be afforded for a leisurely stroll to the Ilkley station, from which the train will start on its return journey promptly at 8.35 P.M. for Leeds and Bradford.

3. *York, Helmsley, Rievaulx Abbey* (limited to 100).—The party will leave the North Eastern Railway Station (New) by special train at 9.10 A.M., reaching York at 9.50, where they will be met by the representatives of the profession of York, who have hospitably undertaken to entertain the party, and to show them the various objects of interest. The party will first visit the gardens of the Yorkshire Philosophical Society, kindly thrown open to them by the courtesy of the Honorary Secretary, Mr. Noble, and the Council of the Society. The visit will be supervised by Canon Raine. Amongst the objects of interest are the ruins of St. Mary's Abbey, a portion of the old Roman walls, and a large collection of Roman and other antiquities in the museum and hospitium of the abbey. Afterwards the party will proceed to the Palace of the Stuart Kings, in which is located the Wilberforce School for the Blind. Mr. Buckle, the superintendent of the school, has courteously undertaken to point out the features of interest connected with this historical building. Leaving the Stuart Palace, our visitors will proceed, by way of Boolham Bar, to the Minster, where Canon Raine, in the unavoidable and regretted absence of the Dean of York, will again kindly undertake the duties of cicerone. After viewing the Minster, it is proposed to pay a visit to the Mansion House and Guildhall, where the members and their friends will be received by the Lord Mayor. The ancient plate preserved in the Mansion House and the Guildhall, which is one of the finest Gothic halls in existence, will, it is believed, be inspected with much interest.

Luncheon, by invitation of the profession in York, will be served at the Station Hotel, at 1 o'clock, after which the party will be conveyed by special train to Helmsley, where tea will be provided. Here carriages will convey them to Rievaulx Terrace, whence, having seen the beautiful view, they will proceed to the Abbey, driving through Duncombe Park to the Home Terrace, and thence by the ruins of Helmsley Castle to the Black Swan for dinner. The train will leave Helmsley for York in time to catch the night mail from York, and the 9.35 for Leeds.

4. *The Harrogate Excursion* (limited to 120).—The party will proceed by special train from the North Eastern Railway Station (New) at 9 A.M. to Pannal, where they will be met by four-horse drags. The beautiful grounds and rocks of Plumptre will then be visited, where light refreshment will be provided; afterwards the party will drive to Knaresborough Castle, the Dripping Well, and the caves memorable as connected with Eugene Aram. Thence by Scriven and Ripley Castle to Harrogate. Here the members of the profession in Harrogate will entertain the party at lunch in the New Bath Hospital about 3 P.M., afterwards carriages will be provided, so that places of interest may be visited. Various other entertainments will be organised, and in the evening the houses of the various medical men will be thrown open to visitors, and members can return to Leeds either by the special train, or by one of the numerous trains leaving Harrogate for Leeds in time to catch the night mails. It is hoped that many will arrange to stay in Harrogate over the Sunday.

5. *The Brimham Rocks, Fountain Abbey, Studley Royal, and Ripon Excursion* (limited to 100).—Special train will leave the North Eastern Station (New) about 9 A.M. for Pateley Bridge, where carriages will meet the party to convey it by Raven's Gill and Guy's Cliff to Castlestead, where the party will be entertained at luncheon by Mr. George Metcalfe. After luncheon the party will proceed by the fantastic rocks of Brimham over the moors to Fountains Abbey and Studley Royal, the grounds being specially laid open and tea provided by the Marquis of Ripon. Having viewed this, the finest of the Cistercian abbeys, the party will proceed to Ripon, where, having seen the cathedral, they will be received and entertained at the Palace by the Bishop of Ripon and Mrs. Boyd-Carpenter. The train will leave Ripon for Leeds at 8.15 P.M., reaching Leeds about 9.30 P.M.

6. *The Washburn Valley and Farnley Excursion* (limited to 50).—The object of this excursion is to show the waterworks in connection with Leeds, the beautiful scenery of the Mid-Warfe and Washburn Valleys, and the unique collection of Turner paintings at Farnley Hall. The whole journey will be by carriage. The party will start from the Mechanics' Institute at 9 A.M., and first be conducted to Adel Church, when the Rector will show this most perfect specimen of Norman architecture; thence past Cresseld by Arthington and Pool Bridge, through the picturesque village of Leathley, with its old church and village stocks, through Lindley Wood to the Reservoir, where Messrs. Greenwood and Batley will show some interesting torpedo experiments. The party will then proceed over Norwood Edge, whence a splendid view of the whole valley can be obtained by Swinsty Reservoir to Fewston (the Sinking Village). Here lunch will be provided by the Chairman of the Leeds Waterworks Committee, Mr. Alderman Woodhouse. The party will then drive by Snowdon Moors to Farnley Hall, the seat of Mr. Ayscough Fawkes, who has kindly consented to exhibit his unrivalled collection of paintings by J. M. W. Turner, as well as his Cromwellian relics. Thence to Otley, where dinner will be served at the White Horse Hotel, the party reaching Leeds in time for the night mails.

7. *Malham Cove, Gordale Scar, and Settle* (limited to 50).—The object of this excursion is to show the remarkable scenery produced by the Great Craven Fault in the Mountain Limestone, one of the grandest examples in England. A special train will leave the Midland station about 9 A.M., reaching Bell Busk about 10.20 A.M. Here carriages will be waiting to convey the party by Calton Hall, the birthplace of General Lambert, and Kirkby Malham, with its interesting church and registers, to Gordale Scar, described by Wordsworth as "one of the grandest objects in Nature." The party, having been refreshed at a farmhouse, will divide into two, the more adventurous going over the cliffs to Malham Cove, where they will meet the party who have driven round. Having viewed this magnificent amphitheatre of rocks, the party will return to Kirkby Malham, and will here again divide. The lighter carriages, with those who prefer a walk with an ascent of 700 feet, will go

over Highside, where a magnificent view of both Airedale and Ribblesdale can be obtained; thence by Scaleber Force to the Ashfield Hotel at Settle, where, being joined by the other party, who have driven round by Otterburn and Long Preston, dinner will be served. After dinner they will drive up Ribblesdale to Great Stainforth Force, returning by Giggleswick, where may be seen the ebbing and flowing well, and the Royal Victoria Cave Remains in the museum at the school. They will then return by Settle to Leeds, which will be reached about 9 P.M.

The fee for each of the above excursions will be 10s. 6d., except in the case of the Scarborough excursion, for which one guinea will be charged. All applications for tickets, with remittance, to be made to

CHARLES M. CHADWICK, Honorary Secretary,
Excursions Subcommittee.

RAILWAY TICKETS.

Members of the Association, on application at the booking office at Leeds, and on production of their cards of membership, can have issued to them return tickets at single fares (Lancashire and Yorkshire Railway at a single fare and a fourth) available from Leeds to any station within a radius of fifty miles. The same facilities will be afforded to ladies accompanying members. Periodical tickets (first class) to Harrogate or Ilkley, available for seven days, will be issued to members of the Association at a charge of 10s. each on production of the voucher above named. These facilities will apply strictly to Leeds, and there will be no reduction in the fares charged to the members of the Association on their journey to Leeds for the meeting.

It has now been decided that Hull may be included in the range of places to which special return tickets may be issued from Leeds at a single fare for the double journey during the time that the Association is staying at Leeds.

CARDS OF MEMBERSHIP.

The cards of membership can be obtained on personal application at the Reception Room of the Mechanics' Institute, Leeds, on Monday, when it will be opened from 12 noon till 8 o'clock, and the other days of the meeting from 9 o'clock till 6 o'clock.

NOTICES OF MOTION.

Mr. RIVINGTON gives notice that he will move, on the reading of the report of the Council:

That it is the opinion of this meeting that the Members of the Royal College of Surgeons of England should have a voice in the management of that College and in the election of its Council, and that it be an instruction to the Council of this Association to further this object through the action of the Parliamentary Bills Committee or of a special committee, to be appointed for the purpose at this annual meeting.

Dr. EDWIN RICKARDS hereby gives notice that, at the Annual Meeting to be held at Leeds in August next, he will move:

That it be a recommendation to the Council of the British Medical Association that a decennial index of the contents of the BRITISH MEDICAL JOURNAL from its commencement up to the present time be made, and that in future, in addition to the annual index, a quinquennial one be issued.

Mr. J. BRINDLEY JAMES will move:

That the British Medical Association shall give active support and assistance to any scheme that has in view the establishment of hospital co-operation with a view to the better conducting of the out-patient department of our general hospitals, raising thereby the standard of hospital practice and extinguishing the *raison d'être* of so-called provident dispensaries and open surgeries, thus enabling general practitioners to gain an honourable livelihood.

Dr. OGILVIE GRANT gives notice that at the first evening general meeting at Leeds he will move:

That the travelling expenses of representatives of Branches incurred in attending meetings of the Council in London be defrayed out of the funds of the Association.

Dr. RENTOUL gives notice that he will move:

That, recognising the fact that there is an abuse of the out-patient department of our medical charities, this meeting of the British Medical Association resolves:

1. That medical practitioners and the managers of our medical charities in the various towns and cities meet together and decide who are eligible for out-patient medical aid. This meeting suggests that the following "wage limit" be adopted:—When a man and wife make 25s. per week and over, or a single person 20s. per week and over, these shall be ineligible for out-patient treatment at the medical charities—except in cases of accident—and that those earning a similar rate of wage be ineligible for "home visits;" that is, visits paid by the staff of the medical charities to sick persons at the patient's home. Further, that either the Manchester system of checking abuse, or that used at the London and St. Bartholomew's Hospitals be put into force, but that preference be given to the plan used in Manchester.

2. In order that those who shall be excluded from the out-patient department

of our medical charities (by the working of the previous resolution) may have the means of obtaining immediate and efficient medical, surgical, and dental treatment, and medicines, this meeting resolves, that a Public Medical Service—such as that suggested in the JOURNAL of June 22nd, 1889—be formed, and that this service embrace those wage-earners who are making under 45s. per week per family, and single persons under 30s. per week. And that the medical practitioners, dental surgeons, chemists, and hospital managers are requested to bring about this hospital reform, and establish a Public Medical Service with as little delay as possible.

3. That having secured hospital co-operation, and having established a Public Medical Service, the members of this Association appoint a Committee, composed of two representatives elected by each Branch, and that this Committee draw up a series of rules for the formation and working of a provident system, whereby wage-earners receiving up to 45s. per week per family, and single persons 30s. per week, may, by making periodic payments during health and sickness, provide themselves, their wives, and children with efficient medical and surgical treatment, and medicines.

4. That the principle of a "wage limit" be adopted, and worked by friendly societies, tontines, and sick insurance companies; or that a "sliding scale" of payments be made to their medical practitioners, so that the present abuses may be rectified. This scale of payments to be drawn up by the Committee constituted as by Resolution 3. This meeting suggests that the minimum medical fee paid by such sick clubs shall be 6s. per annum, per member; that the person proposed for membership pay a fee of 3s. 6d. for the medical examination (whether admitted to membership or not) to the practitioner who so examines; that the sum of 1s. be paid for each certificate to the practitioner by the person who obtains it; and that the sum of 8d. be paid for each prescription dispensed. This meeting earnestly requests the various authorities of friendly societies, tontines, and sick insurance companies, to make provision for surgical and dental treatment, and to draw up a scale of fees for the same, so that they may not be depending on the medical charities for relief.

5. That this meeting, recognising the fact that there are a great number of beds in the Poor-law infirmaries (there being no less than 12,000 in 25 metropolitan Poor-law infirmaries), and many in the various fever hospitals at present unused for the clinical teaching of students, and giving due weight to the statement made in the Metropolitan Asylums Board Report of 1889, page 18, that: "Your Committee cannot fail to observe the large proportion of mistakes that are made in the diagnoses of cases of small-pox and fever," desire to express their regret that the Poor-law infirmaries and fever hospitals are not open for the clinical instruction of medical students, and hope that the various authorities will direct their attention to the removal of the present restrictions, so that the educational standard may be improved, it being essential to the health of cities and towns that medical practitioners may be able to recognise fever cases at the earliest possible period.

6. That the Council and JOURNAL of the Association help in every legitimate way to bring the above resolutions to a successful issue.

Thursday, July 11th.

FRANCIS FOWKE,
General Secretary.

CORRESPONDENCE.

MEDICAL DEFENCE.

SIR,—In answer to your correspondent "Civis," we shall be obliged if you will allow us to give a brief *résumé* of some of the work done recently by the Medical Defence Union, and at the same time to state that if an action is brought against a member, such action being one which, to fair-thinking men, merits defending, the Medical Defence Union undertakes the whole responsibility and entire cost of the defence. Not only so, but in suitable cases we are prepared to support our members in the rôle of plaintiffs, and in such cases all penalties recovered belong unconditionally to the member for whom the Union acts.

On the other hand, we very properly have no power under our constitution to subscribe a penny-piece to an appeal on behalf of a man who is not a member. This is the reason we did not "state what financial assistance we have given to any of the numerous cases of action, criminal or civil, in which practitioners have been mulcted." Nor have we, since we are true to our fiduciary position, "contributed anything towards any of the subscription funds, or to any loss incurred by practitioners in consequence of such actions," such practitioners not being members of the Union.

Short notes of some cases undertaken by the Medical Defence Union:

Dr. J. B.—Threatened action by patient for malpraxis by Dr. B.'s qualified *locum tenens*. Quashed by prompt steps taken by the Medical Defence Union.

Dr. D. W. DAVIES.—Action brought for him by the Medical Defence Union for improper dismissal by the Great Western Railway Provident Society. Verdict for £40 and costs. Defendants appeal, and Medical Defence Union supports Dr. Davies's case in the pending appeal.

Dr. Tompkins.—Supported by the Union in his refusal to resign at the request of the Leamington guardians.

Dr. Lloyd Jones and Others.—Grievance against County Court judge. Matter investigated at length by the Union with view to petition Lord Chancellor, but relinquished for want of shorthand evidence.

now; because we can guard against the dangers which these failures have revealed. Far the greatest danger arises from the apathy of friends. It is not enough to wish us success, though they do so from their hearts; they must lend a hand to gain it. Again, one victory, however splendid, will be of no avail without the prolonged drudgery of discussing and arranging difficult details.

One reform, wisely and energetically carried out, will open the way for many more; but if the first attempt at reform is blasted at its commencement by apathy and half-heartedness, or ruined in its later stages by selfish disputes and incapacity, then a heavy blow will have been dealt to the cause of reform.

Dr. Rentoul's exertions and those of many other workers in the same field have made it impossible for anyone to deny the abuses complained of. To those who laugh at our "resolutions" and "protests," let me say that these are merely the preliminaries in the contest. This is not a mere question of conflicting interests between different branches of the profession; it is a question whether the medical profession is to continue a downward course. Even though we should at last fail to prevent this threatened degradation, let us at least know that we have tried to prevent it. Degradation of the medical profession endangers seriously the health and the lives of the public. It is not our interests we are seeking in this contest; we are working for the public good.—I am, etc.,

Highgate, N.

HUGH WOODS.

SIR,—Among the many welcome letters on hospital abuse appearing in your recent issues I fail to find one from this side of the channel. Dublin is notoriously "over-hospitalled," and such abuse is rampant.

In addition, the hospital physician and the collegiate dignitary compete with the general practitioner in every path of practice.

I trust the present agitation will bear good fruit.—I am, etc.,

A DUBLIN M.D.

SALFORD INFECTIOUS HOSPITAL.

THE Corporation of Salford have been officially informed that the Local Government Board have given their sanction to the borrowing of £13,100 for the purchase of land at Ladywell, for the erection thereon of an infectious diseases hospital.

UNIVERSITY INTELLIGENCE.

CAMBRIDGE.

CAVENDISH COLLEGE.—Open Scholarships and Exhibitions: W. Abbit, Beaumaris Grammar School, has been recommended for Clothworkers' Company's Scholarship; E. Bland, Devon County School, and J. C. Bourne, Merchant Taylors' School, have been elected to scholarships. Exhibitions have been awarded to P. Umney, Merchant Taylors' School, and A. Barraclough, North Eastern County School.

VICTORIA.

FACULTY OF MEDICINE.—The following are the results of recent examinations:

Preliminary Examination in Science—First Division: H. Ainsworth, Owens College; W. M. Brown, University College; E. Harrison, Owens College; A. W. Lilley, Owens College; A. M'Dougall, Owens College; E. E. D. Minshall, University College; H. T. Nixon, University College; D. Scaton, Yorkshire College; P. Thompson, Owens College. Second Division: R. E. Bickerton, University College; J. C. Buckley, Owens College; W. J. S. Bythell, Owens College; D. H. Cheetham, Owens College; E. L. Compston, Owens College; E. A. Goulden, Owens College; W. D. Hayward, University College; H. C. Heathcote, Owens College; S. H. House, University College; J. Howe, Owens College; M. B. James, Owens College; A. Leigh, Owens College; E. H. L. Lindon, University College; F. S. Mathwin, Owens College; T. U. Mercer, University College; A. H. Quinby, University College; M. R. Rhodes, Owens College; H. A. Robinson, University College; L. E. Scanlon, Owens College; B. Stahlknecht, University College; F. A. Storr, Yorkshire College; C. F. Thompson, Yorkshire College; J. D. Whitaker, Owens College.

Intermediate M.B. and B.Ch. Examination—First Division: J. W. Crawshaw, Owens College; J. H. Taylor, Owens College. Second Division: W. E. Barker, Owens College; J. C. Bawden, University College; A. Bicknell, University College; S. R. Knight, University College; C. H. G. Ramsbottom, Owens College; H. K. Ramsden, Owens College; G. Stowell, Owens College; W. H. Waddington, Owens College.

Distinguished in Anatomy—J. W. Crawshaw, Owens College.

Final M.B. and B.Ch. Examination (Part I.)—A. E. Brindley, Owens College; T. F. Daniels, Owens College; J. Gould, University College; W. Griffith, Owens College; J. M. H. Martin, University College; A. H.

Poole, Owens College; F. Robinson, Owens College; J. Teare, University College; L. Youatt, Owens College.

Final M.B. and B.Ch. Examination (Part II.)—First Division: A. E. Brindley, Owens College; T. N. Kelynaek, Owens College; R. E. Lord, Owens College; J. S. M'Gowan, Owens College. Second Division: R. Alcock, Owens College; A. Ashton, Owens College; J. Dunlop, Owens College; C. F. Marshall, Owens College; E. Molyneux, University College; T. Porter, Owens College; J. Simcock, Owens College; F. W. Stansfield, Owens College; J. W. Unsworth, Owens College; A. B. Watson, Owens College.

Distinguished in Medicine, Surgery, Forensic Medicine and Toxicology, and Morbid Anatomy—T. N. Kelynaek, Owens College.

Distinguished in Obstetrics—A. E. Brindley, Owens College.

Diplomas in Sanitary Science—W. B. Barclay, J. Brown, A. Chadwick, W. Dearden, W. Dick, F. W. Jordan, and W. Sellars, jun.

EDINBURGH.

MEDICAL GRADUATION.—The annual graduation ceremonial, in connection more especially with the department of medicine, took place at Edinburgh on August 1st. These meetings are still held in the United Presbyterian Synod Hall, but it is anticipated that these "loan" exhibitions will shortly be replaced with something more academic, when the McEwan Hall, now rapidly progressing, is completed. In the absence of the Chancellor of the University, Principal Sir William Muir, Vice-Chancellor, presided at the function. The degree of Doctor of Medicine was conferred on fifty-nine Bachelors of Medicine. This number shows an increase of eleven over last year's graduation. The following received the degree with highest academic honours, obtaining a gold medal for the thesis: Dr. Herbert H. Ashdown (A Study of the Functions of the Kidney: an Experimental Research), Dr. J. W. Ballantyne (Normal and Pathological Anatomy of the Newborn Infant, Studied in Frozen Sections and Applied to Midwifery), Dr. A. T. M. Bentley (Beri-beri: its Etiology, Symptoms, Pathology, and Treatment), Dr. K. M. Douglas (On Hernia), Dr. T. A. Helme, (Anatomy and Physiology of the Uterus, and Physiological Action of Drugs upon it), Dr. H. A. Thomson (Tuberculosis of Bones and Joints), Dr. T. Tillie (Contributions to the Pharmacology of Curare, Curarin, and Methyl Strychnium), and Dr. H. F. Waterhouse (An Experimental Inquiry into the Influence of Certain Factors in the Causation of Peritonitis). The degrees of M.B. and C.M. were conferred on 164 gentlemen. This is a less number by twenty-eight than for the corresponding graduation last year. Of these ten graduated with First Class Honours, and nine with Second Class Honours. The following Prizes and Scholarships were awarded: the Ettles Scholarship to E. G. Pilgrim, M.B., C.M.; the Beaney Prize to F. G. Pilgrim, M.B., C.M.; the Syme Surgical Fellowship to A. G. Edington, M.B., C.M.; the Goodsir Memorial Prize to H. F. Waterhouse, M.D.; the Murchison Scholarship in Clinical Medicine to A. T. Whiting, M.B., C.M.; the Buchanan Scholarship in Gynaecology to G. Williamson, M.B., C.M.; the James Scott Scholarship in Midwifery to T. Lachie, M.B., C.M.; the Gunning Victoria Jubilee Edward Forbes Prize in Zoology to P. T. White, M.B., C.M.; the Gunning Christison Prize in Materia Medica to J. Tillie, M.D.; the Gunning John Thompson Prize to R. Muir, M.B.; the Gunning Allison Prize in Public Health and Medical Jurisprudence to J. A. Blair, M.B., C.M.; the Gunning Simpson Prize to J. W. Ballantyne M.D.; the Dobbie-Smith Gold Medal in Botany to G. Mann; and the Cameron Prize in Therapeutics to M. Pasteur, LL.D. (Edinburgh), Paris, in recognition of the high importance and great value to practical therapeutics of the treatment of hydrophobia discovered by him. Professor Crum Brown was "promoter" for the year, and addressed the graduates shortly on their prospective duties and responsibilities.

ABERDEEN.

GRADUATION IN MEDICINE, 1889.—The following candidates received degrees in Medicine and Surgery:

The Degree of M.D.—J. W. Beattie, M.B., C.M., Sunderland; J. Bryce, M.B., C.M., Herts; J. C. G. Carmichael, M.B., C.M., Surgeon-Major, Bengal; F. L. Collie, M.B., C.M., Aberdeen; H. C. Gordon, M.B., C.M., Army Medical Service; J. M. Lamb, M.A., M.B., C.M., North Borneo; J. Masson, M.B., C.M., Lancashire; J. G. Middleton, M.B., C.M., Nice; E. Poonen, M.B., C.M., B.A. (Madras), India; C. L. Swaine, M.B., C.M., Army Medical Service; R. G. Wills, M.B., C.M., Bath.

The Degree of M.B. and C.M.—C. Aymer, Laurencekirk; G. Black, Auchmill; R. S. Black, M.A., Inverness; F. W. Counter, Australia; E. T. Cox, Alton, Hampshire; F. B. Croucher, London; A. R. Cushny, M.A., Speymouth; W. C. Dale, M.A., Aberdeen; G. Dean, M.A., Aberdeen; C. F. Fearnside, M.A., Aberdeen; H. E. Fernandez, Herts; F. C. F. Forbes, India; J. Fraser, Beaulieu; A. F. Gammack, Aberdeen; D. W. Geddie, M.A., Banff; J. A. R. Glennie, Aberdeen; W. Goodwin, St. Albans; J. Grant, Tomintoul; J. E. D. Jones, Cawnpore; F. Kelly, Aberdeen; J. C. M. Kinnear, Montrose; G. A. Lang, Inverness; A. Little, Kinneff; F. W. Ludlow, Germany; A. M'Gillivray, Inverness;

W. S. M'Gowan, M.A., Aberlour; T. M'Hardie, Morayshire; J. M'Rae, M.A., Mintlaw; D. J. Macdonald, Lewis; A. W. Mackay, M.A., Aberdeen; N. Mackinnon, Skye; A. R. Mackinnon, Aberdeen; N. M. MacFarlane, Stanley; D. MacRitchie, Inverness; C. F. G. Mann, Grantown; W. E. Munro, Dornoch; F. Noble, Aberdeen; A. A. Philip, Aberdeen; J. P. Philip, New Deer; J. Reid, Rothiemay; D. Reid, M.A., Aberdeen; W. R. Reith, M.A., Aberdeen; D. Renney, Aberdeen; A. Rose, Nairn; H. Ross, Ross-shire; A. M. de Saram, Ceylon; L. M. Scott, M.A., Aberdeen; H. C. Seneviratne, L.M.S. Madras University, Ceylon; W. C. Sheard, Yorkshire; G. J. Silver, Crief; D. M. Smith, M.A., Aberdeen; J. F. Souter, Orange, N.S.W.; E. Stevenson, Birkenhead; W. G. Sutherland, Newcastle-on-Tyne; W. C. Taylor, Aberdeen; W. Thomson, Montrose; R. Thomson, Nairn; J. M. Trail, Aberdeen; J. Troup, Aberdeen; J. Valentine, Montrose; J. L. Watt, M.A., Stonehaven.

A. G. Johnston, Aberdeen, has passed the examinations for the degree of M.B. and C.M., but will not graduate until he has attained the necessary age.

Graduation Honours.—The following gentlemen graduated with honours:

Highest Academical Honours:—A. R. Cushny, M.A.; A. Rose.

Honourable Distinction:—G. Dean, M.A.; D. W. Geddie, M.A.; A. M'Gillivray.

The John Murray Medal and Scholarship (awarded to the most distinguished graduate of the year):—A. R. Cushny, M.A.; A. Rose, *proxime accessit*.

The George Thompson Fellowship:—A. R. Cushny, M.A.; W. L. Mackenzie, M.A., *proxime accessit*.

The Diploma in Public Health:—R. S. Black, M.A., M.B., C.M.; A. L. Duke, M.B., C.M.; J. W. Mason, M.B., C.M.; D. J. M'Donald, M.B., C.M.; R. B. T. Stephenson, M.B., C.M.; E. W. Webb, M.D., Surgeon-Major.

PUBLIC HEALTH AND POOR-LAW MEDICAL SERVICES.

HEALTH OF ENGLISH TOWNS.

In twenty-eight of the largest English towns, including London, which have an estimated population of 9,555,406 persons, 5,471 births and 3,850 deaths were registered during the week ending Saturday, July 27th. The annual rate of mortality in these towns, which had been 21.5 and 21.0 per 1,000 in the two preceding weeks, was again 21.0 during the week under notice. The rates in the several towns ranged from 10.7 in Huddersfield, 12.2 in Derby, 14.6 in Brighton, and 16.4 in Bristol, to 26.3 in Liverpool, 27.2 in Sunderland, 28.0 in Plymouth, and 48.6 in Preston. In the twenty-seven provincial towns the mean death-rate was 23.0 per 1,000, and exceeded by 4.4 the rate recorded in London, which was only 18.6 per 1,000. The 3,850 deaths registered during the week under notice in the twenty-eight towns included 682 which were referred to diarrhoea, 91 to measles, 91 to whooping-cough, 67 to diphtheria, 57 to scarlet fever, 31 to "fever" (principally enteric), and not one to small-pox; in all, 999 deaths resulted from these principal zymotic diseases, against numbers increasing from 399 to 1,018 in the five preceding weeks. These 999 deaths were equal to an annual rate of 5.5 per 1,000; in London the zymotic death-rate was 4.4, while it averaged 6.3 per 1,000 in the twenty-seven provincial towns, and ranged from 1.3 in Wolverhampton, 1.7 in Huddersfield, 2.1 in Brighton, and 2.6 in Halifax, to 8.9 in Leeds, 9.4 in Salford, 10.0 in Plymouth, and 22.0 in Preston. Measles caused the largest proportional fatality in Halifax, Hull, Leeds, and Preston; scarlet fever in Liverpool, Oldham, Huddersfield, Blackburn, and Plymouth; whooping-cough in Bradford and Birkenhead; "fever" in Preston; and diarrhoea in Birmingham, Sunderland, Derby, Leeds, Leicester, and Preston. Of the 67 deaths from diphtheria recorded during the week under notice in the twenty-eight towns, 44 occurred in London, 7 in Bradford, 5 in Salford, 3 in Plymouth, and 2 in Liverpool. No fatal case of small-pox was registered during the week, either in London or in any of the twenty-seven provincial towns; and no small-pox patients were under treatment in any of the Metropolitan Asylums Hospitals on Saturday, July 27th. These hospitals contained, however, 629 scarlet fever patients on the same date, against numbers increasing from 538 to 591 in the four preceding weeks; 108 cases were admitted during the week, against numbers rising from 30 to 85 in the six previous weeks. The death-rate from diseases of the respiratory organs in London during the week under notice was equal to 1.9 per 1,000, and was below the average.

In twenty-eight of the largest English towns, including London, which have an estimated population of 9,555,406 persons, 5,770 births and 3,763 deaths were registered during the week ending Saturday, August 3rd. The annual rate of mortality in these towns, which had been 21.0 per 1,000 in each of the two preceding weeks, declined to 20.5 during the week under notice. The rates in the several towns ranged from 14.1 in Brighton, 14.8 in Birkenhead, and 15.7 in Bristol and in Huddersfield to 25.9 in Newcastle-upon-Tyne, 27.0 in Manchester, 28.8 in Sunderland, and 42.6 in Preston. In the twenty-seven provincial towns the mean death-rate was 22.4 per 1,000, and exceeded by 4.0 the rate recorded in London, which was 18.4 per 1,000. The 3,763 deaths registered in the twenty-eight towns during the week under notice included 578 which were referred to diarrhoea, 79 to measles, 69 to whooping-cough, 65 to diphtheria, 59 to scarlet fever, 41 to "fever" (principally enteric), and not one to small-pox; in all, 891 deaths resulted from these principal zymotic diseases, against 1,018 and 998 in the two preceding weeks. These 891 deaths were equal to an annual rate of 4.9 per 1,000; in London the zymotic death-rate was 3.7, while it averaged 5.8 per 1,000 in the twenty-seven provincial towns, and ranged from 1.9 in Wolverhampton, 2.6 in Derby, and 2.8 in Huddersfield to 7.6 in Salford, 8.9 in Sunderland, 10.0 Plymouth, and 19.5 in Preston. Measles caused the highest proportional fatality in Plymouth, Newcastle-upon-Tyne, Leeds, Halifax, and Preston; scarlet fever in Huddersfield, Bolton, and Plymouth; whooping-cough in Portsmouth and Sunderland; "fever" in Preston; and diarrhoea in Salford, Sunderland, Birmingham, Leicester, and Preston. Of the 69 deaths from diphtheria recorded during the week under notice in the twenty-eight towns, 45 occurred in London, 5 in Manchester, 3 in

Salford, and 3 in Sunderland. No fatal case of small-pox was registered either in London or in any of the twenty-seven provincial towns, and no small-pox patients were under treatment in any of the Metropolitan Asylums Hospitals on Saturday, August 3rd. These hospitals contained, however, 695 scarlet fever patients on the same date, against numbers increasing from 538 to 629 during the five preceding weeks; 120 cases were admitted during the week, against numbers rising from 30 to 108 in the seven previous weeks. The death-rate from diseases of the respiratory organs in London was equal to 2.2 per 1,000, and was slightly below the average.

HEALTH OF SCOTCH TOWNS.

DURING the week ending Saturday, July 27th, 763 births and 459 deaths were registered in the eight principal Scotch towns. The annual rate of mortality, which had been 18.6 and 19.6 per 1,000 in the two preceding weeks, declined again to 17.9 during the week under notice, and was 3.1 per 1,000 below the mean rate during the same period in the twenty-eight large English towns.

Among these Scotch towns the lowest rates were recorded in Dundee and Edinburgh, and the highest in Glasgow and Paisley. The 459 deaths in these towns during the week under notice included 95 which were referred to the principal zymotic diseases, equal to an annual rate of 3.7 per 1,000, which was 1.8 below the mean zymotic death-rate during the same period in the large English towns. The highest zymotic death-rates were recorded in Leith and Paisley. The 205 deaths in Glasgow during the week included 17 from diarrhoea, 13 from whooping-cough, 4 from measles, 4 from diphtheria, 3 from "fever," and 1 from scarlet fever. Seven fatal cases of measles occurred in Leith, and 6 in Aberdeen. The death-rate from diseases of the respiratory organs in these towns was equal to 2.2 per 1,000, against 1.9 in London.

HEALTH OF IRISH TOWNS.

In the sixteen principal town districts of Ireland the deaths registered during the week ending Saturday, July 27th, were equal to an annual rate of 22.3 per 1,000. The lowest rates were recorded in Sligo and Londonderry, and the highest in Lurgan and Wexford. The death-rate from the principal zymotic diseases averaged 3.6 per 1,000. The 168 deaths registered during the week in Dublin were equal to an annual rate of 24.8 per 1,000 (against 16.3 and 22.8 in the two preceding weeks), the rate for the same period being only 18.6 in London and 15.0 in Edinburgh. These 168 deaths included 23 which resulted from the principal zymotic diseases (equal to an annual rate of 3.4 per 1,000), of which 12 were referred to diarrhoea, 4 to "fever," 4 to measles, and 3 to whooping-cough.

OBITUARY.

SURGEON GEORGE SCOTT TATE, M.D., A.M.S.

WE regret to announce the death of Surgeon George Scott Tate, M.D., A.M.S., of Ballynote House, Downpatrick, Ireland, on July 8th, from enteric fever. Dr. Tate, after passing through the usual course at the Netley Medical School, received his commission as surgeon in January, 1886; the following year he arrived in India, and was stationed almost throughout his whole service in the Sirhind District, and latterly at Umballa, the headquarters. Here he had been selected to officiate as staff-surgeon, and his duties through the hot season were of an arduous and responsible character, involving much exposure to climate. On June 17th, he left Umballa on eight days' leave to visit a friend at Kausauli, the convalescent hill depot of the district. On the day after his arrival, there was evidence that he was suffering from enteric fever, and of so severe a type that it was deemed advisable to remove him to Lady Roberts's Hospital for Officers, where he had the advantage of trained and experienced nursing, and was placed under the most favourable circumstances. He appeared to be doing fairly well until June 30th, but he died on July 8th. His death was announced to the Sirhind Command by the General Officer commanding the Sirhind District in a special district order, which, after an expression of deep regret at Surgeon Tate's early death, concluded with the following words: "The deceased was a zealous officer, and by his unwearied care of, and attention to, the sick had made himself deservedly popular with all ranks. By his death, Her Majesty's service has suffered the loss of a most devoted and promising medical officer." Expressions of regret have been received from the Surgeon-General Her Majesty's Forces in India, and from numerous other officers.

The funeral took place on July 9th, and was attended by all the officers of the garrison as well as by many of the soldiers and officers of the Army Medical Staff from the hill stations of Subathu, Dughoi, and Solon. As a mark of respect to his memory, all officers of the Army Medical Staff in the Sirhind District were requested to wear mourning for one month. Referring to the sad fate which has befallen this young officer at the beginning of a bright and promising career, the correspondent, to whom we are indebted for the particulars already given, speaks of his upright and honourable character, his sterling worth, and kindly disposition, which caused him to be beloved by both officers and soldiers, and by all who knew him; and adds: "He was a good type of what a medical officer should be. By his death the Army Medical Staff has suffered a great loss."

MEDICAL NEWS.

HOSPITAL SATURDAY IN BELFAST.—Saturday, August 3rd, was the day appointed for the annual street collection in Belfast on behalf of the Royal Hospital. The amount realised was £300, which includes the proceeds of an amateur performance at the Theatre Royal in aid of the fund. While this sum is hardly commensurate with the size and wealth of such a city as Belfast, it is satisfactory to note that it is a considerable increase upon the amounts realised in the two previous years.

DIET IN CASES OF FOREIGN BODY IN THE ALIMENTARY CANAL.—At a recent meeting of the Société Vaudoise de Médecine, Dr. Roux, of Lausanne, communicated the case of a woman who, having undergone Schoenborn's plastic operation on the soft palate (destroyed by syphilis), swallowed a curved needle fixed in the retropharyngeal flap. She was treated by feeding with potatoes alone, in large quantities, with the result that the foreign body was discharged with the feces on the third day, without having caused any unpleasant symptoms from the first to last.

FATAL CASE OF FLOATING KIDNEY.—Under this heading appeared a hospital report in the *New Orleans Medical and Surgical Journal*, for July. As the treatment of floating kidney, and the alleged dangers of that abnormal condition are the subjects of much controversy, this case deserves both notice and comment. Dr. J. T. B. Berry had under his care a woman, aged 42, of "splendid physique." Her health had failed since her last confinement, two years before she came under his observation. She suffered from pain and attacks of indigestion. On careful examination, repeated a second time, Dr. Berry diagnosed a floating kidney. He did not advocate any operation. Six weeks after he saw the patient she had a sudden and violent attack of peritonitis; the abdomen became very tympanitic, and she died in thirty-six hours. Dr. Berry observes, "Doubtless the peritonitis was caused by the escape of some fluid into the peritoneal cavity, perhaps of pus from an abscess about the kidney, or, possibly, of urine through a perforation of the ureter. From the extreme mobility of the tumour, the ureter must often have been greatly twisted and distended, enough so, perhaps, not to render a rupture or perforation altogether improbable." Dr. Berry did well to publish this undoubtedly interesting case, but it is most unfortunate that no necropsy was recorded in his report.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—The following gentlemen, having passed the necessary examinations, were, at the ordinary meeting of Council on August 1st, admitted Members of the College, namely:

- *Aaron, David Jacob, L.R.C.P.Lond., King's College.
- Aylward, Walter Charles, L.R.C.P.Lond., 76, Fore Street, Ipswich.
- Barber, Sidney Frederick, L.R.C.P.Lond., 5, Hounslow Road, Sheffield.
- Barkworth, Henry Smith, L.R.C.P.Lond., Ryde Vale Road, Balham.
- *Basu, Dáman Dás, L.S.A., 32, Trinity Square, S.E.
- Beauchamp, Sydney, L.R.C.P.Lond., Caius House, Battersea.
- Bennett, Christopher Henry Wentworth, L.R.C.P.Lond., Shrewbridge Hall, Nantwich.
- Bennett, Colin Edward Wilmot, L.R.C.P.Lond., 10, Seaton Avenue, Plymouth.
- Berryman, Henry Arthur, L.R.C.P.Lond., 29, Fairholme Road, West Kensington.
- *Best, William Jenner, L.S.A., 10, Uppgate, Louth, Lincolnshire.
- Bishop, Reginald Wm. Snowden, L.R.C.P.Lond., 11, Porchester Gardens, W.
- Bokenham, Thomas Jessopp, L.R.C.P.Lond., Albury Lodge, Cheshunt.
- *Bowly, George Herbert, L.R.C.P.Lond., 51, Torrington Square, W.C.
- Bowman, Henry Moore, L.R.C.P.Lond., Vicarage, New Southgate, N.
- Brown, David, L.R.C.P.Lond., 11, Queen Elizabeth's Walk, Stoke Newington.
- Carpenter, Edgar Godfrey, L.R.C.P.Lond., 5, The Avenue, Bedford Park, Chiswick.
- Challis, Henry Thornton, L.R.C.P.Lond., 65, Amhurst Road, Hackney.
- Charles, William Henry, L.R.C.P.Lond., Glebeland, Merthyr Tydvil.
- *Clarke, John Kempe, L.R.C.P.Lond., Whitechurch Vicarage, Cardiff.
- Clarke, John Tertius, L.R.C.P.Lond., 47, Richmond Ter., Fentiman Rd., S.W.
- *Clarke, Thomas Henry, L.S.A., 12, Montague Place, Poplar, E.
- Clemson, Thomas Fletcher, L.R.C.P.Lond., Lever House, Bolton-le-Moors, Lancashire.
- Colyer, James Frank, L.R.C.P.Lond., Hazeldene, Thurlow Park Road, Dulwich.
- *Cooper-Pattin, William Harry, L.R.C.P.Lond., Jesus College, Cambridge.
- *Coryn, Herbert Alfred William, L.S.A., 153, Acre Lane, Brixton, S.W.
- Creswell, John Edwards, L.R.C.P.Lond., 6, Douro Place, Victoria Road, W.
- *Crompton, Ernest, L.R.C.P.Lond., St. Leonards, Exeter.
- Crook, Arthur, L.R.C.P.Lond., 4, Arbour Square, E.
- Crosse, Reginald Edward, L.R.C.P.Lond., St. Giles, Norwich.
- Crump, Thomas Greenwood, L.R.C.P.Lond., Winterdyne Villa, Kidderminster.
- Curwen, Eliot, L.R.C.P.Lond., Westbridge, Prince Arthur Rd., Hampstead.
- Dallas, Stuart Alexander Charles, L.R.C.P.Lond., 34, St. James Street, Bedford Row, W.C.

- Daniel, Herbert, L.R.C.P.Lond., Wymondham, Norfolk.
- *Dawson, Ernest, L.R.C.P.Lond., The Mount, Hampstead, N.W.
- De Jersey, Walter Brock, L.R.C.P.Lond., 63, Lambeth Palace Road, S.E.
- *Dennison, Tom Stephenson, L.R.C.P.Lond., Melrose Vill., Spring Bank, Hull.
- Dodwell, Philip Rashleigh, L.R.C.P.Lond., 136, Stanhope Street, N.W.
- Eaves, Wilberforce Vaughan, L.R.C.P.Lond., Shepherd's Hill, Hornsey.
- Farington, John, L.R.C.P.Lond., Overton Villa, Manley Road, Alexandra Park, Manchester.
- *Farquharson, George Sinclair, L.S.A., 31, Marquess Road, Canonbury, N.
- Fazan, Charles Herbert, L.R.C.P.Lond., 60, St. Helen's Gardens, North Kensington, W.
- Fitz-Gerald, Edward Desmond, L.R.C.P.Lond., 10, West Ter., Folkestone.
- Folker, Herbert Henry, L.R.C.P.Lond., Bedford House, Hanley, Staffs.
- Forward, Francis Edward, L.R.C.P.Lond., Forton House, Chard, Somerset.
- Foster, Alfred, L.R.C.P.Lond., 13, Delamere Street, W.
- Frossard, Emilien Edward, L.R.C.P.Lond., 5, Albion Road, St. John's, S.E.
- *Gilchrist, Alexander William, Middlesex Hospital, W.
- Graveley, Ronald Thomas, L.R.C.P.Lond., Cowford, near Horsham, Sussex.
- Griffith, John, L.R.C.P.Lond., 5, Leamington Villas, Acton, W.
- Habbijam, Ernest Thomas, L.R.C.P.Lond., 259, Uxbridge Road, W.
- *Hale, Edward, L.R.C.P.Lond., 11, Greenheys, Liverpool.
- Hall, Walter, L.R.C.P.Lond., Gordon Mount, Bevois Hill, Southampton.
- Hamilton, Henry, L.R.C.P.Lond., Falkland House, Church End, Finchley.
- *Harrison, James Herbert Hugh, L.R.C.P.Lond., University College, W.C.
- Haslett, William John, L.R.C.P.Lond., Flower Hill, Donegal, Ireland.
- *Heberden, William Stanley, L.R.C.P.Lond., Camden House, Weybridge.
- Henniker, John Granville, L.R.C.P.Lond., Albert Gate Mansion, Knightsbridge, S.W.
- Hicks, Edward James, L.R.C.P.Lond., 149, Amhurst Road, Hackney Downs, N.E.
- Hill, Leonard Brskine, L.R.C.P.Lond., 1, Nassington Road, Hampstead.
- Hinds, Thomas Walter, L.R.C.P.Lond., Beechhurst, Goudhurst.
- Hitchon, Henry Hardacre Irving, L.R.C.P.Lond., Rochdale Road, Heywood, Lancashire.
- *Holman, Henry James, L.R.C.P.Lond., 6, Commerce Place, North Dulwich, S.E.
- *Holmes, James Willie, L.R.C.P.Lond., 74, Uppertorpe, Sheffield.
- Horden, Herbert Henry, L.R.C.P.Lond., University College, W.C.
- Hore, Ernest Wickham, L.R.C.P.Lond., University College, W.C.
- *Howse, Arthur Edward, L.S.A., 11, Kingswood Road, Clapham Park.
- *Hunt, Arthur Henry William, L.R.C.P.Lond., Westminster Hospital.
- Hutchinson, Roger Jackson, L.R.C.P.Lond., 15, Cavendish Square, W.
- Jackson, Basil Frederic Forrester, L.R.C.P.Lond., 74, Cornwall Rd., Brixton.
- Jacobsen, George Oscar, L.R.C.P.Lond., 18, Gordon Street, W.C.
- *Jessop, John William, L.R.C.P.Lond., Crediton, Devonshire.
- Johnson, Henry Percival, L.R.C.P.Lond., 154, Sloane Street, S.W.
- Johnstone, John Lloyd, L.R.C.P.Lond., Fisher House, Orreh, Wigan.
- Jones, Arthur Wentworth, L.R.C.P.Lond., Godington Rectory, Bicester.
- Jordan, Henry Martyn, L.R.C.P.Lond., 50A, Trinity Square, S.E.
- Kent, Charles Arthur, L.R.C.P.Lond., 42, Craven Hill Grdms., Lancaster Gate.
- *Kent, Robert Thomas, L.R.C.P.Lond., 4, Mornington Crescent, N.W.
- Kerr, George Douglas, L.R.C.P.Lond., 4, Weck Road, West Hampstead.
- Lambert, Thomas Wilson, L.R.C.P.Lond., 62, Lambeth Palace Road.
- Lange, André Philip, L.R.C.P.Lond., 11, Claverton Street, S.W.
- Lea, Arnold William Warrington, L.R.C.P.Lond., Bridge House, Sandbach, Cheshire.
- Lemen, Edward Henry, L.R.C.P.Lond., 18, Derwent Road, Anerley, S.E.
- *Light, Edwin Mellor, L.R.C.P.Lond., 79, Lambeth Palace Road, S.E.
- Lloyd, John Wesley, L.R.C.P.Lond., 34, Mount Pleasant, Liverpool.
- Lodwidge, William Charrott, L.R.C.P.Lond., Ashley Lodge, Basingstoke.
- Long, Edward Charles, L.R.C.P.Lond., Dewetsdorp, Orange Free State.
- Mack, Cyril Gordon, L.R.C.P.Lond., 28, St. Paul's Road, Canonbury, N.
- *Masser, Edward Charles, L.S.A., St. George's, Oakengates, Salop.
- Morgan, Samuel Wolfstan, L.R.C.P.Lond., 13, Cotfield Road, Clifton, Bristol.
- Munday, Richard Cleveland, L.R.C.P.Lond., Royal Naval Hospital, Plymouth.
- *Murray, George, L.R.C.P.Lond., 65, Green Street, Park Lane.
- Oakeshott, Walter Field, L.R.C.P.Lond., Wasdale, Cromwell Avenue, Highgate, N.
- Offord, James Albert, L.R.C.P.Lond., St. Giles, Norwich.
- Oldham, George Frederick, L.R.C.P.Lond., 104, Norfolk Rd., Dalston, N.E.
- *Osborne, Frank, L.S.A., 1, Monmouth Place, Bath.
- Osburn, Harold Burgess, L.R.C.P.Lond., 21, Cedars Road, Clapham, S.W.
- Parham, Hetman Charles Harris, L.R.C.P.Lond., Maisonette, Mount Ephraim Road, Streatham.
- Paton, Edward Percy, L.R.C.P.Lond., 103, Highbury Quadrant, N.
- Pearce, Frederick William, L.R.C.P.Lond., 7, Marquess Road, Canonbury.
- *Plummer, Richard Henry, M.D. California, 28, Gower Street, W.C.
- *Ramsden, Herbert, L.R.C.P.Lond., Dobcross, Saddleworth.
- Robinson, Edward Herbert, L.R.C.P.Lond., 223, Cross Lane, Salford, Manchester.
- *Russell, William Alfred, L.R.C.P.Lond., 184, Aldersgate Street, E.C.
- Saill, Victor Salron, L.R.C.P.Lond., 1, Maryon Terrace, Hampstead, N.W.
- *Scott, Sack Noy, L.R.C.P.Lond., St. Austell, Cornwall.
- *Seacombe, Samuel Hubert, L.S.A., 152, Whitechapel Road, E.
- Sellers, Arthur Edward, L.R.C.P.Lond., Grove Place, Dalton, Huddersfield.
- *Shadwell, Henry Eugene, L.R.C.P.Lond., Lamorna, Oxford Road, Putney.
- Sharpin, Archdale Lloyd, L.R.C.P.Lond., St. Paul's Square, Bedford.
- Smith, Richard Arthur, L.R.C.P.Lond., 11, Belsize Square, Sch. Hampstead.
- Spratt, Ernest Richard Woody, L.R.C.P.Lond., Titchhurst, Egerton Park, Rock Ferry, Cheshire.
- Stocken, Leslie Maury, L.R.C.P.Lond., 5, Madeley Road, Ealing.
- Stocker, Walter Woodley, L.R.C.P.Lond., 39, St. James's Sq., Notting Hill.
- Swallow, Allan James, L.R.C.P.Lond., 313, Clapham Road, S.W.
- Swift, Sidney Sampson, L.R.C.P.Lond., 36, Linnet Lane, Liverpool.
- Sykes, John Herbert, L.R.C.P.Lond., 5, Walmer Road, Birkdale, Southport.
- *Talent, John William, M.B. Edin., District Infirmary, Ashton-under-Lyne.
- *Tibbles, William, L.R.C.P.Lond., 245, Radford Road, Nottingham.
- *Verano, Louis Lawrence, L.S.A., 56, Torrington Square, W.C.
- Vise, Arthur Blithe, L.R.C.P.Lond., Holbeach, Lincolnshire.
- *Wakeham, Charles Henry, L.R.C.P.Lond., 186, Amhurst Road, Hackney.

Walker, George, L.R.C.P.Lond., 35, Woodvale, Lordship Lane, S.E.
Wallace, Richard Teale, L.R.C.P.Lond., Cravenhurst, Stamford Hill.
*Ware, Ernest Edwin, L.R.C.P.Lond., 83, Lambeth Palace Road, S.E.
Wickham, Gilbert Henry, L.R.C.P.Lond., 59, Lambeth Palace Road, S.E.
Wilkinson, James Howard, L.R.C.P.Lond., Bank House, Dudley, Worcs.
*Winn, Thomas Cromwell, L.S.A., 161, Well Street, South Hackney.
Worboys, Thomas Saunders, L.R.C.P.Lond., 3, Hayter Road, Brixton.
*Yeld, Walter Harry, L.R.C.P.Lond., Churchgate House, Stockport.

*Candidates who have not presented themselves under the regulations of the Examining Board in England.

ROYAL COLLEGES OF PHYSICIANS AND SURGEONS, EDINBURGH, AND FACULTY OF PHYSICIANS AND SURGEONS, GLASGOW.—The following are the results of the quarterly examinations for the Triple Qualification, held in Glasgow in July:

First Examination.—Of 62 candidates, the following 38 passed: S. E. Jones, Flintshire; R. Owen, Carnarvonshire; R. Foster, Hartlepool; H. J. Cosgrove, Dumfries; G. Crawford, Co. Antrim; A. W. Forrester, Co. Antrim; Mary C. Murdoch, Elgin; Kate E. Pepper, London; Susanna R. Beck, Dorking, Surrey; R. T. Davies, Cerrig-y-Druidion; A. R. Huxley, Groombridge, Kent; Rosa E. Bale, Westcott, Barnstable; J. M. Macmillan, Glenbarr, Argyllshire; Janet M. C. Gray, Bathgate; C. A. Foyl, Liverpool; B. Wiggins, Glengarnock, Ayrshire; J. Devon, Glasgow; J. P. T. Burke, Co. Tipperary; Lucille D. Leslie, Margate; Edith L. Nicholas, Dalston; Emily G. Kent, Rochdale; W. P. Willis, St. Louis, U.S.A.; I. Baldwin, Yorkshire; Janette F. A. Wallace, Inverness-shire; W. Dill, Cork; A. Cumming, Hull; E. Walsh, Limerick; E. R. Pollard, Burnley; R. A. Potterton, Co. Meath; R. Murdoch, Old Cumnock; E. W. F. Kirkman, Dublin; S. J. C. Solomon, Calcutta; W. Bratton, Omagh; D. Riordan, Co. Cork; J. T. Jameson, Ponteland; W. R. Abernethy, Londonderry; D. Donnelly, Kerry; A. P. Stinson, Armagh.

Second Examination.—Of 68 candidates, the following 32 passed: T. B. Kelly, Galway; D. Doherty, Donegal; P. W. M. Gregor, Glasgow; J. Hamilton, Lanark; D. M. Crorie, Kilwinning; Charlotte M. Wheeler, Coppenhall, Crewe; Elizabeth M. Harris, Calne; J. W. Wilkinson, Queen's County; F. Hall, Bury, Lancashire; A. C. Burrows, Waterford; J. C. Sturdy, Ruswarp; T. E. Hughes, Rhyl; H. M. Bayer, Kilmalleck, Co. Limerick; Anne E. Wilson, Baltimore, U.S.A.; Harriet M. M. Hughes, London; T. L. Lynch, Co. Kerry; J. Craig, Glasgow; P. T. James, Glamorgan; S. Martyn, Bombay; C. F. Britto, Goa; R. M. Stokes, South Africa; F. Nuttall, Bury, Lancashire; A. J. Clark, Forfarshire; G. Macdonald, Kirkintilloch; A. F. Walker, Liverpool; J. Lane, Co. Cork; T. Davies, B.A., Victoria; J. Hodgson, Calne; R. Smith, South Australia; E. Hartley, Blackpool; A. G. Merson, Banffshire; H. C. Darby, Cradley, Staffordshire.

Final Examination.—Of 49 candidates, the following 24 passed, and were admitted L.R.C.P.E., L.R.C.S.E., and L.F.P. and S.G.: J. Round, Dudley; J. A. Hamilton, Brighton; Edith E. Ward, London; J. P. Granger, Glasgow; A. M. Fort, Glasgow; R. A. Robinson, Co. Derry; R. T. Williams, Glamorgan; F. G. Philippo, Jamaica; E. R. P. Watkins, Abergavenny; D. H. Stephens, North Shields; R. Steel, Kilbride, Ayrshire; W. C. Lancaster, Dublin; W. P. Loneragan, Glasgow; F. Castle, London; H. F. W. de Montmorency, Co. Carlow; H. W. Fisher, Liverpool; T. Meiring, Worcester, Cape of Good Hope; P. Campbell, Perthshire; D. Thomson, Newcastle-on-Tyne; F. J. Woods, Banbridge; A. Ross, Edinburgh; J. R. Jones, Festiniog, North Wales; M. R. Callender, South Shields; W. A. P. Ternan, Dundee.

FACULTY OF PHYSICIANS AND SURGEONS OF GLASGOW.—At the recent sitting of the Board of Examiners for the Fellowship, the following gentleman passed the necessary examination, and he was admitted at the August meeting of Faculty:

D. C. G. Bourns, L.R.C.P.Ed., L.R.C.S.I., Surgeon-Major Army Medical Staff.

At the July sittings of the examiners for the Licence, the following were admitted Licentiates:

L. P. Banks, L.K.Q.C.P.L., Sharnbrook, Bedford; G. J. M'Coull, L.R.C.P. Edin., Ovington-on-Tyne.

At the July sittings of the Board of Examiners in Public Health, the following were admitted Diplomates in Public Health:

W. T. Hodge, M.K.C.S., Esh, Durham; J. S. Rosser, M.B., Morriston, Glamorgan.

At the July sittings of the Dental Board, the following were admitted Licentiates in Dental Surgery:

W. J. Royal, Weymouth; F. P. Nattruss, Nottingham; W. Wallace, M.A., M.B., C.M., Glasgow; A. Berkley, Brighton; J. G. Biggs, Glasgow; W. Geekie, Oxford.

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

F. Johnson, Surgeon-Major Medical Staff; W. B. Stokes, Surgeon Medical Staff; I. O'Farrell, Surgeon-Major Medical Staff; W. G. H. Henderson, Surgeon-Major Bombay Army; C. B. Gaffney, L.R.C.S.I., L.K.Q.C.P.I.

The following gentleman, having passed the necessary examinations, received the Diploma in Public Health:

J. H. Griffin, M.D., F.R.C.S., L.R.C.P.Lond., etc.

KING AND QUEEN'S COLLEGE OF PHYSICIANS AND ROYAL COLLEGE OF SURGEONS IN IRELAND.—Conjoint Examinations held in July, 1889. The following candidates have passed their

respective examinations under the conjoint scheme between the above Royal Colleges:

First Professional Examination.—T. E. Cotter, E. D. Cameron, W. F. Pigott, T. N. Redington, D. B. Taylor, G. W. T. Clarke, J. H. O'Neill, S. P. Callaghan, A. Aiken, E. M. F. Alleyne, W. H. Anderson, Miss M. S. Bell, W. H. G. H. Best, W. Black, W. S. Burke, J. W. Burne, A. C. Callaghan, E. L. Cambie, J. P. Cassidy, J. M. A. Clifford, A. J. S. Cooper, R. A. Cogan, E. F. Le Cowell, T. P. Coyne, M. J. Cuffe, E. T. Cullimore, T. C. Cummins, A. Daly, O. W. Elsner, J. Fagan, H. G. Falkner, R. C. Fisher, A. A. Gibbs, F. M. Golding, E. T. Goode, T. W. Green, R. F. Harding, H. Hartigan, T. Hartigan, T. A. Hartigan, R. H. H. Hayden, H. V. Jacob, M. C. D. E. Jordan, W. P. Lapping, N. G. P. Le Fanu, F. B. Linde, G. F. J. Luther, M. M. Maughan, H. S. Missetar, R. W. Moeran, P. Monaghan, A. J. Moran, W. F. A. McAnan, R. M. M'Combe, A. C. M'Cutcheon, J. S. M'Givney, J. G. M'Lannahan, M. J. M'Mahon, V. O'Donnell, R. H. Oliver, J. C. Perry, W. G. T. Posnett, J. M. Redington, F. J. Rogers, T. N. Smith, J. E. Tierney, J. Trumbull, F. Ware, R. Waterfield, R. J. C. Whitley, W. A. E. Wills, J. C. Woodside, P. J. Henehan, M. Brick, J. Maunsell.

Seco d Professional Examination.—D. A. M'Curdy, H. Tweedy, A. P. Swanson, J. O'Dwyer, T. F. Brophy, W. I. Keane, F. A. Madden, J. P. Sexton, D. H. Foley, W. C. Hamilton, R. R. More Madden, R. W. E. Rose, W. Zimmer, J. M. Mangan, E. W. Lynch, T. E. B. Meyler, S. W. Wilson, T. F. Wyse, P. J. Liston, M. S. Byen, R. P. Connell, E. F. Frozie, F. O. Stoker, P. J. Quintan, J. O'Donoghue, J. J. Cullen, F. P. Smith, J. H. Elmes, W. Hall, F. F. Dillon, H. K. Bentley, W. Russell, P. J. Garland, H. P. Jones, F. W. Condon, J. S. Proctor, A. R. Moore, W. H. Langley, A. W. Tabuteau, M. Ferguson, Temple Smyth, A. K. Dillon Carberry, Miss E. W. Dickson, J. H. Farmer, V. R. de L. Cooke, H. J. M'Comack, J. Dowling, R. Moynahan, P. Barragry.

Thi d Professional Examination.—N. G. Cookman, E. Cosgrove, H. M. Cullinan, R. D'Alton, G. W. Dawson, H. W. Devlin, T. G. Dillon, B. G. Elliott, B. G. Fenton, P. Flanagan, Miss M. J. Hannan, A. R. R. Hudson, A. H. Jacob, jun., G. W. Joyce, A. E. C. Keeble, S. Keogh, A. J. M'Munn, J. Mackenzie, W. A. Murphy, A. W. S. M'Comiskey, L. T. Whelan, G. F. Woodroffe, R. B. Wright, R. S. Young.

Four th or Final Qualifying Examination in Medicine, Surgery, and Midwifery.—A. J. Carey, Tereure, Co. Dublin; T. J. Connolly, Drogheda; S. A. D'Arcy, Malahide, Co. Dublin; W. S. Dodd, New Market, Co. Cork; R. H. Dreaier, Castlecomer, Co. Kilkenny; B. E. Falkner, Sandycove, Kingstown; A. A. Ferguson, Clones, Co. Monaghan; S. J. M'W. Gilmore, Castleblayney; E. S. Hawthorne, Dromore, Co. Down; C. O'C. Hodgins, Haddington Road, Dublin; B. Kennedy, Cloughjordan, Co. Tipperary; J. Kearney, Bagnalstown, Co. Carlow; G. M. Laing, Ballina, Co. Mayo; J. R. Mecke, Navan, Co. Meath; S. Moore, Lower Mount Street, Dublin; W. S. M'Bride, Sandymount, Co. Dublin; A. W. S. M'Comiskey, Killough, Co. Down; E. M. H. O'Connor, Thurles, Co. Tipperary; P. J. J. O'Connor, E. P. Pentony, Navan, Co. Meath; D. Power, Rutland Street, Dublin; M. B. Savage, Newry; D. D. Shanahan, Listowel; F. Smith, Royal Infirmary, Phoenix Park; G. J. Smith; R. M. Smyth, Moyne Road, Rathmines; A. E. Sproule, Londonderry; F. W. S. Stone, Rathmines; R. Stoney, Cloughjordan, Co. Tipperary; G. L. Tuthill, Bruree, Co. Limerick; D. Turner, Monkstown, Co. Dublin.

KING AND QUEEN'S COLLEGE OF PHYSICIANS IN IRELAND.—The undermentioned Licentiate 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, has been duly admitted a Member of the College:

Bartholomew Madigan, Lic. Med., 1878, Killrush.

MEDICAL VACANCIES.

The following Vacancies are announced:

CANCER HOSPITAL. Fulham Road, S.W.—Two Resident House-Surgeons. Appointment for six months. Honorarium at the rate of £50 per annum, with board and residence. Applications by August 31st to the Secretary.

CHELMSFORD AND MALDON RURAL SANITARY AUTHORITY.—Medical Officer of Health. Salary, £600 per annum. Applications by August 17th to Mr. Duffield, 96, High Street, Chelmsford.

COVENTRY AND WARWICKSHIRE HOSPITAL.—House-Surgeon. Salary, £100 per annum, with board, lodging, and attendance. Applications by August 16th, marked "Application for House-Surgeon," to be sent to the Secretary.

KENDAL DISTRICT.—Medical Officer of Health. Salary, £375 per annum. Applications by August 22nd to Alexander Milne.

LONDON TEMPERANCE HOSPITAL, Hampstead Road, N.W.—Registrar and Chloroformist. Salary, 50 guineas. Applications by August 10th to the Secretary.

NORFOLK AND NORWICH HOSPITAL.—Honorary Dental Surgeon. Applications by August 14th, endorsed "Dental Surgeon," to the Secretary.

NORTH CAMBRIDGESHIRE HOSPITAL, Wisbech.—House-Surgeon. Salary, £130 per annum, with house, etc. Application by August 10th to the Honorary Secretary.

NORTH STAFFORDSHIRE INFIRMARY.—Physician or Medical Officer. Applications by August 29th to the Secretary.

QUEEN'S HOSPITAL, Birmingham.—Physician. Annual bonus, £50. Applications by August 20th to the Secretary.

ROYAL MASONIC INSTITUTION FOR BOYS, Wood Green, London, N.—Medical Officer. Salary, £30 per annum. Application by August 17th to the Secretary.

SALISBURY INFIRMARY.—House-Surgeon. Salary, £100 per annum, with board, lodging, and washing. Applications by August 23rd to the Secretary.

VICTORIA INFIRMARY OF GLASGOW.—Superintendent and Resident Medical Officer. Salary, £125 per annum, with board and apartments. Applications by August 31st to Mr. F. Bissett, Secretary, 20, Bridge Street, Glasgow.

WOLVERHAMPTON EYE INFIRMARY.—Resident Assistant. Board and washing. Applications by August 12th to the Chairman.

MEDICAL APPOINTMENTS.

ANDERSON, A. R., F.R.C.S.Eng., appointed Honorary Surgeon to the Nottingham General Hospital, *vice* James Beddard, F.R.C.S., deceased.

GREENWOOD, E. Climson, L.R.C.P.Lond., M.R.C.S.Eng., appointed Public Vaccinator to St. Marylebone Parish, *vice* W. A. Sumner, deceased.

KINGSFORD, A. B., M.R.C.S., L.R.C.P., appointed Junior Assistant House-Surgeon to the Hull Royal Infirmary, *vice* S. P. Hosegood, L.R.C.P.Lond., M.R.C.S.Eng., resigned.

LITTLE, John Fletcher, M.B.Cantab, M.R.C.P.Lond., appointed Honorary Physician to the St. Marylebone General Dispensary.

MCDUGALL, W. S., M.B., C.M.Édin., appointed Assistant House-Surgeon to the Cumberland Infirmary, Carlisle, *vice* T. C. Mickle, M.B., C.M.Édin.

MAXWELL, M., M.B., C.M.Édin., appointed Resident Junior House-Surgeon to the Deaconesses' Institute, Tottenham, *vice* R. P. Brooks, M.R.C.S., resigned.

PIETERSEN, James F. G., M.R.C.S., L.R.C.P.L., appointed Divisional Surgeon to the S Division of the Metropolitan Police, *vice* Dr. Hunter Barron, deceased.

PROSSER, A. B., appointed Assistant House-Surgeon to the General Hospital, Birmingham, *vice* Mr. Garrould, resigned.

SMITHSON, S. M., appointed Assistant House-Surgeon to the Royal Berks Hospital, *vice* A. E. Smithson, resigned.

STEVENSON, L. E., B.A., M.B., B.Ch.Camb., appointed House-Surgeon to the Cumberland Infirmary, Carlisle, *vice* J. F. Haswell, M.B., C.M., resigned.

TURNER, C. W., M.R.C.S., appointed Clinical Assistant to the Northumberland County Asylum.

UNDERWOOD, A. S., M.R.C.S.Eng., L.D.S., appointed Professor of Dental Surgery and Dental Surgeon to King's College Hospital, *vice* A. Gibbings, M.R.C.S.Eng., L.D.S., resigned.

WARDILL, G. J., L.D.S., appointed Surgeon Dentist to the Luton Friendly Societies Medical Institute.

DIARY FOR NEXT WEEK.

THURSDAY.

ANATOMICAL SOCIETY OF GREAT BRITAIN AND IRELAND, Theatre of the Medical School, Leeds, 4.30 p.m.—Summer Meeting. Dr. Ambrose Birmingham: Notes on the Arrangement of the Lumbar and Sacral Nerves in a Subject with six Lumbar Vertebrae. Dr. Alex. Fraser: 1. Photographic as an Aid in Anatomical, Histological, and Embryological Work. 2. On Nerve Terminations in the Thyroid Gland. 3. On the Pyramidal Tracts of Certain Rodents. Dr. T. Wardrop Griffith and Dr. M. J. Oliver: On the Cutaneous Nerves of the Trunk, with special reference to Herpes Zoster. Specimens:—Mr. R. W. Reid: 1. Specimen from a Female Subject showing Cervical Ribs. 2. Fifth Lumbar Vertebra showing persistence on both sides of a suture in the Neural Arch between Upper and Lower Articular Processes. 3. Calvaria of a Tumbler from Sir Astley Cooper's collection in St. Thomas's Hospital Museum. Mr. C. B. Lockwood and Mr. F. E. Withers: Right Aortic Arch. Mr. J. J. Clarke: Abnormal Aortic and Pulmonary Valves. Mr. Mayo Collier: Specimens showing the Hyo-epiglottic Membrane. Dr. T. Wardrop Griffith and Dr. M. J. Oliver: Frozen Vertical Section of Male Pelvis. Knee-joint showing Abnormal Arrangement of Cartilages, and other specimens from the Museum.

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. The first post on Thursday mornings is the latest by which advertisements can be received.

MARRIAGES.

BOYD-TOMS.—July 25th, at Acton, Stanley Boyd, M.B., F.R.C.S.Eng., Assistant-Surgeon to the Charing Cross Hospital, etc., to Florence Nightingale Toms, M.D.

LUNAN-SHAW.—At Corston, Coupar Angus, on the 1st inst., by the Rev. R. C. Smith, Knox Free Church, Glasgow, Charles Smith Lunan, M.B., C.M., L.R.C.S.Édin., Blairgowrie, to Margaret Eliza Mary, eldest daughter of the late William Shaw, Esq., Finegand, Glenshee. No cards.

ROBERTS-KETT.—On August 1st, at St. Paul's, Cambridge, by the Rev. R. J. Roberts, father of the bridegroom, assisted by the Rev. H. B. Beedham, the Rev. F. J. Dickson, and the Rev. E. F. Plume, Reginald John Roberts, B.A., M.B., B.C.Cantab, of Haseling, Lowestoft, to Catharine Sarah, daughter of George Kett, Esq., of Wymondham House, Cambridge.

SAUNDERS—JEW.—On the 27th ult., at All Saints' Church, Forest Gate, by the Rev. —Dunscombe, William Saunders, M.R.C.S.Eng., etc., of Dudley, second son of the late James Barnes Saunders, M.R.C.S.Eng., etc., of Aylsham, Norfolk, to Sarah Matilda Jew, eldest daughter of Edward Jew, late of Upton-on-Severn.

THOMSON-KARRAN.—At St John's, Egremont, Cheshire, on the 6th inst., by the Rev. W. E. B. Gunn, D. G. Pearse Thomson, M.B., C.M.Édin., Penrith, to Clara, daughter of the late John Karran, Esq., Seamount, Castletown, Isle of Man. No cards.

LETTERS, NOTES, AND ANSWERS TO CORRESPONDENTS.

COMMUNICATIONS FOR THE CURRENT WEEK'S JOURNAL SHOULD REACH THE OFFICE NOT LATER THAN MIDDAY POST ON WEDNESDAY. TELEGRAMS CAN BE RECEIVED ON THURSDAY MORNING.

COMMUNICATIONS respecting editorial matters should be addressed to the Editor 429, Strand, W.C., London; those concerning business matters, non-delivery of the JOURNAL, etc., should be addressed to the Manager, at the Office, 429, Strand, W.C., London.

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

AUTHORS desiring reprints of their articles published in the BRITISH MEDICAL JOURNAL are requested to communicate beforehand with the Manager, 429, Strand, W.C.

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

MANUSCRIPTS FORWARDED TO THE OFFICE OF THIS JOURNAL CANNOT UNDER ANY CIRCUMSTANCES BE RETURNED.

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

QUERIES.

SACCHARIN.

H.C.R. asks if any, and if so what, bad effects have been noticed after prolonged use of saccharin.

WEIR-MITCHELL TREATMENT IN HOSPITAL.

JOURNAL asks for information as to hospitals, etc., where a surgeon suffering from neurasthenia could be received for treatment by the Weir-Mitchell plan, and the fees he would have to pay for a month's treatment. He is not able to afford much.

ANSWERS.

THE EXAMINATION FOR D.P.H. CAMBRIDGE.

A COUNTRY MEDICAL OFFICER OF HEALTH asks whether a fortnight's course of practical work in a London laboratory in hygiene, in testing, qualitative, and quantitative analyses, etc., would be a sufficient preparation for the oral and practical portion of the examination in sanitary science at the University of Cambridge?

*A fortnight's work would hardly be sufficient. Although the analytical knowledge required at the examination is very elementary, and a practical acquaintance with quantitative analysis is not expected, not less than a month should, as a rule, be devoted to practical preparation. Candidates are expected to show sufficient theoretical knowledge of quantitative work to enable them to interpret the reports of professional analysts; they must be able to make rough qualitative examinations of samples of water and air; and they require some experience in hygienic microscopy.

THE TREATMENT OF SWEATING FEET.

P. writes: This subject keeps cropping up every few months in the JOURNAL. I have the same affliction when I am careless, and here is how I cure myself: I find that when I drink a lot of liquids of any sort my feet sweat, and I spend half my time changing my socks and washing my feet. But when I cut down my "drinkables" to one-half, in two days my feet are dry, and remain so as long as I exercise this self-restraint. I have used zinc oxide and various other applications without permanent advantage.

NOTES, LETTERS, ETC.

DR. BROWN-SÉQUARD'S EXPERIMENTS.

A MEMBER OF THE MEDICAL PROFESSION writes: You have not done me justice by your note on my circular relative to Dr. Brown-Séquard's experiments. Much as I disapprove of the animal torture in question, I should not have felt it my duty to print and post some 6,000 copies of my protest had that been all. I consider the idea of injecting the seminal fluid of dogs and rabbits into human beings a disgusting one, and when the treatment also involves the practice of masturbation, I think it is time for the medical profession in England to repudiate it. One may be a vivisector without also encouraging a loathsome vice, but as far as I could discover no word of protest was uttered by the leaders of medical opinion, and I determined to take the thing into my own hands, with the effect, as I have good reason to believe, of making it very improbable that this method of pretended rejuvenescence will be introduced into England. I have a great number of encouraging letters from eminent Englishmen, who will take good care of this, at least. Vivisection may be an open question, but self-abuse is not.

OIL OF WINTERGREEN IN RHEUMATISM.

MR. JAMES D. STAPLE, M.R.C.S., L.S.A., writes: During my two years' period of house-surgery at the Stockport Infirmary, I used a liniment composed of equal parts of olive oil and oil of wintergreen locally in nearly forty cases of rheumatism. In the acute cases it was painted over the joints, and in the chronic ones well rubbed into the affected parts. After the application of the oil, the joint was wrapped in cotton-wool and lightly bandaged. This liniment eased the patients very considerably, and several of them went to sleep soon after its use. In the majority of cases pain ceased for some five or six hours after it was applied. The internal treatment adopted for these cases was salicylate of soda. In the acute cases large and in the chronic small doses of this drug were used. I would recommend oil of wintergreen very strongly as a local application in all forms of rheumatism.

THE JONES INDEMNITY FUND.

THE following additional amounts have been received in answer to an appeal published in the JOURNAL of July 20th, on behalf of Dr. Jones, of Edmonston:

	£	s.	d.
Lennox Browne, Esq.	1	1	0
G. Borlase Hicks, Esq.	1	1	0
W. Hooper May, M.D.	0	10	6
H. G. Sworn, Esq.	0	5	0

Further contributions may be sent to Dr. J. W. Hunt, 101, Queen's Road, Dalston, N.E. Dr. Jones's expenses were over £80.

POST-GRADUATE COURSE IN LONDON.

DR. VINCENT D. HARRIS (Physician to the City of London Hospital for Diseases of the Chest, Victoria Park), writes: With reference to the letter of "Scientia," in the JOURNAL of August 3rd, on the subject of post-graduate courses in London, may I be permitted to draw attention to the fact that the practice of the City of London Hospital for Diseases of the Chest, Victoria Park, is about to be opened to practitioners, as well as to students, for systematic instruction in the diagnosis and treatment of chest diseases, on the payment of a small fee?

The hospital, as is well known, has a very large practice, both in-patient and out-patient. With it have been associated in the past the honoured names of Peacock, Risdon Bennett, Andrew, Erichsen, and others, and our present highly respected senior physician, Dr. Thorowgood, has long been connected with it.

It must be confessed, however, that hitherto the traditions of the hospital have not been to encourage systematic clinical teaching. The Committee of Management have this year, at the request of the Medical Committee (strongly urged thereto by Dr. Heron), consented that the unsurpassed clinical material shall in the future be made available for teaching purposes.

It will thus be seen that another of the largest special hospitals is opened to gentlemen who, like "Scientia," "feel the need of a brushing up" in certain of the subjects connected with clinical medicine.

ARSENICAL POISONING AND COMMON SENSE.

SURGEON-MAJOR N. ALCOCK, M.S. (Military Prison, Dublin) writes: Having regard to the cases of poisoning by arsenic which have occurred during recent years by accident or design, it would seem a common-sense precaution that all tasteless poisons should be mixed with some innocuous substance of a distinct taste. This might be made congenial to the palate of the rat, and such as would not interfere with the condition-powders of the horse-coper. It would go far towards preventing those of weak moral nature being led into temptation.

POLYCLINIC.

MR. RUSHTON PARKER (Liverpool) writes: Your employment and correct spelling of the word "polycliniques," in the Occasional Column of the JOURNAL of August 3rd, 1889, p. 262, gives opportunity to furnish an additional paragraph of literary interest in attempting to settle the spelling of the second syllable, which on English and American pages appears to be more often wrong than right. Even in Dr. Byrom Bramwell's excellent *Studies in Clinical Medicine*, No. 1, p. 1, "polyclinic" appears. The term first came to my notice in German periodicals, and, owing to inattention to the spelling, was erroneously supposed by me to mean "composite," or "promiscuous" clinic (as if from *πολύς*, many), until a German friend reminded me that it means "town" clinic (*πόλις*), that is, out-patient department. Whether the word "polyclinic" should be used at all or not I do not pretend to advise, but a little advertising may at least serve to extinguish its illiterate substitute "polyclinic."

IMPERIAL POSTAGE AND THE BRITISH MEDICAL ASSOCIATION.

THE *Imperial Federation* commenting on the action of the British Medical Association in forwarding copies of the JOURNAL to the Colonies at the inland rate of postage of one penny, observes:—"While offering our hearty congratulations to the Council, we would only suggest that they should send the Postmaster-General a resolution to go and do likewise. As long as we place Kirkwall and St. Heliers on the same footing as the suburbs of London, but sextuple the charge to Melbourne, it is useless to make abstract proclamation of the fact that our Colonial brethren are as dear to us as if they dwelt in Surrey or Hampshire."

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

The Registrar of the Royal College of Physicians of Edinburgh; Mr. A. Freer, Stourbridge; Dr. R. J. Roberts, Lowestoft; Dr. T. Patterson, Oldham; Lord Sandhurst, London; Mr. F. Wood, Brighton; Mr. T. S. Short, Birmingham; Dr. J. B. Brierley, Old Trafford; Dr. E. Sansom, London; Mr. E. C. Roberts, Southgate; Dr. Thin, London; Professor Corfield, London; Mr. C. Steele, Clifton; Dr. Balding, Royston; Mr. G. P. Field, London; The Secretary of the Victoria University, Manchester; Dr. Renault, Liverpool; Dr. Cullingworth, London; M. O.; Dr. S. G. Campbell, Glenboig; Dr. A. Carpenter, Croydon; Mr. G. J. Waraill, Luton; Dr. T. M. Watt, Hovingham; Mr. W. J. Harris, London; Mr. T. W. Clark, Luton; Messrs. May, Davis and Co., London; Dr. H. R. Ker, Halesowen; Dr. J. W. Moore, Dublin; Mr. R. W. Helen, Carlisle; Dr. J. W. Hunt, London; The Editor of the *Metropolitan*, London; The Dean of the University of Aberdeen; The Registrar of the Royal College of Surgeons in Ireland, Dublin; Justitia; Mr. W. C. Crofts, London; Mr. W. Porter, Guelph; Mr. C. G. Ethelston, London; Sir J. C. Browne, London; The Jeyes Sanitary Compound Co., London; Dr. Mickle, London; Mr. J. H. Flather, Cambridge; Messrs. Street and Co., London; Mr. A. W. Mayo Robson, Leeds; Surgeon-Major R. Anderson, Dundalk; Dr. Lewers, London; Dr. Woodhead, Edinburgh; Dr. O. Sturges, London; Mr. W. C. Thompson, West Drayton; Dr. Willoughby, London; Mr. J. F. G. Pieterse, London; Mr. F. Vacher, Birkenhead; Mr. W. Duncan, Bristol; Mr. J. A. Manton, Birmingham; Mr. M. E. Ling, Saxmundham; Dr. H. Bennett, London; Dr. de H. Hall, London; Dr. M. rs,

London; Dr. Ball, London; Mr. T. R. Jessop, Leeds; Mr. W. W. Wagstaffe, Sevenoaks; Mr. W. W. T. Steed, Yealmington; Mr. B. Rake, Trinidad; Messrs. J. McKeever and Son, Carlisle; Mr. E. H. Bailey, Leamington; The Editor of the *Illustrated Medical News*, London; Dr. R. M. Wyckoff, Brooklyn; Mr. A. W. Bush, London; Mr. G. Lushington, London; Mr. G. E. Williamson, Newcastle-on-Tyne; Dr. Savage, London; Dr. J. H. Jackson, London; Mr. G. N. Wynne, Dublin; Surgeon-Major Climo, Simla; Mr. J. Martin, Huddersfield; Dr. F. Beach, Dartford; Mr. F. F. Welsh, Stoke Bishop; Mr. Y. J. A. MacAlister, London; J.V.R.C.; Dr. S. C. Smith, Halifax; Mr. C. Begg, Hankow, China; The Secretary of the Oxford and District Branch of the British Medical Association, Oxford; Mr. G. N. Stewart, Edinburgh; Efficiency and Economy; Dr. F. W. Edridge-Green, London; Dr. H. Woods, London; Mr. R. Parker, Liverpool; Dr. A. Napier, Crosshill; Mr. G. Lushington, London; The Vestry of the Parish of St. James Westminster; Mr. J. H. White, Chicago; D. H. Hamilton, M.B., Northampton; Rev. F. Lawrence, York; Mr. F. Hall, Leeds; Surgeon-Major N. Alcock, Dublin; Mr. Cassal, London; Dr. J. A. de Gama, Bombay; Dr. T. E. Satterthwaite, Interlaken; Mr. M. R. J. Behrendt, Burringham; Mr. R. T. Hewlett, Bromley; Mr. L. W. Pead, London; Mr. H. C. Rogers, Newport Pagnell; The Secretary of the Central London Throat and Ear Hospital, London; A. Stewart, M.B., Glasgow; Dr. Mercier, London; Mr. J. B. Bailey, London; Brigade-Surgeon R. Waters, Punjab; Mr. J. W. Black, Edinburgh; Mr. A. T. Lloyd-Jones, Salop; Dr. V. D. Harris, London; Mr. E. D. Farmer Bringhurst, Waterford; Surgeon-Major H. Charlesworth, Sheffield; Mr. L. J. Pisani, Cohat; Mr. G. J. Flamank, London; Mr. A. W. Shepherd, Moriani; Mr. Towers Smith, London; Surgeon-Major T. Murtagh, Sutton; Mr. S. Osborn, London; Mr. F. C. Coley, Newcastle-on-Tyne; Mr. F. B. J. Baldwin, Rotherham; Mr. T. Walley, Edinburgh; Dr. G. Herschell, London; Dr. Hugh Woods, London; F. W. S. Hodder, M.B., Granville, Jersey; Dr. J. W. Hunt, London; Mr. J. Farmer, Brockley; Dr. J. Wigmore, Tiverton-on-Avon; Mr. J. Ewens, Clifton; Mr. T. H. Pounds, Derby; Mr. D. H. Hamilton, Bery Wood; Dr. Sergeant, London; Dr. W. Sykes, Mexborough; Our Manchester Correspondent; Dr. D. Crowley, Loughrea; Messrs. Romeike and Curtice, London; Mrs. N. J. Hunt, Exeter; Mr. W. G. Thistle, Taunton; Mr. E. Bayley, London; Dr. R. Wade Savage, London; Dr. F. Payne, London; Mr. F. Neal, Longhope; The Secretary of the Faculty of Physicians and Surgeons, Glasgow; Mr. F. F. Moore, Southport; Mr. T. W. Jordan, Stockport; Mr. A. R. Anderson, Nottingham; Mr. Lawson Tait, Birmingham; Mr. J. V. Laverick, Hinderwell; Dr. Leslie Phillips, London; Mr. E. Boyd, Bournemouth; Dr. Tyley, Wedmore; Dr. H. D. Ward, Blyth; Mr. J. L. Holbertson, Brierley Hill; Dr. M. Colman Collins, Nottingham; Mr. B. D. Smithers, Norwood; Mr. G. P. Field, London; Mr. Adams Frost, London; Messrs. Manville and Madgen, London; Dr. Lewers, London; Dr. Mickle, London; Mr. E. A. Onyon, Eye; Dr. W. White, Hadfield; Dr. Moriarty, Cork; Mr. R. J. Collins, Dulverton; Mr. T. H. Hardman, Leeds; Dr. Lane, Milford Haven; Mr. E. C. Greenwood, London; Mr. Morris, Swansea; Mr. W. S. Kay, Sheffield; Dr. Holman, Reigate; Mr. W. F. Husband, Leeds; Dr. D. W. Davies, Llantrissant; Mr. J. E. Bennett, Liverpool; Mr. R. S. Jaynes, Pennymoor; Mr. R. W. Turner, London; Mr. Johnston, Acton; Mr. H. J. Laslett, Bermuda; The Mayor of Leeds, Leeds; Dr. J. Fletcher Little, London; etc.

BOOKS, ETC., RECEIVED.

An Atlas of Illustrations of Pathology. London: The New Sydenham Society.

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