

HOÀNG-NÀN.

BY SIR SHERSTON BAKER, BART., LL.D.,

Author of "The Laws of Quarantine."

I THINK it may be interesting to your readers to know that the Director of the Pharmacie Centrale de France, 7, Rue de Jouy, Paris, has made the following statement concerning a Chinese plant called Hoàng-nàn, the wonderful properties of which cannot be too widely known. He says: "In reply to your letter, we beg to say that Hoàng-nàn, a very dangerous product, is a plant indigenous to Tonkin; that it has been brought to Europe by the missionaries, and that, reduced to powder, it is highly recommended as a remedy for hydrophobia, leprosy, and certain diseases of the skin. The powder is given in doses varying from 15 centigrammes to 2.50 grammes, the variation being due to the fact that the bark is not always free from suberous matter, which is inert. We keep Hoàng-nàn powder, which we sell at 100 francs the kilogramme (2.2055 lbs. avoirdupois)." In support of this I may quote the following extracts from *The Illustrated Catholic Missions* of last October; "The ingredients entering into the composition of the medicine are: Alum (Phén), 1.5; Realgar (Hùng Hoang), 1.5; Hoàng-nàn, 2.5. The last is the chief ingredient, and in default of the two others it can be employed alone."

"The medicine is prepared as follows: The mixture is first reduced to a powder, then moistened with vinegar, and formed into pills of little more than one centimètre diameter (inch 0.39371). When a person has been bitten by a rabid or poisonous animal, a dose of 3 to 4 grammes should be administered with a quarter of a glass of weak vinegar. The natural effects of Hoàng-nàn taken by a healthy person are: fatigue, general indisposition, vertigo, tingling of the hands and feet, involuntary movements of the jaws, etc. The absence of these symptoms is a certain sign of the presence of a poison neutralising the effects of the remedy. In such cases the treatment must be continued, and the dose increased every day until the poison is entirely destroyed—that is to say, until the above-described symptoms appear. When, as sometimes happens, the virus has not entered the system, two or at most three grammes of the remedy suffice to produce the symptoms described. If the medicine acts too violently, either owing to imprudent doses or on account of the absence of virus in the system, the evil effects may be counteracted by administering an infusion of liquorice-root. The medicine is said to be infallible if taken before the acute stage of hydrophobia, and rarely to fail even when the disease has assumed a violent rabid stage. But action must then be energetic. A very strong dose must be at once administered, and increased until the patient begins to foam at the mouth, and experience the symptoms already detailed. The Hoàng-nàn is a shrub that bears, it is said, some resemblance to the ivy. The bark is covered with a reddish dust, containing a subtle poison, wherein lies the remedial virtue of the plant. It is this dust alone that is employed for medicinal purposes. The shrub is found in the mountains, especially on calcareous ground. Its principal homes are the highlands of Ngan-Ca in the province of Nghe-an and those of Than-hoa."

"Shrubs of an inferior quality are also found in many other provinces of the Annamite kingdom. We may add that hoàng-nàn is used also as a cure for snake-bites. The dose is stronger in proportion to the poisonous character of the bite."

"Tonkinese doctors, it appears, enumerate thirty-six kinds of leprosy. The two most frequently met with attack chiefly the hands and feet; the one acts without suppuration, but gradually causes the loss of the fingers and toes; the other produces frightful sores, especially on the extremities. When these are consumed and only shapeless stumps remain, the ulcers spread over the body, presenting a loathsomely sight, and emitting an insupportable odour. It is this latter kind of leprosy, widely spread throughout the East, which we have now chiefly in view."

"The disease is undoubtedly hereditary. It begins to show itself in children generally at the age of puberty, and its first symptoms are usually swellings upon the wrists. Strange to say, it may happen that for several generations the boys alone are attacked, whilst the girls escape, or *vice versa*. But leprosy is not only hereditary, it is also contagious, and to this fact may be attributed the large number of lepers in Tonkin. Rightly or wrongly, the Tonkinese maintain that the malady is communicated most

readily at the moment when a leper is dying; and they even affirm that the disease can be contracted by walking in the early morning dew across a leper's grave. Yet, in spite of its contagious character there are persons, such as near relatives, who pass their whole life among lepers without contracting the disease; whilst, on the other hand, others, by merely touching a leper once or by sitting a few moments by the side of a diseased person, have caught the malady."

"For the treatment of leprosy Hoàng-nàn is prepared in the same manner as for use in cases of hydrophobia, with this difference, however, that not only the red dust, but also the substratum which it covers, and which adheres to the ligneous portion of the bark, can also be employed. It is not necessary to reduce the material to an impalpable powder, and the pills can be formed by moistening the substance with vinegar, to which a little gluten has been added to effect cohesion. The pills are administered with vinegar. Taken with arack (rice spirit) or any form of alcohol they are deadly. Moreover, during the course of treatment, and for some time afterwards, there must be total abstinence from any spirituous liquor; beef, and in general all heating food, should for the time be avoided."

"The direction for the use of the pills is as follows: Begin with half a pill in the morning and half a pill at night; on the following day give one pill in the morning and one in the evening, and so on, daily increasing each dose by one pill until a maximum of five or six pills per dose is attained. The medicine may then be discontinued for about ten days. The morning and evening doses are then recommenced as on the first occasion, an effort being made to reach a rather higher maximum than before; but it is not prudent to continue these stronger doses for more than seven or eight days in succession, especially if the patient be not very robust. When the leprosy sores cicatrise and leave only a small red spot, about ten Hoàng-nàn pills should be made into a poultice and applied to the spot, and renewed every day for three days."

"Although as a cure for leprosy Hoàng-nàn may be less important in our temperate countries, where the disease is seldom found, yet its remedial powers in cases of cancerous and ulcerous affections, etc., should commend it to the attention of European doctors."

If the virtue of the Chinese plant be such that it is a reliable cure for hydrophobia, for snake-bites, for leprosy, and for cancerous and ulcerous affections, or even for one alone of these scourges, it will be received as an angel of mercy by suffering humanity; but before receiving it at its full value, it is most desirable that it should run the gauntlet of a strict medical examination.

UNIVERSITY INTELLIGENCE.

GLASGOW.

At a meeting of the Glasgow University Court, held on March 20th, the following gentlemen were appointed Examiners in Medicine:—W. D. Halliburton, M.D., B.Sc., M.R.C.P.Lond., with special reference to Physiology; David Norman, M.D., F.F.P.S.Glas., with special reference to Pathology; George A. Gibson, M.D., D.Sc.Edin., with special reference to Medicine and Clinical Medicine; William James Fleming, M.D.Glas., with special reference to Surgery and Clinical Surgery. The term of office is in each case four years.

The preliminary examinations in general education for degrees in Medicine and Science began on March 27th, and continue till to-day. The same examinations are being held simultaneously in the Glasgow University and in the University College of North Wales, Bangor. The total number of candidates is 462.

A COSTLY DRUG.—Ginseng is a root obtained in Manchuria, and much prized by the Chinese as a cure for most of the ills to which human flesh is heir. Its supposed efficacy is, perhaps, partly due to its great scarcity and consequent high price. A recent issue of the *Pekin Gazette* contains a report from the military governor of Kirin, in Manchuria, stating that he has forwarded for the use of the Emperor by special messenger eight large and sixteen small ginseng, weighing altogether 9.4 ounces. The total cost is given at 1,560 taels, or about £400, being at the rate of about £45 an ounce.

ASSOCIATION INTELLIGENCE.

COUNCIL. NOTICE OF MEETING.

A MEETING of the Council will be held in the Council Room of the Association, at No. 429, Strand (corner of Agar Street), London, on Wednesday, the 17th day of April next, at 2 o'clock in the afternoon.

FRANCIS FOWKE, *General Secretary.*

March 21st, 1889.

NOTICE OF QUARTERLY MEETINGS FOR 1889. ELECTION OF MEMBERS.

MEETINGS of the Council will be held on April 17th, July 10th, and October 16th, 1889. Candidates for election by the Council of the Association must send in their forms of application to the General Secretary not later than twenty-one days before each meeting, namely, June 20th, and September 26th, 1889.

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

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

FRANCIS FOWKE, *General Secretary.*

COLLECTIVE INVESTIGATION OF DISEASE.

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

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

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

GRANTS FOR SCIENTIFIC RESEARCH.

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

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

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

BRANCH MEETINGS TO BE HELD.

SOUTHERN BRANCH: SOUTH WILTS DISTRICT.—The next ordinary meeting of this District will be held at the Bath Arms, Warminster, on Wednesday, April 3rd, at 4 p.m. Papers will be read by Mr. Straton, Mr. Luckham, and Mr. Willcox. The members will dine together after the meeting, at 5.45 p.m.; tickets (not to include wine), 5s. Members intending to be present please send word to the Honorary Secretary, H. J. MANNING, Laverstock, Salisbury.

SOUTH WALES AND MONMOUTHSHIRE BRANCH.—The spring meeting of this Branch will be held on Wednesday, April 25th, at Aberdare. Subject for discussion, Sore Throat, introduced by W. Price, M.B., Cardiff. Members wishing to read papers; show cases, specimens, etc., should send title to Dr. Sheen before April 16th.—A. SHEEN, M.D., Cardiff; D. A. DAVIS, M.B., Swansea, Honorary Secretaries.

BORDER COUNTIES BRANCH.—The spring meeting of this Branch will be held at Maxwell's Hotel, Galashiels, on Thursday, April 11th, at 4 p.m. Members intending to read papers or to show patients or specimens are requested to give notice to the Secretary as soon as possible.—H. A. LEDIARD, Honorary Secretary, 41 Lowther Street, Carlisle.

METROPOLITAN COUNTIES BRANCH: EAST LONDON AND SOUTH ESSEX DISTRICT.—The next meeting will be held at the Town Hall, Mare Street, Hackney, on Thursday, April 18th, at 8.30 p.m. A paper will be read by Mr. Watson Cheyne on the Nature and Early Operative Treatment of Tubercular Joint Disease. The paper will be illustrated by numerous diagrams shown through the magic lantern. Visitors will be welcomed.—J. W. HUNT, Honorary Secretary, 101, Queen's Road, Dalston.

SOUTH-EASTERN BRANCH: WEST KENT DISTRICT.—The next meeting of this District will be held at the Hospital, Gravesend, on April 11th, at 4 p.m.; C. E. Robbs, Esq., in the chair. Papers:—1. A. J. Pepper, Esq.: Colotomy; the Methods of Performing it, and the Cases Requiring it. 2. Dr. Hoar: Two Cases of Pseudo-hypertrophic Paralysis; with living specimens. 3. W. Johnson Smith, Esq.: On the Radical Cure of Hernia. The dinner will take place at the New Falcon Hotel at 6.30 p.m.; charge 6s. 6d., exclusive of wine. To facilitate the arrangements gentlemen who intend to dine are particularly requested to signify their intention to the Chairman, C. E. Robbs, Esq., Lodgewood, Gravesend, not later than April 9th. All members of the South-Eastern Branch are entitled to attend this meeting and to introduce friends.—A. W. NANKIVELL, Honorary Secretary of the District, St. Bartholomew's Hospital, Chatham.

OXFORD AND DISTRICT BRANCH.—The next meeting of this Branch will be held on Friday, April 26th, in the Radcliffe Infirmary, at 3 p.m. Gentlemen intending to read papers or show cases are requested to communicate with the Honorary Secretary, W. Lewis Morgan, 42, Broad Street, Oxford, on or before April 12th.—S. D. DARBISHIRE, W. LEWIS MORGAN, Honorary Secretaries.

YORKSHIRE BRANCH.—The spring meeting of the Yorkshire Branch will be held on Wednesday, April 24th, at 3 p.m., in the Board Room of the Huddersfield Infirmary. Members intending to read papers, etc., are requested to communicate with ARTHUR JACKSON, Secretary, Sheffield.

SOUTHERN BRANCH: SOUTHAMPTON DISTRICT.—The next meeting of this District will be held at the residence of Dr. Archer, 4, Portland Terrace, on Tuesday, April 2nd, at 8 p.m. After the election of officers and examination of accounts, a paper will be read by Brigade-Surgeon Godwin, M.S., on Some Points in Connection with the Surgical Treatment of Emphyema.—THEOPHILUS W. TREND, M.D., Honorary Secretary, 6, Anglesea Place, Southampton.

BATH AND BRISTOL BRANCH.

THE fourth ordinary meeting of the session was held at the Grand Pump Room Hotel, Bath, on Thursday evening, March 14th; J. HINTON, M.R.C.S. Eng., President, in the chair. There were also present forty-three members.

New Members.—The following gentlemen were elected members of the Association and Branch: W. H. Masters, M.D., Clifton; H. F. Davis, M.R.C.S., L.R.C.P., Bristol; Hedley Hill, M.R.C.S., L.R.C.P., Bristol; W. E. Stevens, M.R.C.S., L.R.C.P., Bristol; J. T. Grey, M.R.C.S., L.R.C.P., Bristol; H. L. Evans, M.B., C.M., Clifton; J. Davies, M.R.C.S., Bath.

Mr. R. J. H. SCOTT exhibited a case of Spina Bifida Occulta.

Communications.—Mr. H. W. FREEMAN read a paper on four cases of Brain Surgery with Trephining, and exhibited two of the patients, which gave rise to a discussion, in which Drs. WALDO, SHINGLETON SMITH, C. STEELE, and BONVILLE FOX took part.—Mr. F. K. GREEN brought forward notes of a case of Obstruction of Bowels, Laparotomy, and Excision of Obstructing Gall-stone, and showed both the gall-stone and a pathological specimen of the case. The paper was well discussed by Drs. WALDO, BRABAZON, SWAYNE, MARKHAM SKERRITT, H. F. A. GOODRIDGE, and Messrs. HUSBAND and S. SMITH.—Mr. PAGAN LOWE read a paper on Referred Neurosis, with illustrative cases. Dr. LONG FOX spoke on the subject of the paper.

SPECIAL CORRESPONDENCE.

VIENNA.

[FROM OUR OWN CORRESPONDENT.]

Cholesteatoma of the Frontal Sinus.—Uranoplasty.—General News.

At a recent meeting of the Imperial and Royal Society of Physicians, Professor Weinlechner showed a man, aged 45, on whom he had successfully operated for cholesteatoma of the frontal sinus. The patient had, on one occasion, been thrown from a carriage. He soon recovered from the effects of the accident, but the left part of the forehead was more prominent than the right. About twelve years ago the patient began to suffer from attacks of headache with sudden loss of consciousness, as well as from giddiness; he invariably had the inclination to fall towards the right

his district was produced in many instances by an indulgence in this pernicious habit, with other causes. The constabulary reported with respect to county Tyrone that the habit of ether-drinking existed in two localities, but in a limited degree. The resident physician of the asylum stated that he could not refer to any particular cases where insanity had been attributable to the habit in his district, but that such had been the case was the general opinion there.

Tuesday, March 26th.

Committee on the Naval and Military Medical Services.—Mr. SEXTON having asked another question with regard to the application of the Royal College of Surgeons of Ireland to be represented on this Commission, Mr. BRODRICK said that he had not heard that the action taken in this matter had given rise to the feeling indicated by the hon. member. He should much regret it if it was so. The reason for limiting the representation to the English Colleges was that it would be impossible to have representatives from all the colleges from which candidates came. It was, therefore, limited to those on the spot. He could not himself see how the interests of a candidate from the Irish College in respect of his pay and status in the army could differ from those of candidates from the English or other colleges; but if the hon. member would point out to him in what the difference consisted he would consider the point.

Wednesday, March 27th.

Horseflesh as Food.—Mr. LEES KNOWLES presented a petition from Manchester and Salford, signed by upwards of 80,300 persons, in favour of a Bill for regulating the sale of horseflesh for human food. The petition pointed out that the sale of horseflesh for human food had greatly increased in these districts, especially in the working-class neighbourhoods, and was carried on by butchers as part of their regular trade without distinction from ordinary flesh meat. The powers of the Public Health Act for dealing with flesh meat were utterly insufficient to stop or regulate the sales so complained of.

The Frog's March.—Mr. PICKERSGILL asked whether the Home Secretary would order the body of Mahony (whose death, it was alleged, had been accelerated by being taken by the police to the lock-up by what is known as the "frog's march") to be examined by a medical man not connected with the police.—Mr. MATTHEWS replied that Mahony's death was largely due to his own violent conduct. It was intended that the senior house-surgeon of the London Hospital should examine the body of Mahony and communicate any information to him. Dr. Phillips was a gentleman of the greatest eminence, and of independent and high character.—Mr. J. O'KELLY thought in a case of this kind independent medical testimony ought always to be called in.—Mr. CHANNING suggested the desirableness of employing mechanical appliances in the form of a stretcher and straps to take violent persons to the police-station.—Mr. MATTHEWS said it took eight constables to remove him; therefore the question of ambulance did not arise. There was no intention on their part to adopt what was called the "frog's march." They got him to the station as he saw fit. It was open to the coroner to call in other medical men if he saw fit.

MEDICAL NEWS.

MR. JOHN RICHARD PHILPOTS, L.R.C.P. Edin., has been appointed to the Commission of the Peace for the town of Poole.

LISBON is suffering from an epidemic of typhoid fever, which began in November, and now threatens to become serious.

A new medical periodical has appeared in Italy, entitled *Rivista Generale Italiana di Clinica Medica*. The editor is Professor Grocco.

A MEDICAL congress is being organised at Havana. The names of 120 practitioners have already been entered, and the titles of more than 60 papers have been sent in.

DR. J. P. L. DÉNUCÉ, Professor of Clinical Surgery in the Medical Faculty of Bordeaux, died on March 18th, at the age of 65. He was one of the leading surgeons of the South of France, and a copious contributor to medical literature.

DR. WILLIAM OSLER has resigned the chair of clinical medicine in the University of Pennsylvania, in order at once to take up the duties of Professor of Medicine in the Johns Hopkins University at Baltimore.

ZOOLOGICAL SOCIETY.—At the last monthly meeting of the Zoological Society of London, Surgeon-Major D. D. Cunningham, of Calcutta, and Surgeon-Major Atmaram Sadashiva Jayakar were elected corresponding members.

SUCCESSFUL VACCINATION.—J. M. Bryan, sen., M.D., F.R.C.S. Eng., of Northampton, has received the Government grant of £16 6s. for successful vaccination, being the third time such grant has been awarded him.

PRESENTATION.—At the recent presentation of certificates, Dr. Booth, who has conducted an ambulance class in the colliery district of Sherburn, Durham, was presented, in the name of the class, with a handsome ornamental walking stick, and a brass newspaper stand.

INTOXICATING NOSTRUMS.—The American Association for the Cure of Inebriety has appointed a Committee on Nostrums, Proprietary Medicines, and New Remedies; and any information con-

cerning nostrums containing opium, alcohol, or other poison, and cases illustrating their ill effects, will be welcomed by D. N. Roe Bradner, 514, S. Third Street, Philadelphia.

THE *Jahresbericht (1888) Chemisch-Pharmaceutischer Produkte* is an account of the drug trade during 1888, issued by the firm of Messrs. Zimmer and Co. It contains a great deal of information interesting to drug merchants, but comparatively little of any direct value to medical men.

RECREATION GROUND FOR FULHAM.—The Ecclesiastical Commissioners have written to the Fulham Vestry stating that they and the Bishop of London are prepared to grant them a lease of 999 years of the meadow adjoining the Bishop's Avenue, Fulham Palace, at a nominal rent of £1 per annum, in order that it may be used as a public recreation ground. The vestry have accepted the offer, and will carry out the conditions applying to it.

A NEW German journal dealing with diseases of the genito-urinary organs appeared on March 9th. It bears the title *Internationales Centralblatt für die Physiologie und Pathologie der Harn- und Sexual-Organen*, and is edited by Dr. W. Zuelzer, of Berlin. Among the contributors are Professor E. von Bergmann, of Berlin, Dr. C. Bozzolo, of Turin, Dr. J. Dreschfeld, of Manchester, Dr. F. Guyon, of Paris, and Dr. N. Otis, of New York.

AN ILLEGIBLE PRESCRIPTION.—Mlle. Richaud, who recently dispensed atropine for antipyrin, with the result that the patient died (JOURNAL, January 26th, page 186), has been fined 30 francs, while her brother, a medical man, has had a similar fine imposed on him for not keeping his poisons locked up. They are further cast in damages to the amount, between them, of 10,000 francs (£400) to the widow and 8,000 francs (£320) to each of the two children of the deceased.

MERCIER v. LABOUCHERE.—The action brought by Mr. Mercier against the editor and proprietor of *Truth* for two alleged libels terminated in a verdict for the plaintiff, damages 40s. The defendant withdrew any charge that the plaintiff had acted dishonestly. Lord Coleridge, before whom the case was tried, commented on the obstinate refusal to hold an inquiry, and expressed the opinion that the plaintiff and those who stood by him in the management of the hospital were very much to blame.

ROYAL COLLEGE OF SURGEONS IN IRELAND: FELLOWSHIP EXAMINATION.—The following gentlemen have been admitted Fellows of the College.

J. Carmichael, Surgeon, Medical Staff; A. H. C. Dane, Surgeon-Major, Bombay Army; W. A. Dickson, Government Medical Officer, British Guiana; and P. A. Hayes, Surgeon-Major, Medical Staff.

SOCIETY OF APOTHECARIES OF LONDON.—The following gentlemen, having satisfied the Court of Examiners as to their knowledge of the Science and Practice of Medicine, Surgery, and Midwifery, received Certificates entitling them to practise as Licentiates of the Society, in March, 1889:

Jones, Francis Frederick, Bristol General Hospital.
Gallard, Joseph Richard, London Hospital.
Masser, Edward Charles, Queen's College, Birmingham.
Boyd, William Robert, Melbourne University.
Martin, Charles James, St. Thomas's Hospital.
Pearse, Robert Rowe, University College Hospital.
Becker, J. E. A. G., St. Bartholomew's Hospital.
Easte, William Alfred, Westminster Hospital.
Gilpin, Robert Harrison, Middlesex Hospital.
Hudson, James Wasdale, Middlesex Hospital.
Hues, Frank, Queen's College, Birmingham.
Twigg, Frederick Graham, London Hospital.

MEDICAL VACANCIES.

The following Vacancies are announced:

BRISTOL GENERAL HOSPITAL.—Surgeon. Applications by April 17th to the Secretary.

CHORLTON-UPON-MEDLOCK DISPENSARY, Manchester.—Honorary Medical Officers. Applications by March 30th to the Honorary Secretary.

CITY DISPENSARY, 46, Watling Street, E.C.—Physician. Applications by April 4th to the Secretary.

CITY OF LONDON HOSPITAL FOR DISEASES OF THE CHEST, Victoria Park, E.—House-Physician. Applications by April 12th to the Secretary, 24, Finsbury Circus, E.C.

DENTAL HOSPITAL OF LONDON, Leicester Square.—Assistant Dental Surgeon. Applications by April 2nd to the Secretary.

ENNISKILLEN UNION.—Medical Officer for Workhouse. Salary, £80 per annum. Applications to Mr. W. H. Morrisson, Clerk of the Union. Election on April 9th.

FISHERTON ASYLUM, Salisbury.—Assistant Medical Officer. Salary, £100 per annum, with board and lodging. Applications to Dr. Finch, Salisbury.

GENERAL HOSPITAL, Birmingham.—Assistant House-Surgeon. Board, lodging, and washing. Applications by March 31st to the House Governor.

HOSPITAL FOR CONSUMPTION AND DISEASES OF THE CHEST, Brompton, S.W.—House-Physicians. Applications by April 13th to the Secretary.

HOSPITAL FOR INFECTIOUS DISEASES, Bootle-cum-Linacre.—Resident Medical Officer. Salary, £100 per annum, with board, apartments, etc. Applications by April 1st to the Chairman of the Health Committee, Town Hall, Bootle.

KILBURN, MAIDA VALE, AND ST. JOHN'S WOOD GENERAL DISPENSARY.—Honorary Medical Officer. Applications by April 3rd to the Honorary Secretary, 13, Kilburn Park Road, N.W.

LIVERPOOL INFIRMARY FOR CHILDREN.—Assistant House-Surgeon. Board and residence. Applications by April 6th to the Honorary Secretary.

METROPOLITAN HOSPITAL, Kingsland Road, E.—Senior House-Surgeon. Salary, £80 per annum, with board and residence. Applications by April 8th to the Secretary.

METROPOLITAN HOSPITAL, Kingsland Road, E.—Junior House-Surgeon. Salary, £40 per annum, with board and residence. Applications by April 8th to the Secretary.

MONKWEARMOUTH DISPENSARY AND ACCIDENT HOME.—House-Surgeon. Salary, £80 per annum, with board and lodging. Applications by April 8th to Scott Gunn, Esq., Honorary Secretary, Azalea Terrace South, Sunderland.

NATIONAL ORTHOPÆDIC HOSPITAL.—Surgical Registrar and Anæsthetist. Honorarium of £20 per annum. Applications by April 2nd to the Secretary, 234, Great Portland Street, W.

NEWPORT AND COUNTY INFIRMARY AND DISPENSARY, Newport, Mon.—House-Surgeon. Salary, £100 per annum, with board and residence. Applications by April 2nd to the Secretary.

NORTH-EASTERN HOSPITAL FOR CHILDREN, Hackney Road.—Surgeon. Applications by April 5th to the Secretary, 27, Clement's Lane, E.C.

PARISH OF ARROCHAR, N.B.—Medical Officer. Salary, £100 per annum. Applications to the Inspector of the Poor, Tarbet, Lochlomond, N.B.

PUBLIC DISPENSARY, 59, Stanhope Street, Clare Market, W.C.—Resident Medical Officer. Salary, £105 per annum, with apartments, etc. Applications by April 3rd to the Secretary, 48, Chancery Lane, E.C.

QUEEN CHARLOTTE'S LYING-IN HOSPITAL, Marylebone.—Physician to Out-patients. Applications by April 1st to the Secretary.

RICHMOND HOSPITAL.—House-Surgeon. Salary, £80 per annum, with board and residence. Applications by April 6th to the Secretary.

ROYAL FREE HOSPITAL, Gray's Inn Road.—Additional Assistant Physician (for out-patients only). Applications by March 30th to the Secretary.

ROYAL SOUTHERN HOSPITAL, Liverpool.—Junior House-Surgeon. Salary, 60 guineas per annum, with board, residence, etc. Applications by April 2nd to the Chairman of the Medical Board.

SALFORD ROYAL HOSPITAL.—Junior House-Surgeon. Salary, £50 per annum, with board and residence. Applications by April 3rd to the Secretary.

SHEFFIELD PUBLIC HOSPITAL AND DISPENSARY.—Junior Assistant House-Surgeon. Salary, £50 per annum, with board, lodging, etc. Applications by March 30th to the Honorary Secretary.

TOWNSHIP OF MANCHESTER.—Assistant Medical Officer to the Workhouses at Crumpsall and New Bridge Street. Salary, £150 per annum, with furnished apartments, etc. Applications by March 30th to the Clerk to the Guardians, Poor Law Offices, New Bridge Street, Manchester.

UNIVERSITY COLLEGE, London.—Assistant Physician. Applications by March 31st to the Secretary.

WALLASAY DISPENSARY.—House-Surgeon. Salary, £120 per annum, with residence, etc. Applications by April 2nd to Mr. W. Heap, Honorary Secretary, Elm Mount, Penkett Road, Liscard, near Birkenhead.

WESTERN GENERAL DISPENSARY, Marylebone Road.—Junior House-Surgeon. Salary, £75 per annum, with furnished apartments, etc. Applications by April 1st to the Secretary.

MEDICAL APPOINTMENTS.

ARNISON, W. D., M.B.Durh., M.R.C.S., L.R.C.P., appointed House-Surgeon and Assistant Secretary to the West Herts Infirmary, Hemel Hempstead, *vice* W. J. Thomas, M.B., C.M.Edin., resigned.

BROOK, W. F., M.R.C.S.Eng., L.S.A., appointed House-Surgeon to the West London Hospital, Hammersmith Road, *vice* A. B. Blacker, M.B., M.R.C.S.Eng., L.R.C.P.Lond., resigned.

BRYAN, J. M., jun., L.R.C.P.Lond., M.R.C.S.Eng., appointed Medical Officer to the St. Giles's District of Northampton Union.

CARR, J. W., M.D., F.R.C.S.Eng., L.S.A., appointed on the Visiting Staff of the Victoria Hospital for Children, Chelsea.

FRASER, A. M., L.R.C.P.Ed., L.R.C.S.Ed., appointed Medical Officer to the Whitley District of the Tynemouth Union, *vice* W. H. Besant, L.R.C.P.Ed., resigned.

GRIFFITH, A. Hill, M.D.Aberd., late Assistant Surgeon to the Manchester Royal Eye Hospital, appointed Surgeon, *vice* P. H. Mules, M.D., resigned.

JOHNSON, G. L., M.B., F.R.C.S.Eng., appointed Ophthalmic Surgeon to the West End Hospital for Diseases of the Nervous System.

KIDD, H. A., M.R.C.S., L.R.C.P., appointed Junior Assistant Medical Officer to the Surrey County Asylum, Cane Hill, *vice* G. C. FitzGerald, promoted.

LAWTON, Herbert A., D.P.H.Eng., L.R.C.P.Lond., M.R.C.S.B., L.S.A., re-appointed Medical Officer of Health to the Poole Urban and Port Sanitary Authorities.

LUMLEY, Charles A., M.R.C.S., L.R.C.P., appointed Assistant House-Surgeon to the Birmingham and Midland Eye Hospital.

LYS, Henry Graham, M.B.Lond., M.R.C.S., appointed House-Surgeon and Secretary to the Royal Victoria Hospital, Bournemouth, *vice* E. Cusse, M.R.C.S., L.S.A., resigned.

MILLICAN, K. W., L.R.C.P.Edin., L.M., M.R.C.S.Eng., appointed Physician for Diseases of the Throat and Ear to the West End Hospital for Diseases of the Nervous System.

ORD, W. W., M.B., B.Ch.Oxon., M.R.C.S.Eng., appointed House-Physician to the Victoria Hospital for Children, Chelsea.

POPE, George Stevens, L.R.C.P. and S.Ed., appointed Assistant Medical Officer to the Friends' Retreat, York.

SMITH, William R., M.D., D.Sc., appointed to the Chair of Forensic Medicine to King's College.

STEEN, Wm. C., M.D., M.Ch., M.A.O., appointed Medical Officer and Public Vaccinator to the West Butterwick Division of the Gainsborough Union.

TOWNSEND, E. R., M.D.Dub., appointed Professor of the Practice of Medicine to Queen's College, Cork, *vice* Denis C. O'Connor, M.D., LL.D., deceased.

WHISTON, Phillip, M.R.C.S., L.R.C.P.Lond., elected Resident Clinical Assistant to the St. Marylebone Infirmary, *vice* C. S. Donale, time-expired.

WYNNE, J. D., M.B., B.Ch., M.R.C.S.Eng., appointed House-Surgeon to the Jessop Hospital for Women, Sheffield, *vice* J. M. Willey, M.R.C.S.Eng., resigned.

DIARY FOR NEXT WEEK.

MONDAY.

ODONTOLOGICAL SOCIETY OF GREAT BRITAIN, 8 P.M.—Mr. Jonathan Hutchinson, F.R.S.: Notes on Surgical Diagnosis by the Teeth. Casual communication by Mr. C. S. Tomes, F.R.S., on a case of Epithelioma of Upper Jaw.

MEDICAL SOCIETY OF LONDON, 8.30 P.M.—Sir Joseph Fayrer: On Tropical Diarrhoea as seen in this Country. Dr. Sidney Phillips: On a Case of Syphilitic Fever resembling Tertian Ague.

TUESDAY.

ROYAL COLLEGE OF PHYSICIANS OF LONDON, 5 P.M.—Dr. H. H. Tooth: The Goulstonian Lectures on Secondary Degenerations of the Spinal Cord. Lecture III.

SOCIETY FOR THE STUDY OF INEBRIETY, 11 Chandos Street, Cavendish Square, W., 4 P.M.—Annual meeting. Dr. Norman Kerr: Presidential address—Does Inebriety conduce to Longevity? Mrs. L'Oste: *Résumé* of Twenty-seven Years' Experience in Treating Female Inebriates.

PATHOLOGICAL SOCIETY OF LONDON, 8.30 P.M.—Dr. Mott: Aneurysm of Ulnar and Brachial Arteries, the Result of Embolism. Dr. Lediard: 1. Congenital Cyst of the Tongue. 2. Congenital Goitre in an Infant causing Death. Dr. Handford: Cylindroma. Dr. Collier: Aneurysm of Arch of Aorta and Right Subclavian Artery. Mr. Spencer: Disease of Bones in Goats having resemblance to Osteitis Deformans, to Osteomalacia, and to Multiple Sarcoma of Bone. Mr. Targett: Diffuse Calcification of Liver. Card Specimens: Dr. Ormerod: 1. Thrombosis of Innominate, Subclavian, and Jugular Veins of both Sides. 2. Hæmorrhagic Sarcoma of Abdominal Viscera. Dr. T. West: Symmetrical Aneurysm of Middle Cerebral Arteries.

WEDNESDAY.

OBSTETRICAL SOCIETY OF LONDON, 8 P.M.—Specimens will be shown by Dr. Rasch and others. Dr. Champneys: Case of Cæsarean Section for Contracted Pelvis. Dr. John Phillips: On Acute Non-septic Pulmonary Disorders as Complications of the Puerperium.

THURSDAY.

ROYAL COLLEGE OF PHYSICIANS OF LONDON, 5 P.M.—Dr. John Harley: The Lumleian Lectures on Interic Fever. Lecture I.

FRIDAY.

CHARING CROSS HOSPITAL, 3.30 P.M.—Mr. J. H. Morgan: On Surgical Diseases of the Kidney.

BIRTHS, MARRIAGES, AND DEATHS.

The charge for inserting announcements of Births, Marriages, and Deaths is 5s. 6d., which should be forwarded in stamps with the announcement.

BIRTHS.

BARNES.—On February 3rd, at Caledonia Park, St. George's, Bermuda, the wife of Surgeon H. J. Barnes, Army Medical Staff, of a daughter.

GREENER.—On the 17th inst., at Clare Street, Cardiff, the wife of M. H. Greener, M.B., C.M., of a daughter.

HODGSON.—On March 20th, at Devonshire House, Bootle, Liverpool, the wife of George G. Hodgson, M.R.C.S., L.S.A.Lond., of a son.

MARRIAGES.

GUNN—DAWSON.—At 19, Queen's Road, Aberdeen, on the 20th inst., by the Rev. David Beatt, Robert Marcus Gunn, F.R.C.S., London, to Mary, youngest daughter of the late Rev. T. H. Dawson, Minister of the Parish of Monymusk, Aberdeenshire.

SAINSBURY—TUKE.—On the 26th inst., at the Parish Church, St. Marylebone, by the Rev. Donald S. McClean, M.A., Rector of Hanwell, assisted by the Rev. Grant E. Thomas, M.A., Harrington Sainsbury, M.D., of Welbeck Street, Cavendish Square, W., son of the late Samuel Sainsbury, to Maria, only daughter of D. Hack Tuke, M.D., LL.D., of Lyndon Lodge, Hanwell, Middlesex.

we are bound to obey any by-laws, however unreasonable, I would reply that a railway company has often contended that the receiver of a railway ticket is similarly bound by its by-laws, but such by-laws have often been set aside on their merits by a court of equity. Personally I take no interest in the Royal College of Surgeons as such, but I do believe that when the Members are represented in its government the perspective of the Council will be enormously enlarged—so much so as to take in the welfare of the profession at large. When this is done there will be less certainty that every useful measure which may be brought forward for the good of the profession will be defeated or emasculated by the jealousies of competing corporations, and then also we may hope that those individuals who have duties at our College, whether as prosecutors giving their gratuitous services to the examiners, or as candidates wishing to pay their fees, will be treated by the officials with courtesy and consideration.

With reference to the penalty which it is proposed to inflict, I can only observe that an unjust law often remains unenforced until it is enforced.—I am, Sir, your obedient servant,
W. DONALD SMALLPEICE.

To the Secretary, Royal College of Surgeons, Lincoln's Inn Fields.

REMARKS ON A POINT OF SCRIPTURE HISTORY.

DR. FITZJAMES MOLONY (Porlock, Somerset) writes: In carefully reviewing the account given in the Gospels of our Lord's crucifixion, one is struck by the unusual rapidity (three hours) with which death occurred. Death by crucifixion was usually the slowest of deaths from the avoidance of injury to vital parts; it was not uncommon for persons crucified to remain on the cross for many days, dying at last from actual starvation. I think that the Gospel narrative points to the probability, humanly speaking, of physical illness being one cause of the early death, and the pouring out of blood and water shows the presence of serous effusion in the pleural cavity. The following facts tend to this conclusion: (1) Every night previous to His betrayal He remained in the Mount of Olives when the nights, as we learn, were bitterly cold. (2) It was customary for the person crucified to carry his own cross; He was unable to carry it to the place of execution, probably from physical illness and exhaustion. (3) He died within three hours. (4) After death His side was pierced, and there came out blood and water, or, as we would now call it, blood-stained serum.

The facts recorded are few, but they tell of prolonged exposure to cold, of physical exhaustion, and a condition after death which, unless we look on it as miraculous, is only found in cases of pleuritic effusion.

BATHS OF BATH.

A COMPLETE tariff of the charges for baths in Bath is being published in a handy form. It will be sent to medical men throughout the kingdom.

IS SYPHILIS INCURABLE?

ERRATUM.—In the sixth paragraph of Mr. Le Gros Clark's letter on the curability of syphilis, published in the JOURNAL of March 23rd, p. 680, for "predilection" (line 5) read "free dilution."

TO CORRESPONDENTS.

OUR correspondents are reminded that prolixity is a great bar to publication, and, with the constant pressure upon every department of the JOURNAL, brevity of style and conciseness of statement greatly facilitate early insertion. We are compelled to return and hold over a great number of communications, chiefly by reason of their unnecessary length.

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

Dr. G. H. Rodman, London; Dr. W. Donovan, Birmingham; Dr. H. Woods, London; Dr. G. Cordwell, Milverton; Dr. M. A. Veeder, Lyons, New York; Mr. H. A. Lawton, Poole; Mr. W. H. Spurgin, Maryport; Dr. Apostoli, Paris; Mr. F. Vacher, Birkenhead; Mr. J. C. Heaven, Bristol; Dr. C. A. Lees, London; Mr. E. Nettleship, London; Mr. N. C. Dobson, Clifton; Mr. E. Preston, London; Professor Gairdner, Glasgow; Mr. J. B. Willoughby, London; Mr. W. Whitehead, Manchester; Dr. P. H. Pye-Smith, London; Dr. J. C. Lisboa, Bombay; Our Berlin Correspondent; Mr. F. C. Wood, Sheriff Hutton; Messrs. T. Fletcher and Co., Warrington; Dr. G. E. Jeaffreson, Framlingham; Dr. J. B. Hicks, London; Dr. A. Whitelegge, Nottingham; Mr. A. W. Mayo Robson, Leeds; Dr. A. C. Sym, Edinburgh; Dr. F. Smith, Cheltenham; Mr. J. Fowler, Uppingham; Mr. G. Munro Smith, Clifton; Medical Staff; Sir S. Baker, Bart., London; Dr. T. McCall Anderson, Glasgow; J. H. P. B.; Surgeon C. C. Reilly, Lucknow; Mr. F. Penberthy, London; Mr. C. T. Griffiths, Bath; Mr. H. Lane, Bath; Mr. H. Sewill, London; The Secretary of the West End Hospital for Diseases of the Nervous System, London; Dr. H. Ker, Halesowen; Surgeon A. Willan Dawson, Demarara; Mr. F. W. Clark, Luton; Dr. S. Snell, Sheffield; Mr. S. Murphy, London; Mr. A. H. Benson, Dublin; Mr. Kelly, London; Mr. Lockwood, London; Dr. F. E. Townsend, Eton; Dr. A. D. Macdonald, Liverpool; Mr. F. Clark, Sevenoaks; Dr. L. Drage, Hatfield; Mr. R. Baker, York; Dr. R. T. Smith, London; Dr. T. Jones, Eastbourne; Dr. W. L. Morgan, Oxford; Mr. P. H. Day, Preston; Dr. G. O. McKane, Leeds; Dr. Martin, Ardwick; Mr. C. Farmer, London; Dr. L. Vess, Burleburg; Messrs. Churchill and Co., London; Dr. A. W. Flood, Bundoran; Dr. J. G. Parsons, Bristol; Mr. G. D. Mackintosh, Harpurhey; Mr. A. Greenwood, London; Our Liverpool Correspondent; Dr. R. T. Halliday, Ashton-in-Makerfield; Dr. J. Holmes, London; Mr. J. Odling, London; Mr. R. C. Benington, Newcastle-on-Tyne; Messrs. Crossley, Moir, and Co., London; Surgeon C. Townsend, Cork; Dr. Imlach, Liverpool; Dr. C. S. Jeaffreson, Newcastle-on-Tyne; Dr. R. J. Garden, Aberdeen; Dr. Tatham, Salford; Mr. O. Murray, Liverpool; President of the British Laryngological and Rhinological Association, London; Mr. E. Bell, London; Surgeon F. P. Nichols, Alderney;

Mr. A. Jackson, Sheffield; Dr. J. Phillips, London; Mr. F. B. Jessett, London; Mr. C. E. Abbott, Braintree; Mr. H. H. Kidd, Darley; Dr. G. Macdonald, London; Mr. F. Mead, Taunton; Mr. W. B. Darroll, Wickham Market; E. M. Sympson, M.B., Lincoln; Mr. G. G. Hodgson, Liverpool; Mr. W. Johnson, Edinburgh; Dr. E. D. Mapother, London; The Secretary of the Sanitary Institute, London; Mr. R. S. Tritton, Brigg; Dr. T. C. Fox, London; The Medical Dean of King's College, London; Mr. L. von Lubbe, London; The Medical Superintendent of the St. Marylebone Infirmary, London; Major H. J. Means, London; Mr. Adams Frost, London; Mr. R. S. Jaques, Darlington; Dr. J. Mitchell Bruce, London; W. Hunter, M.B., Nottingham; Miss Macnaghten, London; Mr. E. Cheshire, Birmingham; Mr. F. R. Humphreys, London; Dr. H. Burden, Belfast; Dr. Brailley, London; The Secretary of the Church of England Burial Reform, etc., Association, London; Dr. W. A. Jamieson, Edinburgh; Dr. F. Beach, Darenth; Our Australian Correspondent, Melbourne; T. Mitchell, M.B., Gorseinon; Dr. D. Hennessy, Bishope, Zululand; Dr. Ryan, Dublin; Mr. C. H. Bishop, London; Mr. B. Columbine, Bedford; Dr. T. Laffan, Cashel; Mr. J. Williams, Birmingham; Dr. S. Dodge, Halifax, Nova Scotia; Dr. Arthur Kempe, Exeter; Our Manchester Correspondent; Dr. H. O. Marcy, Boston, Mass.; Dr. F. Carre, Letterkenny; Mr. R. J. Bryden, Gravesend; Dr. A. Sheen, Cardiff; Dr. G. Gumpert, Manchester; Confreire, Retired; Mr. G. C. Peachey, Portslade; Mr. S. C. Noble, Kendal; Mr. J. R. Topping, London; Dr. Lewers, London; Dr. T. W. Trend, Southampton; Dr. P. Boobyer, Nottingham; Dr. A. Edington, Edinburgh; Dr. M. C. Halton, Barnsley; Mr. C. B. Richardson, Portslade; Mr. W. E. Hardy, Ipswich; Mr. W. Tinker, Ipswich; Messrs. J. Richardson and Co., Leicester; Dr. Edwardes, London; Dr. Theodore Williams, Cannes; Mr. A. A. Reade, Manchester; Mr. J. R. Morison, Newcastle-on-Tyne; Dr. R. Wade Savage, London; Mr. J. Bunting, Torquay; Dr. H. McClure, Cromer; Dr. W. D. Halliburton, London; Mr. S. M. Copeman, London; Mr. W. R. Edmond, Chew Magna; F. Mead, M.B., Taunton; Dr. J. W. Hunt, London; Mr. W. A. Ellis, London; Mr. G. C. Rowland, Richmond; Mr. A. R. Wallis, Cambridge; Dr. J. Phillips, Sunderland; Mr. A. W. Nankivell, Chatham; Dr. A. H. Griffith, Manchester; Surgeon C. R. Tyrrell, Colchester; Dr. C. W. S. Barrett, Huntingdon; Mr. D. R. McArthur, Blandford; Mr. J. W. Papillon, London; Mr. C. M. Jessop, London; Mr. E. Thompson, Omagh; Dr. Walter Pearce, London; Mr. J. Brennan, Dublin; Mr. J. Hall, Monaghan; A Member; Dr. M. Deas, Exeter; Mr. F. Marsh, Birmingham; Mr. K. M. Mackenzie, London; Miss Owen, London; The Secretary of the St. John Ambulance Association, London; Dr. J. W. Taylor, Scarborough; Messrs. Baildon and Son, Edinburgh; M. H. Greener, M.B., Cardiff; Dr. Macnoughton Jones, London, etc.

BOOKS, ETC., RECEIVED.

The Treatment of Epilepsy. By William Alexander, M.D., F.R.C.S. With nine illustrations. Edinburgh and London: Y. J. Pentland. 1889.
Modern Cremation. By Sir H. Thompson. London: Kegan Paul, Trench, and Co. 1889.
The Student's Textbook of the Practice of Medicine. By Angel Money, M.D. London: H. K. Lewis.
Bournemouth as a Health Resort. By A. Kinsey-Morgan, M.R.C.S. Eng. London: Simpkin, Marshall, and Co. 1889.
Shelley and Co.'s Complete Press Directory for 1889. Third edition. Price, 1s. London: Shelley and Co.
Cosmic Evolution, being Speculation on the Origin of Our Environment. By E. A. Ridsdale. London: H. K. Lewis. 1889.

SCALE OF CHARGES FOR ADVERTISEMENTS IN THE "BRITISH MEDICAL JOURNAL."

Seven lines and under	...	...	...	...	20	3	6
Each additional line	...	...	...	...	0	0	4
A whole column	...	...	...	...	1	15	0
A page	...	...	...	...	5	0	0

An average line contains seven words.

When a series of insertions of the same advertisement is ordered, a discount is made on the above scale in the following proportions, beyond which no reduction can be allowed.

For 6 insertions, a deduction of	...	...	10 per cent.
" 12 or 13 "	...	...	20 "
" 26 "	...	...	25 "
" 52 "	...	...	30 "

Special terms for occasional change of copy during series:
20 per cent. if not less than 26 pages be taken } or their equivalent
25 " " 52 " " } in half or
30 " " 104 " " } quarter pages.

For these terms the series must, in each case, be completed within twelve months from the date of first insertion.

Advertisements should be delivered, addressed to the Manager at the Office, not later than noon on the Wednesday preceding publication; and, if not paid for at the time, should be accompanied by a reference.

Post-Office Orders should be made payable to the British Medical Association at the West Central Post-Office, High Holborn. Small amounts may be paid in postage-stamps.

NOTICE.—Advertisers are requested to observe that it is contrary to the Postal Regulations to receive at Post-Offices letter addressed to initials only.