

M.D. and C.M., with honours, in 1867. He subsequently severally occupied the posts of resident surgeon in the Royal Infirmary, Edinburgh, physician-assistant to the Manchester Royal Infirmary, physician to the Hulme Dispensary, and lastly, assistant-physician to the Manchester Infirmary.

Dr. Ritchie was a widely read and highly accomplished physician, an excellent specimen of the best kind of the scientific practitioner. He contributed several articles of high merit to the *Practitioner*, and weekly medical journals, and very materially assisted W. W. Roberts in the revised edition of his work on *Renal Diseases*.

MEDICAL NEWS.

APOTHECARIES' HALL.—The following gentlemen passed their examination in the science and practice of medicine, and received certificates to practise, on Thursday, July 31st, 1873.

Carter, Albert, Belvedere, Kent.
Carter, Francis Richard, Potter Newton, Leeds.
Corbin, Edward Kinnersley, Guernsey.
Davies, James Harries, Llandyssul, South Wales.
Griffiths, David, Aberayron, South Wales.
Jones, Thomas Evan, Buarthyfail, Anglesea.
Welch, William John Joseph, Stourbridge.
Hawton, James William Hambly, Devonport.

The following gentlemen also on the same day passed their primary professional examination.

Bate, George, St. Thomas's Hospital.
Duke, Edgar, Guy's Hospital.
Fox, Richard Kingston, London Hospital.
Jepson, Edward, St. Bartholomew's Hospital.
Spark, John, St. Bartholomew's Hospital.
Spooner, Frederick Henry, St. Bartholomew's Hospital.
Thomson, Samuel John, St. Mary's Hospital.
Watts, Frederick, St. Bartholomew's Hospital.

HOSPITAL CONSTRUCTION.

THE final report of accounts for the building of St. Thomas's Hospital has been presented, and some extracts from it are published in the *Times*. The following, which relates to the outlay on the buildings, will be read with interest.

“The total expenditure, irrespective of the cost of the site and of the extensive concrete foundations required by the exceptional character of the ground (half of the site having been reclaimed from the river), may be thus classified:—Mr. Perry's account for the buildings, £346,377; ditto, for sundry wood fittings, £6,500; for warming, ventilating, and hot water services and ward stoves, £11,345; for hydraulic lifts, etc., £5,229; for gas mains, pipes, and fittings, £3,765; for cooking apparatus in the principal and other kitchens, £875; lavatory and bath fittings, £1,667; stoves and chimney-pieces, £1,721; electric communication and bells, £918; engineer's works in the dispensary and other laboratories, and fittings in chemical laboratory, £1,788; fire appliances, £313; laying out the grounds and planting, £2,820; sundries, £597—total, £383,948. Of this amount, the architect states that about £30,000 may be taken as the cost of the museum and school buildings, including fittings; £10,000 as the expense of erecting the home for the probationer nurses to be trained under the arrangement with the Council of the Nightingale Fund; and Mr. Currey estimates the cost of the extensive range of buildings required for the out-patients and casualty departments at £33,000, leaving £311,000 as the cost of the hospital, including the administration block, officers' residences, the chapel, the enclosure walls and railings, the river colonnades, hydraulic lifts, and all necessary fittings; and as the hospital is designed for nearly 600 beds, the cost per bed is a little more than £530, with a cubic capacity of 1,800 feet for each patient. The cost per cubic foot of the whole range of buildings has been about 9d., and it may be safely asserted that the cost of the hospital would have been largely increased had its erection been postponed to a later period. (It may be desirable to state the cost of the simple extension of a hospital built on the pavilion principle, with but two rows of beds in each ward, where only ward and nursing accommodation is required. The architect gives as the cost of one

pavilion, containing 111 beds with sisters' room, nurses' dormitories, ward kitchen and offices, excluding, as before, the cost of special concrete foundations, as extracted from tender of Mr. Perry, £29,468: add for extras, being proportion of the actual result, £1,472—total, £30,940, or nearly £280 per bed; and adding for fittings, lifts, gas, warming and ventilating arrangements, and electric communication, £4,400—total, £35,340, or about £318 per bed.) It may be interesting to compare these figures with the cost of other hospitals. The Herbert Hospital, with a cubic capacity per patient of 1,200 feet, cost £320 per bed, exceptional circumstances, as at St. Thomas's, having increased its cost. The Lariboisière Hospital at Paris, with 606 beds (having but very limited out-patient arrangements, and needing much less extended corridor communication), is said to have cost £440 per bed, with a cubic capacity of nearly 1,900 feet per patient. The Hôtel Dieu at Paris, now in course of erection, is reported to have cost, with the alterations which have been found necessary, £600,000; and if the number of beds be reduced, as proposed, to 400, the cost per bed will be £1,500, with a cubic capacity to each of about 2,300 feet; but if the original number of 800 be adhered to, the cost will be £750 per bed. Taking, therefore, the average cost of the three great Hospitals referred to, the average cost per bed appears to be a little more than £500, and the average cubic capacity 1,800 feet, which figures nearly correspond with the results at St. Thomas's. It is believed, however, that the accommodation provided at St. Thomas's in ward-offices, etc., irrespective of the actual ward space, is far larger than at any of the other hospitals referred to, and it must be remembered that this is included in the cost per bed. The professional charges of the architect (including payments of £2,252 to the clerk of the works) have been £13,032. The cost of furniture has been £10,084.

MEDICAL VACANCIES.

THE following vacancies are announced:—
ALCESTER UNION, Warwickshire—Medical Officer for the Bidford District: £55 per annum.
AUCHTERGAVEN, Perthshire—Parochial Medical Officer: £32 per annum.
Applications to Thomas Wyllie, Chairman.
BOURNEMOUTH GENERAL DISPENSARY—Resident Surgeon: £100 per annum, furnished apartments, etc. Applications, August 28th, to the President, care of J. G. Douglas, M.B.
BRIDGWATER UNION—Medical Officer for District No. 5: £36 per annum.
BROMYARD, HEREFORD, LEDBURY, LEOMINSTER, AND WEOBLEY RURAL SANITARY DISTRICTS—Medical Officer of Health: £500 per annum for three years, without private practice. Applications, 19th inst., to T. Llanwarne, Esq., Hereford.
CARLISLE URBAN SANITARY DISTRICT—Medical Officer of Health: £150 per annum for three years. Applications, 12th.
DERBY AMALGAMATED FRIENDLY SOCIETIES MEDICAL ASSOCIATION—Assistant-Surgeon: £130 per annum. Applications, 15th inst., to J. Bullivant, Secretary, 58, Abbey Street, Derby.
EDENDERRY UNION, King's County—Medical Officer, Public Vaccinator, and Registrar of Births, etc., for the Ballyboggan Dispensary District: £120 per annum and fees. Applications, 12th inst., to James Robinson, Hon. Sec.
ESSEX AND COLCHESTER HOSPITAL—House-Surgeon and Apothecary: £80 per annum, board, and lodging. Applications, 21st inst., to John Lay, Esq., Secretary.
EVELINA HOSPITAL FOR SICK CHILDREN—Registrar.
EVESHAM UNION, Worcestershire—Medical Officer for District No. 5: £12 per annum.
FEVER HOSPITAL AND HOUSE OF RECOVERY, Cork Street, Dublin—Two Resident Medical Pupils. Applications, 13th inst., to T. F. Eustace, Registrar.
GUILTCROSS RURAL SANITARY UNION—Medical Officer of Health: £50 for one year. Applications, 16th.
JOINT COUNTIES LUNATIC ASYLUM, Carmarthen—Assistant Medical Officer: £100 per annum to commence, furnished apartments, etc. Applications, 27th inst., to the Medical Superintendent.
KILKEEL UNION, co. Down—Medical Officer, Public Vaccinator, and Registrar of Births, etc., for the Kilkeel Dispensary District, No. 2: £80 per annum, and fees. Applications to James Walmsley, Esq., Ballykeel House, Kilkeel.
LIVERPOOL EYE AND EAR INFIRMARY—House-Surgeon: £80 per annum, residence, etc. Applications, 20th inst., to Henry H. Hornby, Hon. Sec.
LIVERPOOL NORTHERN HOSPITAL—Surgeon.
LIVERPOOL ROYAL INFIRMARY SCHOOL OF MEDICINE—Demonstrator of Anatomy: £100 per annum.
MANCHESTER ROYAL INFIRMARY—Assistant-Physician.
MANCHESTER TOWNSHIP—Assistant Resident Medical Officer to the Work-house at Crumpsall.
NEWTON ABBOT RURAL, and DAWLISH AND WOLBOROUGH URBAN, SANITARY DISTRICTS, combined—Medical Officer of Health: £400 per annum for two years, without private practice. Applications, 16th inst., to John Alsop, Esq.

RIPON DISPENSARY AND HOUSE OF RECOVERY—Resident: House-Surgeon: £100 per annum, furnished apartments, etc.
 ROYAL SOUTH HANTS INFIRMARY, Southampton—House-Surgeon: £70 per annum, board, lodging, and washing. Applications, 16th inst.
 ST. MARY'S HOSPITAL, Manchester—Resident Medical Officer.
 UPTON-ON-SEVERN RURAL SANITARY DISTRICT—Medical Officer of Health: £100 for one year. Applications, 13th.
 WANTAGE UNION—Medical Officer, Isley District: £55 per annum. Applications, 11th inst.
 WOLVERHAMPTON AND STAFFORDSHIRE GENERAL HOSPITAL—Physician's Assistant: £100 per annum, board, washing, and furnished apartments.
 WREXHAM INFIRMARY AND DISPENSARY—House-Surgeon: £80 per annum, residence and maintenance.

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 communication

BIRTHS.

GAIRDNER.—At Ardrossan, Ayrshire, on July 31st, the wife of Professor Gairdner, M.D., Glasgow University, of a son.
 SIMPSON.—On August 3rd, at 52, Queen Street, Edinburgh, the wife of *Professor Simpson, of a son.
 WATSON.—On August 3rd, at Tottenham, the wife of *W. Tyndale Watson, of a son.

MARRIAGES.

GRAY—DARCY.—On August 2nd, at Ballymacward Church, co. Galway, by the Rev. J. H. Smythe, late Rector of Ballyclug, assisted by the Rev. F. Carr, Rector of the Parish, George Gray, M.D., of Castlewellan, co. Down, to Jane Adelaide, daughter of the late Thomas Richardson, J.P., of Tyaquin, co. Galway, and widow of Charles Vevey Darcy, J.P., of Bryansford, co. Down, and Lieutenant H.M. Indian Army.
 SPURGIN—SALE.—On August 6th, at Clifton, near Rugby, by the Rev. Thomas Sale, D.D., Vicar of Sheffield and Canon of York, uncle of the bride, assisted by the Rev. S. Newall, Vicar of Clifton, Herbert Branwhite Spurgin, Esq., Surgeon 48th Northamptonshire and Rutland Militia, of Northampton, to Jane Anna, younger daughter of the late Edward Sale, Esq.

DEATH.

JOHNSTONE, George, M.D., at Brighouse, aged 33, on July 23rd.

OPERATION DAYS AT THE HOSPITALS.

MONDAY Metropolitan Free, 2 P.M.—St. Mark's, 1.30 P.M.—Royal London Ophthalmic, 11 A.M.—Royal Westminster Ophthalmic, 1.30 P.M.
 TUESDAY Guy's, 1.30 P.M.—Westminster, 2 P.M.—Royal London Ophthalmic, 11 A.M.—Royal Westminster Ophthalmic, 1.30 P.M.—West London, 3 P.M.—National Orthopaedic, 2 P.M.
 WEDNESDAY... St. Bartholomew's, 1.30 P.M.—St. Mary's, 1.30 P.M.—Middlesex, 1 P.M.—University College, 2 P.M.—St. Thomas's, 1.30 P.M.—London, 2 P.M.—Royal London Ophthalmic, 11 A.M.—Great Northern, 2 P.M.—Samaritan Free Hospital for Women and Children, 2.30 P.M.—Cancer Hospital, Brompton, 3 P.M.—King's College, 2 P.M.—Royal Westminster Ophthalmic, 1.30 P.M.
 THURSDAY.... St. George's, 1 P.M.—Central London Ophthalmic, 1 P.M.—Royal Orthopaedic, 2 P.M.—Royal London Ophthalmic, 11 A.M.—Hospital for Diseases of the Throat, 2 P.M.—Royal Westminster Ophthalmic, 1.30 P.M.
 FRIDAY Royal Westminster Ophthalmic, 1.30 P.M.—Royal London Ophthalmic, 11 A.M.—Central London Ophthalmic, 2 P.M.—Royal South London Ophthalmic, 2 P.M.
 SATURDAY... St. Bartholomew's, 1.30 P.M.—King's College, 1.30 P.M.—Charing Cross, 2 P.M.—Royal London Ophthalmic, 11 A.M.—Royal Free, 2 P.M.—East London Hospital for Children, 2 P.M.—Hospital for Women, 9.30 A.M.—Royal Westminster Ophthalmic, 1.30 P.M.—St. Thomas's, 9.30 A.M.—Royal Free, 9 A.M. and 2 P.M.

NOTICES TO CORRESPONDENTS.

CORRESPONDENTS not answered, are requested to look to the Notices to Correspondents of the following week.

WE CANNOT UNDERTAKE TO RETURN MANUSCRIPTS NOT USED.

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

COMMUNICATIONS respecting editorial matters should be addressed to the Editor; those concerning business matters, non-delivery of the JOURNAL, etc., should be addressed to the General Manager, at the Office, 37, Great Queen Street, W.C.

CORRESPONDENTS are particularly requested by the Editor to observe that communications relating to Advertisements, changes of address, and other business matters, should be addressed to Mr. Francis Fowke, General Secretary and Manager, at the Journal Office, 37, Great Queen Street, W.C., and not to the Editor.

NOTICES of Births, Marriages, Deaths, and Appointments, intended for insertion in the JOURNAL, should arrive at the Office not later than 10 A.M. on Thursday.

FEES IN CASES OF URGENCY.

SIR,—Some letters from Poor-law medical officers have of late appeared in the BRITISH MEDICAL JOURNAL complaining of the action of Boards of Guardians in regard to extra fees claimed for attending to cases of urgency without a written order. I used to think that the custom of refusing such fees was a characteristic of a board to which I once had the honour to belong; but it would appear from your correspondents that the same *low trick* (I use the term advisedly) is practised elsewhere.

For the benefit of Boards of Guardians who may not be aware how some few pounds *per annum* may be saved from falling into the medical officers hands, I give the following *modus operandi*. The poor must be given to understand that in all sudden cases they must go at once to the medical officer, without an order. If the latter attend to the case, and then claim the regulation fee, he is politely asked for the order, and having none, is told by the board to go about his business. If, on the other hand, he decline to go to a case before the order is obtained, he is held to do so at his own risk; and should such a case terminate fatally, down comes the coroner upon the medical officer like a hatchet. The Board follows suit, in a state of virtuous indignation, and the local press takes good care not to lose the chance of airing its rhetoric at the medical officer's expense.

Now let us contemplate the beauty of the plan. The medical officer has to choose between being made a social Aunt Sally or doing the required work for nothing; and, in general, he chooses the least of two evils, and the Board gets the work done and saves the price of it, thanks to the dread of an enlightened public opinion. Surely, it is high time that such a state of matters be done away with. Why the laws regarding medical officers should have been framed as they are puzzles me; why we continue to submit to them puzzles me more. If our places were suddenly filled by artisans, those laws would be swept off the statute-book within six months. Moral suasion has been tried to ameliorate our condition—tried *ad nauseam*—with what result? To attempt to get anything from the corporate Bumble by means of resolutions of societies, timid remonstrances, and milk-and-water proposals, is like taking a lancet to charge a wild pig. There is only one way in which our condition can be remedied; and that is, by firmly uniting, one and all, and as firmly *demanding* that we shall be fairly paid and honourably dealt by. The good sense of the country would back us up, and we should rise immensely in public estimation. As it is, I do not wonder at the contempt lavished upon us, as a body, by the public. "What poor-spirited curs they must be to stand such treatment" say they; and they are right. If we would have independence, we must fight for it, not merely protest.

I am, etc., C. MOSS CAMPBELL, M.D.

Stanton, Gloucester, July 16th, 1873.

THE following handbill is forwarded to us, with a statement that the gentleman is a member of the British Medical Association. *Proh pudor!*

"Concert Hall, Lord Nelson Street, Liverpool.

"Sunday, August 3rd, 1873.

"Dr. Lambart, M.A. Oxon., M.D. Trin. Col. Dub., Member of the Royal College of Surgeons, England, Gold and Silver Medalist and Prizeman in Anatomy, Physiology, Materia Medica, Midwifery, Medicine, and Surgery, will lecture on the Cholera and Diarrhoea, how it becomes infectious, why we need not fear it, how to escape it, how to treat it, etc., things that everyone should know now, as the cholera is at present in Europe and America, and may visit England soon. Lecture to commence at 6.30 punctually.—N. J. Webster, Printer, 20, Gerard Street, Liverpool."

NOTICE TO ADVERTISERS.—Advertisements should be forwarded direct to the Printing-Office, 37, Great Queen Street, W.C., addressed to Mr. FOWKE, not later than *Thursday*, twelve o'clock.

WE are indebted to correspondents for the following periodicals, containing news reports, and other matters of medical interest:—The Liverpool Weekly Albion, July 12th; The Manchester Guardian, July 16th; The Aberdeen Daily Free Press, July 12th; The Bath Express, July 12th; The Birmingham Daily Post, July 16th; The Herts and Essex Observer; The Roscommon Journal; The Hull Packet; The Yorkshire Post and Leeds Intelligencer; The Melbourne Argus; The Sussex Daily News; The City Press; The Birmingham Daily Mail; The Kendal Mercury; The Daily Review; The Western Mail; The Wrexham Guardian; The Lincolnshire Chronicle; The Inquirer; The Lincoln Gazette; The Redruth Times, July 11th; The Liverpool Albion; etc.

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

Mr. Richard Davy, London; Mr. A. Graham, Weybridge; Dr. Tyndale Watson, Tottenham; Dr. W. Dale, Plymouth; Mr. Blanchard, Charing Cross Hospital; Mr. Joseph Brown, Brighouse; Mr. L. Thomas, Dudley; Dr. McVeagh, Coventry; Our Dublin Correspondent; Mr. Wheatley, London; Mr. R. B. Anderson, London; Dr. Protheroe Smith, London; etc.