

of steel. Turning from this subject he observed that the Crimean War had taught lessons of gravest import, to some of which Sir Richard Owen had called attention most impressively in the presidential address delivered when the Association met in Leeds in 1858. "The development of sanitary science, to which he especially referred, and which sprang from the bitter experience of that sad epoch, has had," Sir Frederick Abel said, "its parallel in the development of the science of artillery, but it would indeed be difficult to establish any parallelism between the benefits which even the soldier and the sailor have reaped from the great strides made by both these sciences. The acquisition of knowledge of the causes of the then hopelessness of gallant struggles which medical skill and self-sacrificing devotion made against the sufferings of the victims of battles and of fell diseases, as deadly as the cruellest implements of war; the application of that knowledge to the provision of the blessings of antiseptic treatment of wounds and to the intelligent utilisation of disinfectants and of other valuable preventive measures, to the supply of wholesome water, of wholesome food in campaigning, of sensible clothing, and of wholesome air in hospitals, barracks, and ships—these are some few of the benefits which the soldier and the sailor have derived from the development of sanitary science, which was so powerfully stimulated by the terrible lessons learned during the long-drawn-out siege of Sebastopol; and it is indeed pleasant to reflect that there has been for years past most wholesome competition between nations in the enlargement of those benefits and their dissemination among the men whose vocation it is to slay and be slain. The periodical international congresses on hygiene and demography, of which we shall cordially welcome next year's assemblage in London, and whose members will deplore the absence from among them of the veteran Nestor in the science and practice of hygiene, Sir Edwin Chadwick, have afforded conclusive demonstration of the heartiness with which nations are now co-operating with a view to utilise the invaluable results attained by the successful labourers in sanitary science." Sir Frederick Abel then gave a description of the various forms of smokeless powder and other explosives now employed, and passed on to make some observations on explosions in mines and in flour mills and other factories with dust-laden air. In conclusion he spoke of the danger attending the use of badly-constructed petroleum, and sketched the enormous development of the petroleum trade.

MEDICAL NEWS.

MEDICAL VACANCIES.

The following Vacancies are announced:

- ADMINISTRATIVE COUNTY OF THE PARTS OF HOLLAND, Lincolnshire.**—Public Analyst. Duties to commence on January 1st, 1891. Remuneration, annual fee of £10 10s., together with a fee of 10s. 6d. for each analysis, and an additional fee of £3 3s. for attendance and travelling expenses when required. Applications to H. Chandon Johnson, Deputy Clerk of the Council Sessions House, Boston, by October 1st.
- BRADFORD CHILDREN'S HOSPITAL.**—House Surgeon and Dispenser; doubly qualified; age not to exceed 30. Salary, £80 per annum, with board, residence, and washing. Applications to C. V. Woodcock, Secretary, Albany Buildings, Market Street, Bradford, by September 6th.
- BRIGHTON, HOVE AND PRESTON DISPENSARY.**—Honorary Consulting-Surgeon. A Member or Fellow of one of the Royal Colleges of Surgeons of Great Britain. Applications addressed to the Honorary Secretary, C. Somers Clarke, must be left at the Dispensary, Queen's Road, before September 30th.
- BRIGHTON, HOVE AND PRESTON DISPENSARY.**—Two Honorary General Practitioners. Doubly qualified. Applications addressed to the Honorary Secretary, S. Somers Clarke, must be left at the Dispensary, Queen's Road, before September 30th.
- BRITISH HOSPITAL, Buenos Ayres, South America.**—Resident Medical Officer; British qualifications in medicine and surgery. Appointment for three years. Stipend, £200 for first year, £225 second year, and £250 third year, with an annual allowance of £20 for wine, and board, lodging, and washing. Applications to Messrs. Burgoyne, Burbridge, Cyriax, and Farries, 12 and 16, Coleman Street, London, E.C. (of whom further particulars can be obtained), by September 15th.
- CHELSEA, BROMPTON AND BELGRAVE DISPENSARY, 41, Sloane Square, S.W.**—House-Surgeon and Secretary, doubly qualified. Salary, £95 per annum, with furnished room, and £20 for coals and light. Applications to the Secretary, by September 11th.
- COUNTIES ASYLUM, Carlisle.**—Junior Assistant Medical Officer. Salary, £80 per annum, with board. Applications to Dr. Campbell, the Asylum, Garlands, Carlisle.
- COUNTY OF ARGYLL.**—Medical Officer of Health for the County. Salary, £350 per annum, with £150 a year for all travelling and personal expenses; must reside in the county and not take private practice; may act as medical officer of health or consulting medical officer of health for any of the

burghs of the county. Applications to Mr. Dugald MacLachlan, County Clerk, Lochgilphead, by September 15th.

- COUNTY OF RENFREWSHIRE.**—Medical Officer of Health for the 2 Districts of the County. Salary, £500 per annum, besides actual outlays in the discharge of duties. Must hold no other appointment, nor engage in private practice. Applications to J. Caldwell, County Clerk, by September 8th.
- FLINTSHIRE DISPENSARY.**—House-Surgeon. Salary £100 per annum, with furnished house, and an increase of £20 after twelve months' service; a knowledge of Welsh indispensable. Applications to the Secretary, W. Thomas Cole, Board Room, Bagillt Street, Holywell, by September 24th.
- LLANTARNAM LOCAL BOARD.**—Medical Officer; qualified. Applications by September 6th to W. W. Haden, Clerk, Club Chambers, Pontypool.
- MOUNTMELLICK UNION (Emo Dispensary).**—Medical Officer. Salary, £120 per annum, and fees. Applications to Mr. Andrew Gallagher, Honorary Secretary, Ballybrittas, Portlinton. Election on September 18th.
- NORTH-WEST LONDON HOSPITAL, Kentish Town Road**—Assistant Physician. Applications to the Secretary, Alfred Craske, by September 30th.
- PARISH OF DUNDEE COMBINATION, LOCHKEE DISTRICT.**—Parochial Medical Officer. Salary, £65, additional emoluments, £5. Applications by September 22nd.
- RIPON DISPENSARY AND COTTAGE HOSPITAL.**—Resident House-Surgeon and Dispenser; single. Salary, £60 per annum, with board and lodging. Duties to commence on October 1st. Applications to F. D. Wise, Honorary Secretary.
- ST. PETER'S HOSPITAL FOR STONE, etc., Henrietta Street, Covent Garden.**—House-Surgeon, from October 1st. Honorarium, 25 guineas, board, lodging, and washing. Must be M.R.C.S., and held similar post. Applications to Walter E. Scott, Secretary, by September 20th.
- SALFORD ROYAL HOSPITAL.**—House-Surgeon, doubly qualified. Salary, £100 per annum, with board and residence. If Junior House Surgeon appointed, that office will be vacant. Applications to the Institution by September 17th.
- SUFFOLK GENERAL HOSPITAL, Bury St. Edmunds.**—House-Surgeon. Salary, £80 per annum, with board, lodging, and washing. Applications to H. Bonner, Secretary, by September 8th.
- TAUNTON AND SOMERSET HOSPITAL.**—House-Surgeon. Salary, £100 per annum, with board, lodging, and washing in the hospital. Engagement for three years. Applications to J. H. Biddulph Pinchard, Secretary, Hammet Street, Taunton, by September 13th.
- THORNTON LOCAL BOARD.**—Medical Officer of Health. Salary, £27 per annum. Applications to Raywood M. Stansfeld, Solicitor, 1, Harrison Road, Halifax, by September 8th.
- WEST LONDON HOSPITAL, Hammersmith Road, W.**—House-Physician and House-Surgeon. Board and lodging provided. Appointments for six months. Applications to R. J. Gilbert, Secretary and Superintendent, by September 25th. Election on September 29th.
- WORCESTER COUNTY AND CITY LUNATIC ASYLUM.**—Third Assistant Medical Officer; unmarried. Salary, £100 per annum, with board, lodging, and washing. Applications to Dr. Cooke, the Asylum, Powick, near Worcester, by September 17th.

BIRTHS, MARRIAGES, AND DEATHS.

BIRTHS.

- HALE.**—At Beech Hill, Aberdeen, on Sunday, August 24th, the wife of Surgeon C. H. Hale, Army Medical Staff, of a daughter.
- PUDDICOBE.**—On the 30th August, at St. Albans, the wife of W. N. Puddicombe, M.R.C.S., L.S.A., of a son, who survived his birth a short time.
- RUSSELL.**—On August 27th, the wife of Dr. Russell, The Lawn, Lincoln, of a daughter.

MARRIAGES.

- BELL.**—DOUGLAS.—At the Old Manse, Lockerbie, N.B., on the 2nd instant, by the Rev. George Douglas, Edinburgh, assisted by the Rev. David Thomas, Lockerbie, the Rev. W. Morrison, Edinburgh, and the Rev. George Douglas, Manchester, John Stothart Bell, M.B., C.M., Lockerbie, second son of John Bell, of Minsca, to Janet Turner, daughter of John Primrose Douglas, Lockerbie.
- HOOD.**—CHRISTIE.—At Scotscraig Mains, Tayport, on August 14th, by the Rev. Dr. Baxter, Blairgowrie, assisted by the Rev. Alexander Jack, Tayport, T. A. F. Hood, M.B., C.M., Blairgowrie, to Jessie, daughter of Peter Christie, Scotscraig Mains. (No cards.)
- LAMPART.**—WHINHAM.—On August 27th, at Bishopwearmouth Church, Sunderland, by the Rev. T. J. Secker, Henry Christopher Lampart, M.B., C.M., eldest son of E. Park Lampart, Esq., of Natal, to Kate Florence, youngest daughter of Thomas Whinham, Esq., of Sunderland.
- LEES.**—EHLERS.—August 12th, at St. Mary's, Tyndall's Park, Clifton, Bristol, by the Rev. V. P. Wyatt, M.A., assisted by the Rev. E. Bruce Cornford, B.A., Edwin Leonard Lees, M.D., eldest son of the late Leonard H. Lees, M.D., H.M. Bengal Army, to Alma, youngest daughter of the late Gustav Ehlers, Esq., of St. John's, Newfoundland.
- SIDEBOTTOM.**—PARTINGTON.—On the 3rd instant, at St. James, Whitfield, Glossop, by the Rev. C. B. Ward, M.A., R.D., assisted by the Rev. R. T. Taylor, Ralph Bennett Sidebottom, M.R.C.S., L.R.C.S., L.R.C.P., to Alice, eldest daughter of Edward Partington, Esq., J.P., Glossop.
- WALKER.**—BAKER.—August 28th, by licence, at the Cathedral, Newcastle-upon-Tyne, by the Rev. Canon Lloyd, J. Bagland Walker, M.R.C.S.(Eng.), L.R.C.P.(Lond.), of Bexley, Kent, youngest son of the late Joseph Walker, of Lndey, Yorkshire, to Fannie, youngest daughter of the late W. S. Baker, of Folkestone.

DEATHS.

- CHILD.**—On August 30th, at "Silverhowe," College Park, W., Bessie, wife of Warwick L. Child, M.D.
- PENKIVILL.**—On August 19th, at Saltburn-by-the-Sea, Yorks, John Hugh Tompsett Penkivill, of Williton House, Albert Road, Battersea Park, S.W., aged 44.

LETTERS, NOTES, AND ANSWERS TO CORRESPONDENTS.

QUERIES.

S. B. will be glad to hear of an "inebriate retreat" to which a man of limited income can be sent.

M.B., B.Ch. asks to be recommended a convalescent home where a patient could be received for the winter, who could afford to pay about 10s. a week.

REFERENCE BOOK FOR MEDICAL OFFICERS OF HEALTH.

M.R.C.S. asks to be informed as to the best reference work for medical officers of health.

** *Parkes's Practical Hygiene*, 7th edition, by De Chaumont; Wilson's *Handbook of Hygiene*; Louis Parkes's *Hygiene and Public Health*, Lewis's Practical Series, 2nd edition; Hime's *Sanitary Law*.

ASSESSMENT OF DAMAGES.

LEX writes: I hold a position in which I have constantly to assess the amounts of compensation for injuries received under the Employers' Liability Act. Do you know of any published works or insurance tables which would be of use to me?

** We are not aware of any published tables which would be of practical use for such a purpose. The cases would probably be widely different in their nature, and for this reason almost certainly need to be dealt with by an actuary. When the facts as to probable period of disablement or term for which the survivors have been deprived of a given income are determined, the matter can best be referred to an actuary for the calculation of the present money value of such loss.

DISINFECTION OF CATHETERS.

PREVENTION writes: Can any of your readers inform me where I can procure a shallow earthenware vessel suitable for disinfecting male catheters and bougies after use, so that they can lie covered by a solution of hydr. perchlor.? I have inquired at one or two instrument makers without success. I should have thought that such an obvious want would have been long since supplied.

** We do not know of anything made specially for this purpose. A photographer's dish would probably serve.

ANSWERS.

E. STANLEY WOOD.—For lists of Local Boards who have adopted the Infectious Disease (Notification) Act see *BRITISH MEDICAL JOURNAL*, December 14th, 1889, p. 1375; January 25th, 1890, p. 212; and April 19th, 1890, p. 919.

TRICYCLES FOR PRACTITIONERS.

A "G. P." AND EX-CH. CONS. C.T.C. advises "Economy" to get Hillman, Herbert, and Co's "Premier," stating weight and nature of roads. This opinion is given as the result of trial of machines by many makers. The Premier is cheapest all round from perfection of workmanship. The writer can testify to absence of vibration so essential to immediate professional work, having done much long distance obstetrical practice per Premier.

NOTES, LETTERS, ETC.

AN OMISSION.

In the list of members who attended the annual meeting at Birmingham, which was published in the *BRITISH MEDICAL JOURNAL* on August 30th, Deputy Surgeon-General J. G. Faught's name was omitted as representing the Cape of Good Hope Branch.

THE R. H. S. CARPENTER MEMORIAL FUND.

MR. JOHN PAGE HENTSCHE, M.R.C.S., Honorary Secretary to the Committee (201, Southampton Street, Camberwell, S.E.), writes: I shall be obliged if you will allow me to acknowledge the receipt of the following subscriptions to the fund. £45 17s. 6d. has been already acknowledged.

				£	s.	d.					£	s.	d.	
Dr. O'Flanagan	0	10	6	Dr. Thos. Jones...	...	...	0	10	6			
Dr. Power	0	5	0	Dr. G. H. Wilkins	...	...	1	1	0			
Dr. Hopkins	0	10	6	Dr. Braithwaite...	...	...	1	0	0			
Dr. L. C. A. Carré	0	10	6	D. T.	...	...	2	2	0			

I still hope to receive further subscriptions from those who knew Dr. Carpenter and appreciated the work done by him on behalf of the struggling general medical practitioner. I would ask all who have not already done so to read the obituary notice referring to the deceased published in your issue of June 7th last.

CYCLING AND HERNIA.

MR. ARTHUR W. C. BARFORD (Bracknell) writes: The paragraph in the *BRITISH MEDICAL JOURNAL* of August 16th upon this subject might or might not create an unnecessary amount of alarm; but there is little or no doubt in the minds of a good number of medical men, including myself, that cycling does predispose to hernia, and, as one who has cycled from boyhood, can have little or no doubt that the statement is correct. There is no doubt at all that horse riding very strongly predisposes to hernia. Why, then, should not cycling? and more so, because of the greater self-exertion in cycling. The relative position of the handles to the seat can have little to do with it; but the relative position of the saddle and pedals have all to do with it. This being correct, the bent position of the body depends entirely upon whether the arms are kept fairly extended or flexed. These statements may appear to some readers somewhat rash, but I cannot do otherwise than mention them, as within the last month I have had a case of incomplete indirect inguinal hernia in a young man, who before cycling had no tendency to hernia, and who has cycled, on an average, 150 miles a week for several months past;

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

Deputy Surgeon-General Faught, Devonport; Lex; Dr. Hills, Norwich; Dr. G. A. Humble, Patagones, Argentine Republic; Dr. W. N. Thursfield, Shrewsbury; Germ; Dr. W. J. Meharry, Belfast; Mr. H. H. Taylor, London; Dr. S. Barwise, Blackburn; Mr. J. A. Hicks, jun., Preston; Mr. T. P. Lowe, Bath; Dr. R. Jones, Liverpool; Dr. G. C. Kingsbury, Blackpool; Dr. W. White, Manchester; Mr. D'Arcy Power, London; Mr. G. A. Towns- end, Exeter; Mr. A. J. Barnard, Cheadle; M.R.C.S. and L.R.C.P. Edin.; Mr. J. Bland Sutton, London; Mr. J. Hugo, Reading; Dubitans; Messrs. Oppenheimer Brothers and Co., London; Messrs. Burroughs, Wellcome and Co., London; Surgeon G. K. S. Biggs, London; Dr. H. Bramwell, Newcastle-on-Tyne; The Secretary of the Local Government Board, London; Dr. W. Ewart, London; Dr. Danford Thomas, London; Mr. J. Calderwood, London; F. R. Nowlan, M.B., Balbriggan; Messrs. W. B. Hilliard and Sons, Glasgow; Mr. W. A. M. Garry, Macclesfield; Dr. H. Rainsford, London; Mr. G. Green, London; Mr. F. Kneebones, Bedford; Mr. E. H. Forjett, Downham; Z.; Mr. H. Bigg, London; F.R.C.P.; Lux; The Medawar Ticket Advertising and Insurance Company, London; M.D. Edin., M.R.C.P. Lond.; Dr. G. E. S. Taylor, Liverpool; Mona; Dr. F. Heard, Selkirk; General Practitioner; Mr. R. Baker, London; Fides; Mr. F. C. Coley, Newcastle-on-Tyne; Dr. Posner, Berlin; Miss G. Williamson, Esher; The Director-General of the Medical Department of the Navy, London; Mr. W. Topley, London; Mr. H. H. Ryan-Tenison, Bexhill-on-Sea; Dr. Winslow Anderson, London; Mrs. Isabel Thorne, London; Mr. H. S. Nelson, London; Mr. Lawson Tait, Birmingham; Mr. J. Lowney, Portsmouth; Mr. R. J. Roberts, Lowestoft; Dr. W. Newman, Stamford; C. F. Castor, M.B., British Guiana; Mr. A. Cooper, London; Mr. A. Price, Birmingham; Mr. W. J. Bush, London; Mr. Radley, London; Dr. Louis Parkes, London; Dr. J. Mason, Windermere; Absinthe; Messrs. Arnold and Son, London; Dr. C. T. Williams, London; Mr. W. A. Prince, Dorking; Mr. H. Marshall Ward, Staines; Professor E. W. Reid, Dundee; Mr. O. T. Stephenson, Woolston; Mr. R. W. Sisson, Newcastle-on-Tyne; Mr. H. G. Hills, Wandsworth; Mrs. Penkivel, Saltburn-by-Sea; Rus; Dr. Clement Dukes, Rugby; Mr. R. H. Ritchie, Milford Haven; Mr. W. R. Burgess, Manchester; W. Wallace, M.B., Glasgow; Mr. A. H. Benson, Dublin; Mr. A. E. Lyster, Loughborough; Senex; Messrs. W. J. Bush and Co., London; J. D. Mackay, M.B., Lancaster; Mrs. M. Thompson, Belfast; Dr. C. Fahie, Rush; Mr. H. E. Trestrail, Glasgow; Mr. A. N. G. Gibbs, Bristol; Dr. J. W. J. Oswald, London; Dr. E. Seaton, London; Dr. Willoughby, London; The Secretary of the Apothecaries Society, London; Mr. J. Lawrence-Hamilton, Brighton; Our Egyptian Correspondent, Cairo; Mr. J. McNaught, Waterford; Mr. H. Pascoe, Pilton; Dr. A. D. MacDonald, Liverpool; Mr. T. Benthall, London; Sir E. H. Sieveking, Falmouth; Mr. W. T. Cole, Holywell; E. J. McWeeney, M.B., Dublin; Dr. E. Cresswell Baber, Brighton; Army Surgeon; Dr. R. Stockman, Edinburgh; Mrs. Turner, London; Surgeon P. Mulvany, South Norwood; A.M.D.; Mr. H. W. M. Hayes, Swindon; Mr. E. G. Dutton, Plymouth; E. F.; Mr. G. S. Bigg, London; Mr. W. B. Danby, Lincoln; Surgeon to a Provincial Hospital; Dr. Fletcher Beach, Dartford; Mr. F. H. M. Burton, Preston; Mr. C. B. Lockwood, London; Professor J. Struthers, Aberdeen; Dr. Hacon, Christchurch, N.Z.; Messrs. F. James and Co., London; Professor Victor Horsley, London; T. M.; Dr. Norman Moore, London; Mr. F. P. R. James, Leeds; M.R.C.S., 1863; Dr. Norman Kerr, London; Dr. H. McClure, Cromer; Surgeon C. H. Hale, Aberdeen; Mr. J. B. Hargreaves, Armley; Dr. W. Stephenson, Aberdeen; Medicus; J. J.; E. H. Edwards, M.B., London; Mr. J. Gibson, Greetlands, Dr. M. G. Evans, Cardiff; Mr. S. Haynes, Stansted; Mr. J. P. Hentsch, London; Mr. A. Forrest, Birmingham; Mr. E. S. Wood, Pontypool; Dr. G. Robertson, London; Mr. W. Maycock, Leamington; Dr. J. B. Brierley, Old Trafford; Mr. S. E. Serres, Osgathorpe; G. Herklots Vos, M.B., Tottenham; Dr. Bagot, Kells; Dr. Frank Payne, London; Dr. J. Lindsay Steven, Glasgow; Mr. J. F. Taylor, Birmingham; Mr. Lennox Browne, London; Our Paris Correspondent; B.A., M.B.; Dr. G. Thin, Faido; Mr. J. Marsh, Belfast; M.D.; Dr. Dudley Buxton, London; W. K. Sibley, M.B., London; Mr. A. H. W. Hunt, Wolverhampton; Mr. J. W. MacViney, Sheffield; Dr. G. Sims Woodhead, Balham; Mr. W. J. Haslett, Poplar; Mr. E. G. Annis, Helmsley; Dr. Scanes Spicer, London; A Lancashire M.O.H.; Mr. A. H. Hoffman, Humshaugh-on-Tyne; T. L. K. Davies, M.B., Llandudno; Mr. W. W. Pascoe, Edinburgh; Mr. J. D. Campbell, London; Dr. Rentoul, Liverpool; Dr. R. H. Fox, London; The Iodate Compounds Company, London; etc.

BOOKS, etc., RECEIVED.

Diagnostik der Krankheiten der Verdauungsorgane. Von Dr. Hans Leo. Berlin: August Hirschwald. 1890.
Ophthalmic Hints. By A. St. Clair Buxton. London: Whiting and Co. 1890.
The Nurse's Guide to Massage. By Samuel Hyde, L.R.C.P., M.R.C.S. London and Manchester: John Heywood. 1890.
Premières Recherches sur la Nature et l'Étiologie du Tétanos. Par René Verhoogen et Charles Baert. Bruxelles: Henri Lamertin. 1890.
A Household Dictionary of Medicine, Preventive and Curative. By Frederick Rufenacht Walters, M.D. London: Swan Sonnenschein and Co. 1890.