

the Institute of Medical Laboratory Technology. Approximately two-thirds is devoted to the laboratory techniques of general haematology, including the use of radioisotopes, and the remainder describes the practical aspects of blood grouping and blood banking. The major portion of each chapter covers the medical aspects of the tests employed, and is followed by a detailed description of recommended techniques. Laboratory technicians will be grateful to Mr. Delaney for this method of presentation, since a technique is generally more easily mastered when there is an appreciation of the end to which its results will be employed. Junior pathologists also should find this handbook a useful introduction to the laboratory aspects of haematology and blood transfusion.

In his preface the author remarks that no book is a substitute for practical experience at the bench under the guidance of a qualified instructor. With this all will agree, but at the same time a standard textbook must give accurate instruction in basic matters of routine. Unfortunately, this is not always the case in this book, particularly in regard to the laboratory techniques of blood transfusion. In the description of ABO grouping, for example, no mention is made of the need to check the specificity of the anti-A and anti-B sera against group O control cells, nor is it stressed that, when selecting an anti-A serum, tests must be included to determine that it reacts adequately with group A<sub>2</sub> and A<sub>2</sub>B cells. Prominence is given to a technique for ABO sub-grouping using anti-A, group O serum, anti-H and immune anti-A, but the simpler and orthodox technique using a specific anti-A<sub>1</sub> serum is masked by including it under the heading "ABO Grouping—Tube Technique" on a preceding page. Should the student employ literally the technique recommended for cross-matching and include as the final stage of the indirect Coombs test the procedure recommended on p. 122, each donor blood will be tested against fourteen dilutions of anti-human-globulin serum ranging from 1:2 to 1:500. There are some errors of fact also. The transmission of syphilis, for instance, is not avoided by "storage of the donated blood at 4° C. for a period of six hours." Such errors of detail will no doubt be corrected by an experienced instructor at the bench, but could be serious stumbling-blocks for the technician relying upon this book as his sole guide to an examination syllabus.

GEOFFREY H. TOVEY.

### RECOGNIZING WHAT IS SEEN

*Space and Site. The Perception of Space and Shape in the Congenitally Blind Before and After Operation.* By M. von Senden. Translated by Peter Heath. With Appendixes by A. H. Riesen, G. J. Warnock, and J. Z. Young. (Pp. 348. 42s.) London: Methuen and Co., Ltd. 1960.

This is a translation from the German of a book published in 1932. The original work is well known to students of brain function. Thus Hebb referred to it extensively in *The Organization of Behaviour*, and it has led to much experimental work on animals. The book consists of a detailed record and analysis of the reactions of the congenitally blind to an operation on the eye which removes the opaque obstruction responsible for the blindness. The sudden flow of afferents from the retina are at first upsetting, for nothing can be recognized, and—of special interest—there is no appreciation of the position of objects. Attempts, therefore, to turn the eyes in a desired direction or to touch objects seen are futile, while shapes, relative sizes,

and the difference between a picture and the real objects are at first impossible to distinguish. It seems clear that vision is useless without the laborious training and learning processes which normally occur in infancy. From the practical point of view, the re-training of these patients requires skilled understanding and great patience, and for this purpose the experience of other patients described in this book will be useful. There have been more recent studies of this subject, such as that by London (*Amer. J. Psychol.*, 1960, 73, 478).

W. RITCHIE RUSSELL.

### BOOKS RECEIVED

*Review is not precluded by notice here of books recently received.*

*Recent Advances in Renal Disease. The Proceedings of a Conference held in London at the Royal College of Physicians of London, July 22-23, 1960.* Edited by M. D. Milne. (Pp. 254 +ix; illustrated. 25s.) London: Pitman Medical Publishing Co. Ltd. 1960.

*The Nucleic Acids.* Edited by Erwin Chargaff and J. N. Davidson. Volume III. (Pp. 588 + xvi; illustrated. \$18.) New York and London: Academic Press Inc. 1960.

*The Central Nervous System and Behavior. Transactions of the Third Conference, February 21, 22, 23, and 24, 1960, Princeton, N.J.* Edited by Mary A. B. Brazier, D.Sc. (Pp. 475; illustrated. \$7.50.) New York: Josiah Macy, Jr., Foundation Publications. 1960.

*Non-infective Disease in Africa. The Peculiarities of Medical non-infective Diseases in the Indigenous Inhabitants of Africa South of the Sahara.* By H. C. Trowell, O.B.E., M.D.(London), F.R.C.P. (Pp. 481 + vii; illustrated. 70s.) London: Edward Arnold (Publishers) Ltd. 1960.

*Bedside Medicine.* By I. Snapper, M.D. (Pp. 592 + xi. \$14.50.) New York and London: Grune and Stratton. 1960.

*Die Physik und ihre Anwendung in Medizin und Biologie. Volume I: Mechanik, Akustik und Wärme.* By Professor Dr. Walter Beier and Dr. med. Erich Dörner. (Pp. 475 + xiii; illustrated. DM. 35.) Leipzig: Georg Thieme. 1960.

*Anaesthetic Accidents. The Complications of General and Regional Anaesthesia.* By V. Keating, M.B., B.Ch., D.A., F.F.A.R.C.S. Second edition. (Pp. 288 + vii. 28s.) London: Lloyd-Luke (Medical Books) Ltd. 1961.

*L'Electro-oculographie ou l'Enregistrement des Mouvements Oculaires. Son Application à l'Étude de la Lecture Normale et des Anomalies Pathologiques de la Lecture.* By Viktor Kabersek. (Pp. 210; illustrated. No price.) Paris: R. Foulon. 1960.

*Il Problema del Risanamento dei Vecchi Centri Storici Urbani Considerato dal Punto di Vista Igienico e Sociale.* By Professor Giuseppe Agnese. (Pp. 102; illustrated. Lire 1,000.) Rome: Istituto di Medicina Sociale. 1960.

*Clinical Vectorcardiography and Electrocardiography.* By Edward Massie, A.B., M.D., F.A.C.P., F.A.C.C., and Thomas J. Walsh, B.S., M.D., F.A.C.S. (Pp. 592 + xiii; illustrated. £10 7s.) Chicago: Year Book Publishers, Inc. London: Interscience Publishers Ltd. 1960.

*The Nervous System. An Outline of the Structure and Function of the Human Nervous System and Sense Organs.* By G. M. Wyburn. (Pp. 184 + vii; illustrated. 35s.) London, New York: Academic Press Inc. 1961.

*Rypins' Medical Licensure Examinations. Topical Summaries and Questions.* By Walter L. Bierring, M.D., M.A.C.P., F.R.C.P.(Edin.(Hon.)). (Pp. 803 + xvi. 90s.) Philadelphia, Montreal: J. B. Lippincott Company. London: Pitman Medical Publishing Co. Ltd. 1961.

*Lipids and the Steroid Hormones in Clinical Medicine. Proceedings of an Applied Seminar of the Association of Clinical Scientists.* Edited by F. William Sunderman, M.D., Ph.D., Sc.D., and F. William Sunderman, jun., M.D. (Pp. 207 + ix; illustrated. 85s.) Philadelphia, Montreal: J. B. Lippincott Company. London: Pitman Medical Publishing Co. Ltd. 1961.

*Textbook of Clinical Medicine.* Edited by John W. Todd. (Pp. 564 + xii; illustrated. £5 5s.) London: Pitman Medical Publishing Company Limited. 1961.

highly coloured. If a doctor is going to tender a report for the benefit of the Court, it seems to me that it is only elementary that he should make some endeavour to satisfy himself that the facts on which it is based are well founded."

The report in this case merely adopted the accused's statement that the youths were already corrupted: the Crown denied this statement. Lord Wheatley hoped that a more responsible attitude would be adopted by doctors in future.

### Facts and Opinions

Doctors' reports should be confined to facts observed by the writer, and the writer's opinion as to the interpretation of those facts. What the accused says is a fact, which may indicate his state of mind, and the doctor may express an opinion as to the state of mind indicated by those words. He should not, however, express an opinion, or make any statement implying an opinion, as to the truth of those words without at least making some investigations as to their truth, and indicating in the report the facts found by those investigations. Where an accused has a line of defence or mitigation which is not medical he should be left to make it in court by himself or by his counsel. When a doctor strays outside the medical sphere in his report, his reliability on medical matters may be called in question.

## Universities and Colleges

### UNIVERSITY OF OXFORD

Dr. E. S. Snell has been appointed to the May Readership in Medicine for seven years from October 1, 1961.

### UNIVERSITY OF CAMBRIDGE

In Congregation on January 28 the following degrees were conferred:

M.B., B.CHIR.—\*P. F. Bates.  
M.B.—\*Hung Cheng, D. R. Bainbridge, F. W. Webb, E. D. G. Williams, \*K. Lumsden, \*Chin Cheung Chan, \*J. H. Thornley, \*Marjorie C. Doddridge, Mrs. Jane M. Robson.

\*By proxy.

### UNIVERSITY OF GLASGOW

Professor L. J. Davis, Muirhead Professor of Medicine since 1945, has intimated his intention to retire on September 30, 1961.

Professor C. M. Fleming has been appointed representative of the University on the General Medical Council for five years from February 1, 1961.

The following appointments are announced: Dr. David Charles, Lecturer in Gynaecological Pathology; Dr. David H. A. Boyd, Lecturer in Materia Medica; Mr. Robert Shields, Lecturer in Surgery, and Dr. S. Bhandarkar, Research Assistant in Medicine, both at the Western Infirmary.

The following resignations have been accepted: Dr. A. J. Watson, Lecturer in Pathology at the Western Infirmary, on his appointment to a teaching post in King's College, Durham; Dr. J. A. Garrett, Assistant in Anatomy, on his appointment as Registrar in Surgery at Glasgow Royal Infirmary; Dr. W. D. Smith, Assistant in Materia Medica, on his appointment as Senior Medical Registrar under the Liverpool Regional Hospital Board.

### UNIVERSITY OF ABERDEEN

Mr. James Kyle is to resign from the post of Senior Lecturer in Surgery on March 28, and Dr. David Bulmer from the post of Lecturer in Anatomy on March 31. Mr. Kyle has been appointed consultant general surgeon under the North-eastern Regional Hospital Board, Aberdeen, and Dr. Bulmer to a lectureship in Manchester University.

### UNIVERSITY OF EDINBURGH

The status of honorary Lecturers in the Department of Orthopaedic Surgery has been conferred on Mr. R. S. M. Ling and Mr. R. N. Tinning, and, in the Department of Psychological Medicine, on Dr. C. B. Kidd.

The following appointments are announced: Dr. Peter Edmond, Assistant in the Department of Clinical Surgery; Dr. S. K. Niyogi,

Assistant in the Department of Forensic Medicine; Dr. A. G. Donald, part-time Lecturer in the General Practice Teaching Unit; Dr. P. A. Yates, Dr. H. Montgomery (temporary), and Dr. J. N. Harcourt-Webster, Lecturers in the Department of Pathology.

The appointment of Dr. W. S. A. Allan as Lecturer in the Department of Pathology is to terminate on March 31, 1961.

### UNIVERSITY OF LONDON

The following degrees were awarded by the Senate on December 14, 1960:

M.D.—J. G. Lewis, D. B. Moffat, L. Roodyn.  
M.S.—N. G. Rothnie

The following degrees were awarded in December, 1960:

Ph.D.—*In the Faculty of Medicine*: N. Joels, M.B., B.S., R. P. Michael, M.B., B.S., D.P.M., C. M. H. Pedler, M.B., B.S., S. Hanna Sadek, G. Nicolis, Fay R. Stranack.

The title of Sir William Collins Professor of Pathology in the University has been conferred on Dr. G. J. Cunningham in respect of his post at the Institute of Basic Medical Sciences.

The title of Professor of Diagnostic Radiology in the University has been conferred on Dr. R. E. Steiner in respect of his post at the Postgraduate Medical School of London.

The title of Sir William Collins Professor of Anatomy in the University has been conferred on Mr. G. W. Causey in respect of his post at the Institute of Basic Medical Sciences.

The title of Reader in Anatomy in the University has been conferred on Dr. A. S. Breathnach in respect of his post at St. Mary's Hospital Medical School.

The title of Reader in Clinical Rheology in the University has been conferred on Dr. D. G. Melrose in respect of his post at the Postgraduate Medical School of London.

### UNIVERSITY OF MANCHESTER

The following appointments, all from October 1, 1961, are announced: Mr. A. G. Riddell, to be Reader in Surgery; Dr. Albert Kushlick, to be part-time Lecturer in Social and Preventive Medicine; and Dr. T. A. Cook and Dr. P. H. Fentem, to be Assistant Lecturers in Pathology.

Dr. H. R. Havenga, at present temporary Tutor in Clinical Surgery, has been appointed Research Assistant in Surgery from November 24, 1961.

### UNIVERSITY OF BRISTOL

M. S. Dunnill was approved at the examination for the degree of M.D. in January.

### ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH

At a quarterly meeting of the College held on February 7, with the President, Dr. J. D. S. Cameron, in the chair, the following were elected Members of the College:

C. D. Kennedy, R. O. Murray, T. A. Lambo, J. Vahrman, I. D. Aggarwal, C. S. Rajagopal, S. K. Sen, H. Patel, C. B. Macdonald, W. K. Cowan, H. C. White, A. Armstrong, S. H. Davies, D. Kelleher, Tin U. G. L. Chakrabarti, N. D. W. Lionel, H. Jacobs, M. A. A. Khan, C. M. Chatterjee, Susan Kuruvilla, J. D. Fitzgerald, W. N. Morley, S. D. Bhandarkar, K. Dharmadasa, P. G. Livingstone, S. S. Ghatak, S. K. Datta, D. K. Datta, K. M. Mody, N. A. Chaudhary, Ma Khin Thuang Nyunt, V. C. Ratnesar, Shirley G. Ratcliffe, J. P. A. McManus, F. R. Orr, B. Simpson, G. W. Friedland, T. A. D. Michael, A. S. Abbasi, I. M. Breckenridge, O. P. Bahl, C. H. Bastomsky, L. Berman, R. Levy, P. R. Wikramanayake, K. K. Mallik.

### ROYAL FACULTY OF PHYSICIANS AND SURGEONS OF GLASGOW

The following candidates have been admitted Diplomates in Child Health of the Faculty:

P. M. Barnes, D. G. Benakappa, H. Braude, Helen M. Dean, R. M. A. Fernando, Myrtle M. Flynn, Elinor J. Guthrie, S. A. H. Hosseini, Helen R. McKilligin, Jean R. Nairn, Margaret B. Ross, M. Y. Siddiqui, J. R. Srivastava, N. R. Surti, Lily Thomas, S. Ujji, Khin Maung Win.

### ROYAL COLLEGE OF PHYSICIANS OF IRELAND

At a meeting of the College, held on February 3, with the President, Dr. R. E. Steen, in the chair, the following were admitted to the Licence and Membership of the College: P. A. Bröwne, E. Murphy, W. A. G. MacCallum, and J. W. Nixon.

### ROYAL COLLEGE OF OBSTETRICIANS AND GYNAECOLOGISTS

At a meeting of the Council of the College held on January 28, with the President, Mr. A. C. H. Bell, in the chair, Dr. Philip R.

Norris was appointed to give a William Blair-Bell Memorial Lecture in 1961.

The following were elected to the Membership:

K. R. Alimchandani, A. G. Amias, D. C. Beckingham, F. R. Betharas, P. C. Bhattacharyya, Eunice R. Burton, R. Chandravada, Sin Giap Chua, Evelyn Coates, Aileen F. Connon, K. Dar, D. A. Davey, C. S. Dawn, K. J. Dennis, P. L. C. Digory, R. B. Dorofachi, A. D. El-Tannir, J. A. L. F. Espitalier Noel, C. W. Gale, A. Gangooly, A. Gillespie, H. Glietenberg, J. B. Gnanaprasam, Sek-Mun Goon, J. G. Griffiths, G. H. B. Hart, G. M. Johnstone, H. F. Jolly, K. S. Karai, M. J. A. Kelly, H. W. Kirkpatrick, W. A. Kirkpatrick, H. J. Kosasky, S. Kunstler, Wai-Chee Li, David Youn-Sen Liang, W. A. McIndoe, Ma Yin May, M. Mehra, Ma Khin Nu, U. N. Pathak, A. Penn, C. R. Porteous, Thelma Rasalam, Fay M. Rennie, W. J. St. E.-G. Rhys, A. Roy, M. Said, Irene M. Salmon, Yvonne M. Salmon, J. I. Sanghvi, P. R. Sathyanadhan, E. Sayes, R. J. Seddon, N. K. Sen, S. P. Sen, P. C. Sen Gupta, A. A.-el-F. Shandall, A. V. Shenoy, R. V. Stephenson, S. K. Suppal, Muriel M. H. Sutcliffe, T. C. Svensen, Kyu Kyu Swe, I. P. Thew, G. R. Thoms, V. R. Tindall.

## Vital Statistics

### Influenza

During the week ended February 4 influenza deaths in England and Wales rose to 1,219 from the previous week's total of 699. In the corresponding week last year deaths from influenza amounted only to 36. Deaths from pneumonia (2,060) and bronchitis (1,889) were also higher than those of the previous week. Influenza remained prevalent in the North Midland and North-western Regions, but there were indications of a diminished incidence in the Midland Region. Up to February 4 the southern parts of England had not been so widely affected as the Midlands and North. New claims to sickness benefit showed substantial rises in most regions, though there was a slight decline in the Midlands. Influenza virus A2 has been isolated in many parts of the country.

### Diphtheria in London and Birmingham

An outbreak of diphtheria has occurred among children attending a junior occupation centre for mentally retarded children in Kensington. Three children have died, three have the disease, and swabs from seven contacts have been found to be positive for *C. diphtheriae* (*mitis*). The children attending the occupation centre come from many parts of London, but all the above-mentioned cases are from the boroughs of Hammersmith, Paddington, St. Pancras, Kensington, and Islington. Dr. J. A. Scott, M.O.H. of London, has warned all general practitioners to be on the alert against diphtheria.

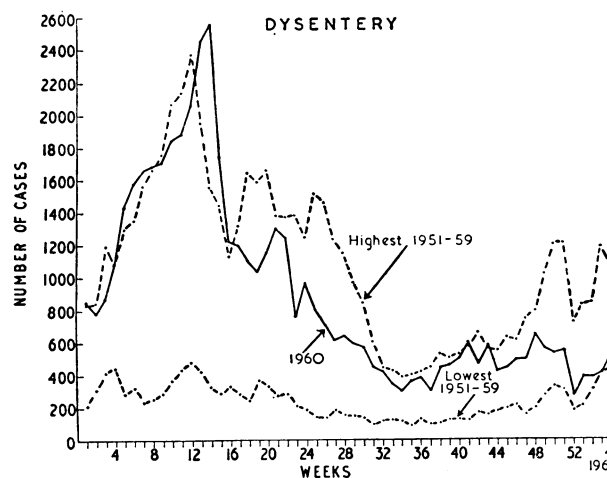
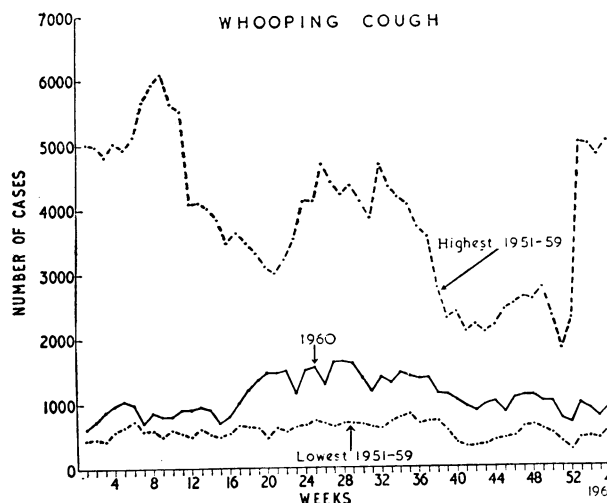
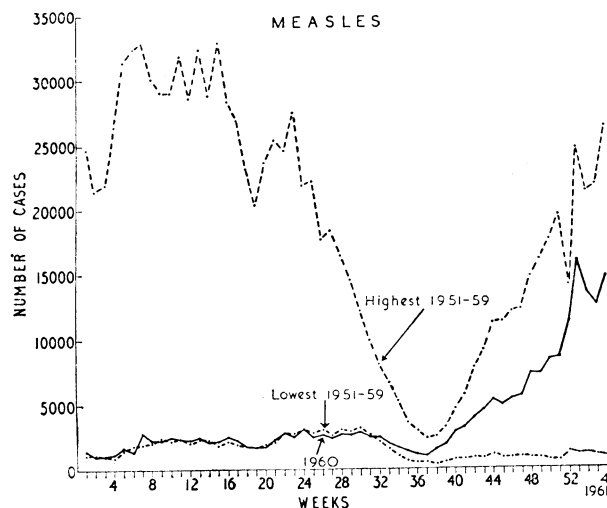
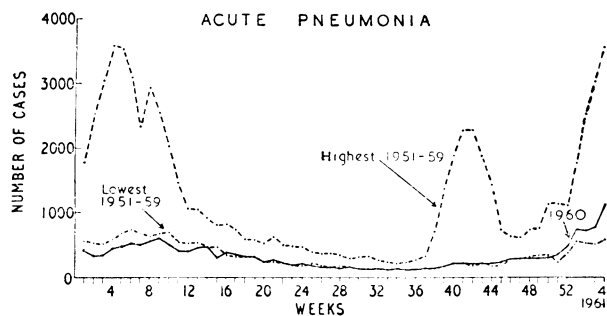
In Birmingham there have recently been two cases of diphtheria in the Hockley area. One boy, aged 6, died on February 11 (the first death attributed to diphtheria in Birmingham since 1955), and a girl of the same age is ill with the infection. Nine potential carriers are also under investigation in hospital.

### Road Deaths in November

In November, 1960, 695 people died as a result of road accidents, 70 more than in November, 1959. The numbers of children killed (61) and of drivers and passengers of cars and other four-wheeled vehicles (165) were both high compared with the same month in the previous year. The total number of killed and injured in November, 1960, was 30,666, an increase of just over 9% compared with the corresponding month the year before: the volume of motor traffic had increased by about 6%.

### Graphs of Infectious Diseases

The graphs below show the uncorrected numbers of cases of certain diseases notified weekly in England and Wales. Highest and lowest figures reported in each week during the years 1951-9 are shown thus -----, the figures for 1960-1 thus ———. Except for the curves showing notifications in 1960-1, the graphs were prepared at the Department of Medical Statistics and Epidemiology, London School of Hygiene and Tropical Medicine.



## SOCIETIES AND LECTURES

A fee is charged or a ticket is required for attending lectures marked ●. Application should be made first to the institution concerned.

## Monday, February 20

HUNTERIAN SOCIETY.—At Livery Hall, Guildhall, London E.C., 8.30 p.m.  
Hunterian Oration by Sir Cecil Wakeley: New Light on Hunter's Life and Achievements.

LIVERPOOL UNIVERSITY: FACULTY OF MEDICINE.—At Large Lecture Theatre, New Medical School, 5.15 p.m., Professor H. W. Mossman (Wisconsin, U.S.A.): Glandular Tissues of the Mammalian Ovary.

LONDON UNIVERSITY.—At London School of Hygiene and Tropical Medicine, 5.30 p.m., special university lecture by Dr. H. B. G. Robinson (Kansas City): Some Effects of Ageing on the Oral Structures.

POSTGRADUATE MEDICAL SCHOOL OF LONDON.—4 p.m., Dr. Brian Ackner: Psychiatric Aspects of Epilepsy.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—5 p.m., Ophthalmology Lecture by Professor A. Sorsby: Experimental Degeneration of the Retina and its Clinical Implications.

## Tuesday, February 21

BRITISH POSTGRADUATE MEDICAL FEDERATION.—At London School of Hygiene and Tropical Medicine, 5.30 p.m., Dr. R. W. Riddell: Fungi Causing and Complicating Human Disease.

ILFORD MEDICAL SOCIETY.—At King George Hospital, Ilford, 8.45 p.m., Dr. Francis Camps: Case of Emmett Dunn.

INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. Brian Russell: Cutaneous Tuberculosis.

INSTITUTE OF LARYNGOLOGY AND OTOLGY.—5.30 p.m., Mr. Kenneth McLay: Tests of Acoustic Function (I). Open lecture and demonstration for trainees in the specialty.

OSLER CLUB.—At 26 Portland Place, London W., 8.15 p.m., Sir Philip Manson-Bahr: Osler's Intervention in the Malaria Story.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—5 p.m., Ophthalmology Lecture by Professor A. Sorsby: Nature of Refractive Errors—Present Position.

ST. MARY'S HOSPITAL MEDICAL SCHOOL.—At Lecture Theatre, Wright-Fleming Institute, 5 p.m., Professor Ian MacGillivray: Blood Pressure in Pregnancy.

WEST END HOSPITAL FOR NEUROLOGY AND NEUROSURGERY.—5.30 p.m., Mr. J. Minton: Ocular Manifestations in Clinical Neurology (Part II).

## Wednesday, February 22

DURHAM UNIVERSITY.—At Royal Victoria Infirmary, Newcastle upon Tyne, 5.30 p.m., Grey-Turner Lecture by Sir Geoffrey Keynes: History of Myasthenia Gravis.

INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. R. W. Riddell: Laboratory Diagnosis of Fungous Infection of the Skin.

INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Dr. F. H. Scadding: Delayed Resolution in Pneumonia.

INSTITUTE OF LARYNGOLOGY AND OTOLGY.—5.30 p.m., Mr. Kenneth McLay: Tests of Acoustic Function (II). Open lecture and demonstration for trainees in the specialty.

INSTITUTE OF UROLOGY.—4.30 for 5 p.m., Mr. H. G. Hanley: Male Infertility.

MANCHESTER MEDICAL SOCIETY.—At Manchester Medical School (Large Anatomy Theatre), 4.30 p.m., meeting of Fellows. Professor N. M. Dott: Surgical Neurology.

POSTGRADUATE MEDICAL SCHOOL OF LONDON.—2 p.m., Dr. J. F. Loutit: Radiation and Leukaemia.

ROYAL FREE HOSPITAL, Gray's Inn Road, London W.C.—5.15 p.m., Dr. Morton Grossman (Los Angeles): Gastro-oesophageal Reflux.

ROYAL SOCIETY OF HEALTH.—At Wicksteed Park Pavilion, Kettering, 10 a.m., Dr. W. E. Scott: Group Industrial Health Services; Dr. C. Milliken Smith: Footwear and Feet Defects.

## Thursday, February 23

BRITISH POSTGRADUATE MEDICAL FEDERATION.—At London School of Hygiene and Tropical Medicine, 5.30 p.m., Dr. A. G. Everson Pearce: Enzyme Histochemistry and its Biochemical Alignments.

INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. F. R. Bettley: Parasitic Infestations.

INSTITUTE OF LARYNGOLOGY AND OTOLGY.—5.30 p.m., Mr. Kenneth McLay: Tests of Vestibular Function (I). Open lecture and demonstration for trainees in the specialty.

LIVERPOOL MEDICAL INSTITUTION.—Joint meeting with Liverpool Paediatric Club. Incidence of Congenital Deformities.

LONDON JEWISH HOSPITAL MEDICAL SOCIETY.—At Medical Society of London, 8.15 p.m., Mr. Leslie Oliver and Mr. Hastin Bennett: Surgical Treatment of Parkinson's Disease.

LONDON UNIVERSITY.—(1) At King's College, Strand, W.C., 5.30 p.m., special university lecture in pharmacology by Professor G. B. Koelle (Pennsylvania): Acetylcholinesterase in Synaptic and Neuroeffector Transmission. (2) At Guy's Hospital Medical School, St. Thomas's Street, S.E., 5.30 p.m., special university lecture in physiology by Dr. M. I. Grossman (Los Angeles): Regulation of Pancreatic Secretion.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—5 p.m., Hunterian Lecture by Professor C. E. Drew: Profound Hypothermia in Cardiac Surgery.

ROYAL SOCIETY.—4.30 p.m., Sir Gordon Sutherland, F.R.S.: Some Recent Developments at the National Physical Laboratory.

ST. ANDREWS UNIVERSITY.—At Physiology Department Lecture Theatre, 5 p.m., Professor R. Milnes Walker: Portal Circulation.

ST. GEORGE'S HOSPITAL MEDICAL SCHOOL.—5 p.m., Dr. Hamilton Paterson: postgraduate demonstration in neurology.

SOCIETY OF MEDICAL OFFICERS OF HEALTH: HOME COUNTIES BRANCH.—At London School of Hygiene and Tropical Medicine (Room 310), 2.45 p.m., Mr. J. V. Binkay: Dental Auxiliaries—An Experiment.

UNIVERSITY COLLEGE LONDON: DEPARTMENT OF BIOCHEMISTRY.—At Physiology Theatre, Gower Street, W.C., 5 p.m., public lecture by Dr. W. J. Whelan: Recent Advances in the Chemistry and Biochemistry of Glycogen and Starch—(1) Structure and Biosynthesis.

## Friday, February 24

GALENCALS.—At Royal Fort, Bristol, 5.30 p.m., Mr. H. G. Ungley: Impressions of Surgery Abroad.

●INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. R. M. B. MacKenna: clinical demonstration

INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Dr. K. M. Citron: clinical demonstration.

INSTITUTE OF LARYNGOLOGY AND OTOLGY.—5.30 p.m., Mr. Kenneth McLay: Tests of Vestibular Function (II). Open lecture and demonstration for trainees in the specialty.

POSTGRADUATE MEDICAL SCHOOL OF LONDON.—(1) 10 a.m., Mr. J. E. Piercy: Surgical Aspects of Malignant Tissue of the Thyroid; (2) 4 p.m., Professor H. Harris: Inborn Errors of Metabolism.

## Saturday, February 25

BIOCHEMICAL SOCIETY.—At Physics Lecture Theatre, Imperial College, London S.W., 10.10 a.m., 403rd meeting.

CAMBRIDGE UNIVERSITY MEDICAL SCHOOL.—At Lecture Room "B," Addenbrooke's Hospital, Symposium in Orthopaedics and Physical Medicine. Morning, 10.30 a.m., Mr. R. W. Butler: Osteoarthritis; 11.30 a.m., Mr. T. J. Fairbank: Lumps on the Limbs; 12.15 p.m., Mr. A. C. Hume: Fractured Neck of Femur. Afternoon, 2.15 p.m., Mr. R. W. Butler: Osteomyelitis; 3 p.m., Any Questions; 4 p.m., Dr. W. A. Fell: Use and Abuse of Cortisone and Hydrocortisone.

## Sunday, February 26

INSTITUTE OF LARYNGOLOGY AND OTOLGY.—10.15 a.m., Mr. K. G. Rotter: Seminar—Common Ear, Nose, and Throat Conditions.

## APPOINTMENTS

NORTH-WEST METROPOLITAN REGIONAL HOSPITAL BOARD.—I. C. K. Mackenzie, M.D., F.R.C.P., Consultant Neurologist, Bedford General Hospital; K. W. G. Heathfield, M.D., M.R.C.P., Consultant Neurologist, Luton and Dunstable Hospital; P. B. Croft, B.M., B.Ch., M.R.C.P., Consultant Neurologist, Lister Hospital; G. S. Ramsay, M.B., B.S., F.R.C.S., Consultant Surgeon, Royal London Homoeopathic Hospital; H. C. Nohl, D.M., F.R.C.S., Consultant Thoracic Surgeon, Harefield, Hillingdon and West Middlesex Hospitals and associated clinics; Johanna E. G. Brieger, M.B., B.Chir., M.F.Hom., Senior Hospital Medical Officer, Royal London Homoeopathic Hospital.

SCHLEYER-SAUNDERS, E., M.D., F.I.C.S., Honorary Consulting Gynaecologist, Italian Hospital, Queen Square, London.

## BIRTHS, MARRIAGES, AND DEATHS

## BIRTHS

**Howarth.**—On February 1, 1961, at Billinge Hospital, Wigan, Lancs, to Aileen (formerly Smith), M.B., B.Ch., and Roderic F. B. Howarth, M.B., B.Ch., of Copperas Lane, Haigh, near Wigan, a daughter.

**Littlewood.**—On February 3, 1961, to Christena, wife of Mr. Martin Littlewood, of Maghull, near Liverpool, a sister for Sheelagh, Mary, and Clare.

**Mercer.**—On November 5, 1960, at Princess Royal Maternity Home, Huddersfield, Yorks, to Pamela, wife of Michael H. Mercer, M.B., B.S., a sister for Nigel, Nicholas, and Lucy—Emma Rachel.

**Naylor.**—On January 18, 1961, at Ann Arbor, Michigan, U.S.A., to Paz, wife of Dr. Bernard Naylor, a son—Joseph Fitzgerald.

## DEATHS

**Bellew.**—On January 28, 1961, at 200 Melton Road, West Bridgford, Notts, Thomas Mulholland Bellew, M.R.C.S., L.R.C.P.

**Benzecry.**—On January 21, 1961, in hospital, Judah Samuel Benzecry, M.B., B.S., of London W.

**Black.**—On January 30, 1961, at Sunderland Royal Infirmary, Robert Black, M.B., Ch.B., D.P.H., of Mill Hayes, Hetton-le-Hole, Co. Durham, aged 60.

**Brodigan.**—On January 15, 1961, at her home, Cowes, Isle of Wight, Margaret Brodigan, M.B., B.S., D.P.H., D.C.H., D.Obst.R.C.O.G.

**Clarke.**—On January 28, 1961, at 109 Hoe Street, Walthamstow, London E., James Clarke, M.R.C.S., L.R.C.P.

**Dainty.**—On January 26, 1961, in hospital, at Lisbon, Ralph George Dainty, of 61 Queen Anne Street, London W.

**Dangerfield.**—On January 25, 1961, Arthur Dangerfield, M.B., F.R.C.S.Ed., D.T.M.&H., of Overbeck Cottage, Sinnington, York, aged 79.

**Dyke.**—On January 29, 1961, Gerard Ferdinand Eugene Dyke, M.B., B.S., of 11 Evans Avenue, Allestree, Derby.

**Farr.**—On January 19, 1961, at his home, Carfax, Eastham Rake, Eastham, Wirral, Cheshire, Walter Mayne Farr, M.B., B.Ch.

**Gilles.**—On January 23, 1961, at Bichi, Northern Nigeria, Eric Christian Gilles, O.B.E., D.Sc., L.R.C.P.&S.Ed., M.P.H., aged 59.

**Gray.**—On January 20, 1961, James Smith Gray, M.B., Ch.B., of Sibley, Leics, aged 81.

**Hennessy.**—On January 28, 1961, at 25 Winchester Road, Worthing, Sussex, Patrick Howard Hennessy, M.B., C.M., late of Malaya.

**Hungerford.**—On January 27, 1961, at Hayling Island, Geoffrey Hungerford, L.R.C.P.&S.I.

**Inglis.**—On January 19, 1961, Thomas Pollock Inglis, M.C., M.B., Ch.B., of Whips Cross Road, Leytonstone, London E.

**Iredell.**—On January 30, 1961, at the home of his daughter, Springs Farm, Fittleworth, Sussex, Charles Edward Iredell, M.D., M.R.C.P.

**Mackenzie.**—On January 30, 1961, at Inverness, George Doughty Mackenzie, M.B., Ch.B., of 1 Ardross Street, Inverness.

**Macmillan.**—On January 25, 1961, at Derbyshire Royal Infirmary, Archibald Macmillan, M.B., Ch.B., D.P.H., of 5 Trinity Terrace, Derby, aged 59.

**Maughan.**—On January 13, 1961, at his home, Cornwall, John St. Aubyn Maughan, L.R.C.P.&S.Ed., L.R.F.P.S., Colonel, A.M.S., retired.

**Meagher.**—On January 13, 1961, at the Kent and Sussex Hospital, Tunbridge Wells, Kent, Edward Thomas Meagher, M.R.C.S., L.R.C.P., Surgeon Rear-Admiral, R.N., retired, of Crowborough, Sussex, aged 90.

**Meek.**—On January 25, 1961, at Midhurst Cottage Hospital, Sussex, Donald Meek, V.R.D., M.B., Ch.B., aged 73.

**Morgan.**—On January 25, 1961, at 48 Talbot Road, Wrexham, Denbighshire, Jenkin Evan Eirof Morgan, M.B., B.Ch., formerly of Llanon, Cards.

**Mowat.**—On January 22, 1961, in a nursing-home, George Mowat, M.B., Ch.B., of Astley House, Astley Bridge, Bolton, Lancs, aged 85.

**Paterson.**—On January 14, 1961, at 11 Coombe Corner, Winchmore Hill, London N., Eirene Victoria Paterson (formerly Croll), M.B., Ch.B.

**Pottinger.**—On January 23, 1961, at St. Mary's Hospital, Clifton, Bristol, Joseph Hector Pottinger, M.B., Ch.B., D.P.H., D.T.M., D.T.H., formerly of Nigeria.

**Scarlett.**—On January 12, 1961, James Henri Stuart Scarlett, L.M.S.S.A., of Shortlands, Kent.

**Thornely.**—On January 17, 1961, at Copford Place, near Colchester, Essex, William Thornely, M.B., B.Ch., aged 91.

**Woods.**—On January 15, 1961, Harold Fergie Woods, M.D., F.F.Hom.