

recognized experts of the application of the technique in a great variety of fields. Here the reader will find a discussion and interpretation of results in the study of congenital and acquired heart disease, pulmonary and coronary circulations, as well as of hepatic and renal blood-flow. The value of dye-circulation studies and selective angiography following localized injections into selected parts of the circulation is described, and a section on the cerebral blood-flow is also included, though this technique is seldom carried out by the intravenous catheterization method.

Notable omissions are discussion of the research of the Birmingham workers on limb and splanchnic blood-flow in normal and pathological cardiac conditions. The place of intravenous catheters in the therapeutic management of anuria and other metabolic disorders such as severe diabetic coma might have been worthy of mention. Retrograde delineation of occlusion of the renal veins in the differential diagnosis of nephrotic syndromes by Milne and his associates might also have been given a place.

The chapters on the whole are adequate, stimulating, and interesting. It is a pity, however, that the section on the pulmonary circulation is so short. This is the field *par excellence* which has been so splendidly illuminated by catheterization and in which so many fascinating problems still remain. The work, however, is scholarly, and extensive key references are included in every chapter. It should be on the shelves of every medical school library. Its chapters outline much that has been achieved, without shirking mention of the difficulties which remain. Monographs in such rapidly developing fields of endeavour are apt to date very quickly, but this one at least will be a landmark in progress.

JOHN McMICHAEL.

### THE LIVER

*Physiologie und Experimentelle Pathologie der Leber.* By Dr. Anton Fischer. (Pp. 187; illustrated. 46s.) Budapest: Akadémiai Kiadó. Berlin: Akademie-Verlag. 1959.

This book in German on the physiology and experimental pathology of the liver comes from Budapest. After a brief description of the anatomy of the liver, the hepatic circulation is discussed. Then follows an account of the various metabolic aspects of hepatic physiology and pathology. This book is not a record of original work but a critical review of the world literature. It suffers from a failure to include sufficient discussion of important progress made in the last two years. Electron-microscopy of the liver, conjugation of bilirubin, fraction of bile acids and the plasma transaminases are some of the advances that are either not mentioned or touched on too briefly to be of value to the reader looking for up-to-date information on the liver. The problem of language will also necessarily limit the sales of this book in the United Kingdom.

SHEILA SHERLOCK.

In his *Histochemical Technique* W. G. B. Casselman provides an introduction to the principles and practice of microscopical histochemistry. He includes a selection of reliable techniques applicable to a variety of biological problems and lists of references for further reading. The book is published in the Methuen series of Monographs on Biological Subjects (pp. 205; 18s.).

### BOOKS RECEIVED

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

*An Introduction to Congenital Heart Disease.* By Leo Schamroth, M.B., B.Ch.(Rand), M.R.C.P.E., F.R.F.P.S., and Fay Segal, M.D.(Rand). (Pp. 116+ix; illustrated. 22s. 6d.) Oxford: Blackwell Scientific Publications. 1960.

*Exploration du Cerveau Humain par Électrodes Profondes.* By Michel Ribstein. *Electroencephalography and Clinical Neurophysiology.* Supplement No. 16. (Pp. 130; illustrated. NF. 30.) Paris: Masson et Cie. 1960.

*Chirurgie du Colón.* By Henri Welti. (Pp. 386; illustrated. NF. 60.) Paris: Masson et Cie. 1960.

*Asklepios. Archetypal Image of the Physician's Existence.* By C. Keleyni. (Pp. 151+xxvii; illustrated. 30s.) London: Thames and Hudson. 1960.

*Henry E. Sigerist on the History of Medicine.* Edited by Félix Martí-Ibáñez, M.D. (Pp. 313+xviii. \$6.75.) New York: MD Publications, Inc. 1960.

*Predisposition to Postvaccinal Encephalitis. Significance of Constitution, Especially the Status Dysraphicus in the Genesis of Postvaccinal Encephalitis.* By E. J. W. Keuter. (Pp. 160; illustrated. 46s.) Amsterdam, London, New York, Princeton: Elsevier Publishing Company. 1960.

*The Discovery of Reflexes.* By E. G. T. Liddell, D.M., F.R.S. (Pp. 174+vi; illustrated. 30s.) London: Oxford University Press. 1960.

*Gastric Cytology: Principles, Methods and Results.* By Rudolf Otto Karl Schade, M.D.(Dunelm), M.D.(Tübingen), L.R.C.P., M.R.C.S. (Pp. 83+viii; illustrated. 35s.) London: Edward Arnold (Publishers) Ltd. 1960.

*Treatment of Urinary Lithiasis.* Compiled and edited by Arthur J. Butt, B.S., M.D., F.A.C.S. (Pp. 577+xxii; illustrated. £8 8s. 6d.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1960.

*The Massachusetts General Hospital 1935-1955.* By Nathaniel W. Faxon, M.D. (Pp. 490+xv. 80s.) Cambridge, Mass.: Harvard University Press. London: Oxford University Press. 1959.

*Genetic Basis of Morphological Variation. An Evaluation and Application of the Twin Study Method.* By Richard H. Osborne and Francis V. De George. (Pp. 204+xxii; illustrated. 48s.) Cambridge, Mass.: Harvard University Press for the Commonwealth Fund. London: Oxford University Press. 1959.

*Diseases of the Skin.* By James Marshall, M.D.(Lond.). (Pp. 944+viii; illustrated. 84s.) Edinburgh and London: E. and S. Livingstone, Ltd. 1960.

*Notes on Infant Feeding.* By Stanley Graham, LL.D., M.D., F.R.C.P.(Ed.), F.R.F.P.S.(Glas.), and Robert A. Shanks, M.D., M.R.C.P.(Lond.), F.R.F.P.S.(Glas.). Fifth edition. (Pp. 76. 4s. 6d.) Edinburgh and London: E. and S. Livingstone, Ltd. 1960.

*The Principles and Practice of Chiropody.* By John H. Hanby, F.Ch.S., and H. E. Walker, F.Ch.S. Second edition. (Pp. 444; illustrated. 30s.) London: Baillière, Tindall and Cox. 1960.

*Essays on the First Hundred Years of Anaesthesia.* By W. Stanley Sykes, M.B.E., M.B., B.Chir.(Cantab.), D.A. Volume I. (Pp. 171; illustrated. 30s.) Edinburgh: E. and S. Livingstone, Ltd. 1960.

*The Rhythm Way to Family Happiness.* By John P. Murphy, M.D., and John D. Laux, M.E. (Pp. 200; illustrated. 18s.) London: Staples Press. 1959.

*The Reindeer (Rangifer Tarandus L.) in Denmark. Zoological and Geological Investigations of the Discoveries in Danish Pleistocene Deposits.* By Magnus Degerbol and Harald Krog. Biologiske Skrifter udgivet af Det Kongelige Danske Videnskabernes Selskab, Vol. X, No. 4. (Pp. 165; illustrated. Dan. kr. 35.) Copenhagen: Ejnar Munksgaard. 1959.

*Diatoms from Afghanistan.* By Niels Foged. Biologiske Skrifter udgivet af Det Kongelige Danske Videnskabernes Selskab, Volume XI, No. 1. (Pp. 95; illustrated. Dan. kr. 20.) Copenhagen: Ejnar Munksgaard. 1959.

*Klinische Physiologie: Aktuelle Probleme in Übersichten.* Unter Mirwirkung der Schriftleitung der Deutschen Medizinischen Wochenschrift. Edited by Dr. W. A. Müller. Volume I, Part 1. (Pp. 118+iv; illustrated. DM. 23.) Stuttgart: Georg Thieme Verlag. 1960.

midnight the following day, without previously giving any notice of the existence of a dispute. An emergency medical service was operating.

### Poliomyelitis and Vaccination

Mrs. JOYCE BUTLER (Wood Green, Lab.) asked the Minister of Health what was the number of cases of poliomyelitis and paralytic poliomyelitis, respectively, in 1958 and in 1959 in the different age groups, and the state of their previous vaccination.

Mr. D. WALKER-SMITH told her on May 2 that the information requested regarding cases of poliomyelitis occurring in 1958 and in 1959 was set out in the following tables:

Year	No. of Cases				
	Paralytic		Non-paralytic		Totals
	Under 15 Years of Age	15 and Over	Under 15 Years of Age	15 and Over	
1958	959	458	428	147	1,992
1959	512	220	215	74	1,021

Year	Cases Reported Among Those who had had two or More Injections of Poliomyelitis Vaccine				
	Paralytic		Non-paralytic		Totals
	Under 15 Years of Age	15 and Over	Under 15 Years of Age	15 and Over	
1958	88	4	83	3	178
1959	76	10	56	14	156

Note: All figures for 1959 are provisional.

She also asked for information about poliomyelitis and paralytic poliomyelitis, respectively, which occurred within 30 days of vaccination in each of the different age groups, in 1958 and in 1959, and was given the following figures:

Year		No. of Cases				
		Paralytic		Non-paralytic		Totals
		Under 15 Years of Age	15 and Over	Under 15 Years of Age	15 and Over	
1958	After 1 dose	36	3	17	0	56
	" 2 doses	12	0	10	0	22
	" 3 "	3	0	0	0	3
1959	Totals ..	51	3	27	0	81
	After 1 dose	16	6	8	0	30
	" 2 doses	2	0	3	1	6
1959	" 3 "	4	1	2	0	7
	Totals ..	22	7	13	1	43

Note: The figures for 1959 are not yet complete.

### Universities and Colleges

#### UNIVERSITY OF OXFORD

Dr. R. G. Tucker has been reappointed University Demonstrator in Biochemistry and Dr. R. S. Creed University Demonstrator in Physiology, both from October 1, 1960, to September 30, 1965. The George Herbert Hunt Travelling Scholarship for 1960 has been awarded to Dr. R. D. Stedeford (Worcester College).

Dr. R. G. Bannister has been elected to a Radcliffe Travelling Fellowship.

#### UNIVERSITY OF CAMBRIDGE

Dr. P. A. Merton has been reappointed University Lecturer in the Department of Physiology, with tenure from October 1, 1960, to the retiring age.

### UNIVERSITY OF GLASGOW

On April 30 the degree of M.D. was conferred, with commendation, on I. A. Porter.

### UNIVERSITY OF EDINBURGH

Dr. K. B. Roberts has been appointed Senior Lecturer in the Department of Physiology, and Colonel J. E. C. Robinson part-time Lecturer in the Department of Public Health and Social Medicine.

Dr. Agnes R. Macgregor has resigned from the appointment of Honorary Reader in the Department of Pathology, as from September 30, 1960.

### UNIVERSITY OF LONDON

The title of Reader in Chemical Pathology in the University has been conferred on Dr. G. R. Webster in respect of the post held by him at Guy's Hospital Medical School, from January 1, 1960.

The title of Fellow of University College, London, has been conferred on Professor J. F. Danielli, F.R.S., Professor of Zoology and Head of Department, King's College, London; and the title of Honorary Fellow of University College, London, on Sir Simon Marks, Hon.F.R.C.S.

Dr. J. Greenwood Wilson, medical officer of health for the Port and City of London, has been appointed a Fellow of King's College, London.

Mr. R. V. Bradlaw, M.D.S., F.R.C.S., F.D.S., has been appointed a teacher of dental surgery (oral medicine) at the Institute of Dental Surgery.

The University of London will commemorate the tercentenary of the Royal Society and the centenary of the award of the first degrees in science by the University of London on July 22, 1960, when the honorary degree of Doctor of Science will be conferred upon His Majesty King Gustaf VI Adolf of Sweden.

The honorary degree of Doctor of Science will also be conferred on the following Fellows or Foreign Members of the Royal Society on that occasion: Professor Homi Jehangir Bhabha, Director and Professor of Experimental Physics, Tata Institute of Fundamental Research, Bombay; Professor Detlev Wulf Bronk, O.B.E.(Hon.), President of the Rockefeller Institute, and President of the National Academy of Sciences; Sir Macfarlane Burnet, O.M., Director of the Walter and Eliza Hall Institute for Medical Research, Melbourne, and Professor of Experimental Medicine, University of Melbourne; Professor George Charles de Hevesy, Forsknings Institute for Organic Chemistry, Sweden; and Sir Thomas Merton, Treasurer of the Royal Society, 1939-56.

Dr. Charles F. Harris has been re-elected Vice-Chancellor from September 1 for the university year 1960-1.

Dr. Michael Shepherd, Senior Lecturer in Psychiatry at the Institute of Psychiatry, has been appointed to the University Readership in Psychiatry tenable at that institute.

### UNIVERSITY OF BIRMINGHAM

The honorary degree of D.Sc. will be conferred on Sir Geoffrey Jefferson, F.R.S., Emeritus Professor of Neurosurgery in the University of Manchester, in July.

Dr. D. A. Heath, Lecturer in Pathology, and Dr. B. D. Bower, Lecturer in Paediatrics and Child Health, have been promoted to senior lectureships from October 1, 1960.

Mr. F. C. Walker, F.R.C.S., has been appointed Lecturer in Surgery.

### ROYAL FACULTY OF PHYSICIANS AND SURGEONS OF GLASGOW

At a meeting of the faculty held on April 4, with the President, Mr. Arthur Jacobs, in the chair, the following were admitted Fellows of Faculty: *qua Physician*, A. C. Arntzenius, C. C. H. Chew, D. G. Chinniah, J. L. C. Dall, M. G. Dunnigan, A. B. E. S. Ibrahim, J. C. I. Ives, Julia A. Keane, A. L. Linton, S. M. Malik, B. G. S. Murthy, I. H. Randhawa, A. Sinclair, W. D. Smith, R. G. Spector; *qua Surgeon*, W. M. Borthwick, R. J. Scotthorne.

At a meeting of the Faculty held on May 2, with the President, Mr. Arthur Jacobs, in the chair, the following were admitted Fellows of Faculty *qua surgeon*: A. K. Bain, D. P.-C. Chan, W. G. Millar.

### ROYAL COLLEGE OF PHYSICIANS OF IRELAND

The following candidates were successful at the recent examination for the newly established Dublin Diploma in Obstetrics,

awarded by the College: S. Ahmed, B. N. Chakraborty, R. N. Jariwala, S. H. M. Logan, G. F. Mirza, M. L. O'Flaherty, L. C. Patel, T. F. Shaw.

On April 1 the following candidates were duly admitted Licentiates in Medicine and Midwifery, having passed the final examination in medicine, surgery, and midwifery of the Conjoint Board of Ireland: Lesley J. Clements, M. Davy, M. M. Jadwat, Sibertie Kissoon, D. J. O'Brien, Tai Hon Li.

#### ROYAL COLLEGE OF SURGEONS IN IRELAND

##### FACULTY OF ANAESTHETISTS

The President, Vice-president, and Council of the Royal College of Surgeons in Ireland have instituted a Faculty of Anaesthetists and have elected the following to the first Board of Faculty: *Dean*, Dr. T. J. Gilmartin; *Vice-Dean*, Dr. V. C. McCormick; Dr. P. Drury Byrne, Dr. F. Nagle, Dr. S. Kenny, Dr. P. Murray, Dr. J. A. Woodcock, Dr. R. Davys, Dr. J. W. Dundee, Dr. S. H. Love, *Council Representative*, Mr. D. J. Riordan; *ex-officio*, Mr. T. G. Wilson, President, and Mr. S. F. Heatley, Vice-President of the Royal College of Surgeons in Ireland.

The Foundation Fellows, whose names will be published at a later date, will be formally admitted to the Faculty by the President on Friday, July 8, 1960, at 5 p.m. The Faculty's first scientific meeting, to be held in the Royal College of Surgeons in Ireland, is being organized for the following day, July 9.

## Vital Statistics

### Industrial Accidents and Diseases

The number of workpeople (other than seamen) in the United Kingdom whose deaths from accidents in the course of their employment were reported in March was 99, compared with 88 in the previous month and 112 in March, 1959.

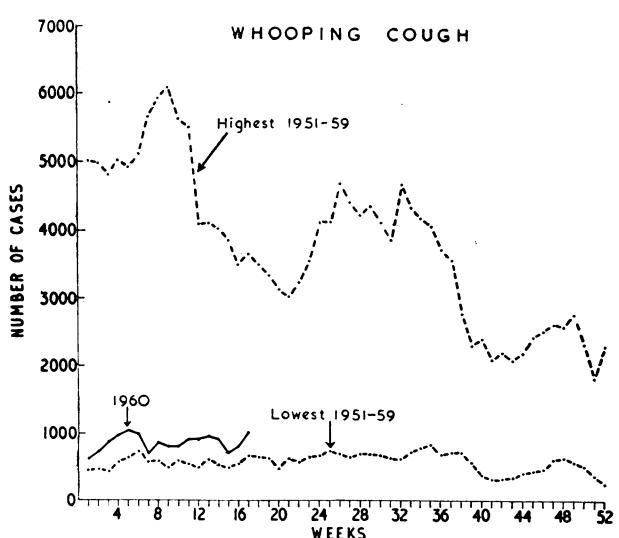
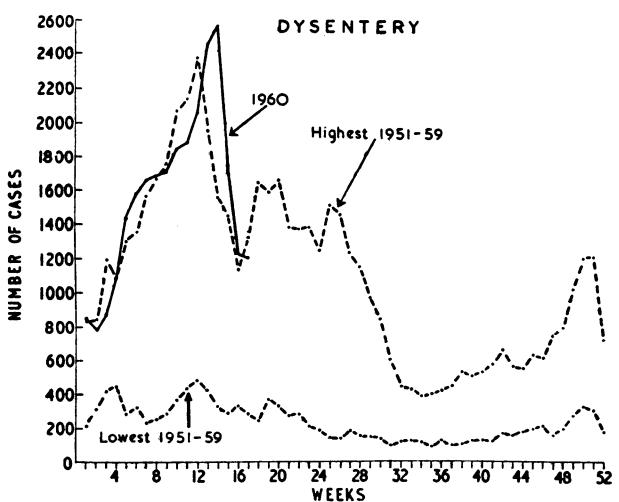
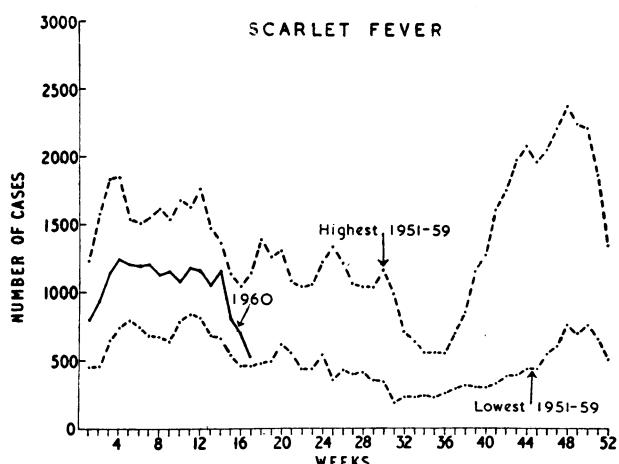
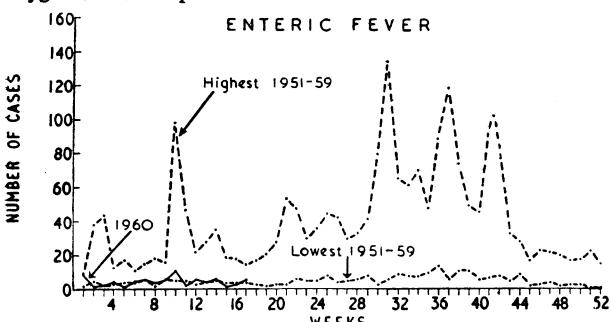
The numbers of cases of industrial diseases in the United Kingdom reported during March were as follows: lead poisoning 1; anthrax 1; epitheliomatous ulceration 17; chrome ulceration 12; total 31. There were no deaths.

### Influenza and Pneumonia

During the early spring the deaths from influenza, bronchitis, and pneumonia in England and Wales were all much fewer in 1960 than in 1959. The influenza deaths have remained low (35 in the week ending April 30); deaths from bronchitis, at around 450, are now about the same as they were a year ago, but deaths from pneumonia are still over the 600 mark. During the week ended April 30 they amounted to 607, compared with 416 during the same week a year ago.

### 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 thus —. Except for the curves showing notifications in 1960, the graphs were prepared at the Department of Medical Statistics and Epidemiology, London School of Hygiene and Tropical Medicine.



### Road Accidents in 1959

In 1959 5,840 men and women and 680 children were killed on the roads of Britain. More than 80,000 people were seriously injured and about a quarter of a million slightly injured. Approximately 417,000 vehicles were involved—i.e., one-twentieth of the total number on the roads. The killed or injured fell into the following groups: 45,000 drivers, 78,000 motor-cyclists (including scooter and moped riders), 52,000 pedal-cyclists, 67,000 pedestrians, and 40,000 children.

**Charterhouse Rheumatism Clinic.** — Gilbert Scott Memorial Lecture: Lord COHEN OF BIRKENHEAD, "The Present Status of Collagen Disease," Barnes Hall, Royal Society of Medicine, June 10, 5 p.m. Open to all members of the medical profession.

**Indian Medical Service Dinner Club.** — Annual dinner, East India and Sports Club, Ltd., St. James's Square, London, S.W.1, June 10, 7 p.m. Tickets from the secretary, I.M.S. Dinner Club, Medical Department, Commonwealth Relations Office, Matthew Parker Street, London, S.W.1.

**1st International Symposium of Underwater Medicine.** — Cannes, June 15-19. Details from Dr. J. FERRARI, 10, Place du Commandant Lamy, Cannes (A.-M.), France.

**Symposium on Staphylococci.** — Under the aegis of the Faculty of Medical Sciences of Buenos Aires. Organizers: Professor J. M. LESTON and Professor C. RECHNIEVSKI. July 14-16. Written contributions invited. Details from Dr. M. E. JÖRG, Corrientes 316, Esc. 153, Buenos Aires, South America.

## NEW ISSUES

### SPECIALIST JOURNALS AND ABSTRACTS

*The journals listed below are obtainable from the Publishing Manager, B.M.A. House, Tavistock Square, London, W.C.1.*

### JOURNAL OF CLINICAL PATHOLOGY

- The Effect of Heparin on the Early Stages of Blood Coagulation.** J. R. O'Brien.
- Observations on the Effect of Magnesium on Blood Coagulation.** R. G. Huntsman, B. A. L. Hurn, and H. Lehmann.
- A Simplification in the Estimation of "Prothrombin Time" for the Control of Anticoagulant Therapy.** J. W. Keyser and R. B. Payne.
- A Critical Evaluation of Red Cell and Plasma Volume Techniques in Patients with Burns.** J. W. L. Davies.
- The Development of an Acquired Haemoglobin Abnormality Caused by Thermal Injury.** S. Baar.
- The Relationship of Serum Gamma-globulin Concentration to Malaria and Sickling.** J. C. Edozien, A. E. Boyo, and D. C. Morley.
- Thrombotic Thrombocytopenic Purpura.** B. Bornstein, J. H. Boss, J. Casper, and M. Behar.
- Stress Zones in Foetal Arteries.** J. H. Robertson.
- The Identification of a Fluorescent Reducing Substance in the Urine of Patients with Rheumatoid Arthritis.** Mary McMillan.
- Factors Affecting the Uptake of Lissamine Green by Serum Proteins.** C. J. Brackenridge.
- A Rapid and Precise Method for the Determination of Urea.** J. K. Fawcett and J. E. Scott.
- A Simple and Rapid Method for the Simultaneous Determination of Calcium and Magnesium from the Same Sample of Blood Serum.** G. S. Kovács and K. E. Tárnok.
- A Simple Method for the Determination of Serum Haptoglobins.** J. A. Owen, F. C. Better, and J. Hoban.
- Infection with Different Species of Leptospires in Husband and Wife.** M. S. Pathy.
- The Colicine Typing of Coliform Bacilli in the Study of Cross-infection in Urology.** K. B. Linton.
- Technical Methods:**
  - A Technique of Blood pH Estimation.** E. G. Hardy.
  - A Capillary Tube Method of Rh Typing Using Albumin Agglutinating Anti-D Serum.** A. Lawrence.
  - A Modified Quick's One-stage Test for the Control of Out-patients on Anticoagulant Therapy.** B. A. Thompson.
  - A Manometric Micro-apparatus for Estimating Oxygen.** F. Rappaport, F. Eichhorn, and M. Nutman.
- An Orbital Shaker.** K. W. Keohane and W. K. Metcalf.

Seventh European Congress of Haematology.

Book Reviews.

Volume 15, No. 2. (Bi-monthly; £4 4s. annually.)

**Abstracts of World Medicine.** — Issued in the first week of each month, this journal contains abstracts of important papers selected from the current medical literature of the world. Annual subscription £4 4s.

### 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, May 16

**DENTAL AND MEDICAL SOCIETY FOR THE STUDY OF HYPNOSIS.** — At Royal Society of Medicine, 8 p.m., annual general meeting.

**POSTGRADUATE MEDICAL SCHOOL OF LONDON.** — 4 p.m., Professor C. H. Stuart-Harris: Virus Infections of the Respiratory Tract.

**WRIGHT-FLEMING INSTITUTE OF MICROBIOLOGY.** — St. Mary's Hospital Medical School, 5 p.m., Third Almroth Wright Lecture by Professor R. R. Porter, Ph.D.: Structure of Gamma Globulin and Antibodies.

#### Tuesday, May 17

**ILFORD MEDICAL SOCIETY.** — At King George Hospital, Ilford, 8.45 p.m., annual general meeting and cocktail party.

**INSTITUTE OF OBSTETRICS AND GYNAECOLOGY.** — At Queen Charlotte's Hospital, 4.30 p.m., Dr. T. F. Corkhill (New Zealand): Slight Disproportion as the Critical Factor in Prolonged Labour.

**ST. MARY'S HOSPITAL MEDICAL SCHOOL.** — At Wright-Fleming Institute, 5 p.m., Dr. R. R. Wilcox: Vaginitis Caused by Trichomonas and Candida Infestation.

**SOUTH-WEST LONDON MEDICAL SOCIETY.** — At Bolingbroke Hospital, 8.30 p.m., Bolingbroke Lecture by Sir Eric Riches: Carcinoma of the Bladder.

#### Wednesday, May 18

**INSTITUTE OF DERMATOLOGY.** — 5.30 p.m., Dr. J. O. Oliver: The Haemopoietic System in Skin Diseases.

**INSTITUTE OF DISEASES OF THE CHEST.** — 5 p.m., Dr. N. S. Plummer: Bronchopulmonary Mycetomas.

**ROYAL FREE HOSPITAL.** — Gray's Inn Road, London, W.C. — 5.15 p.m., Dr. Alfred Gellhorn (Columbia University, New York): Some Medical Aspects of Cancer.

**WILLESDEN GENERAL HOSPITAL MEDICAL SOCIETY.** — At Department of Physical Medicine, 8.30 p.m., Sir Eric Riches: Carcinoma of the Bladder.

#### Thursday, May 19

**BRITISH INSTITUTE OF RADIOLOGY.** — At Reid-Knox Hall, 32, Welbeck Street, W., 7.30 p.m., annual general meeting. 8 p.m., 39th Silvanus Thompson Memorial Lecture by Dr. V. E. Coslett, Ph.D., F.Inst.P.: X-ray Microscopy—Retrospect and Prospect.

**HONYMAN GILLESPIE LECTURES.** — At Anatomy Theatre, University New Buildings, Teviot Place, Edinburgh, 5 p.m., Dr. H. W. C. Griffiths: Crush Injuries of the Chest.

**LONDON JEWISH HOSPITAL MEDICAL SOCIETY.** — At Medical Society of London, 8.15 p.m., Dr. J. A. Gorsky: An Historical Inquest and Exhumation.

**POSTGRADUATE MEDICAL SCHOOL OF LONDON.** — 4 p.m., Professor C. H. Stuart-Harris: Virus Infections of the Respiratory Tract.

**ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE.** — At Manson House, 26, Portland Place, W., 7.30 p.m., Dr. G. S. Nelson: Schistosomes as Zoonoses in Africa. A discussion will follow.

**ST. ANDREWS UNIVERSITY.** — At Lecture Theatre, Physiology Department, Queen's College, Small's Wynd, Dundee, 5 p.m., Professor Thomas McKeown: Human Prenatal Growth.

**ST. GEORGE'S HOSPITAL MEDICAL SCHOOL.** — 5 p.m., postgraduate demonstration by Sir Paul Mallinson: Psychiatry.

#### Friday, May 20

**FACULTY OF RADIOLISTS.** — At Royal College of Surgeons of England, 4.30 p.m., Skinner Lecture by Professor J. Frimann-Dahl (Oslo): Tumours of the Pancreas.

**INSTITUTE OF DERMATOLOGY.** — 5.30 p.m., Dr. J. S. Pegum: clinical demonstration by Dr. J. L. Livingstone.

**INSTITUTE OF DISEASES OF THE CHEST.** — 5 p.m., clinical demonstration by Dr. J. L. Livingstone.

**INSTITUTE OF LARYNGOLOGY AND OTOLARYNGOLOGY.** — 5.30 p.m., Professor F. C. Ormerod: New Concepts of the Function of the Cochlear and Vestibule.

**INSTITUTE OF NEUROLOGY.** — 4.30 p.m., Dr. Denis Williams: Syndromes of the Basilar Artery.

**POSTGRADUATE MEDICAL SCHOOL OF LONDON.** — 10 a.m., Mr. Ian Orr: Selection of Operation for Peptic Ulcer.

#### Saturday, May 21

**CAMBRIDGE UNIVERSITY POSTGRADUATE MEDICAL SCHOOL.** — At Radiotherapeutic Centre, Addenbrooke's Hospital, symposium on Anaesthesia for Patients with Circulatory Disease. *Morning session:* 10.30 a.m., Dr. H. A. Fleming: Clinical Examination of the Cardiovascular System; 11.45 a.m., Dr. D. W. Barkham: The Electrocardiogram—Its Use Pre-operatively. *Afternoon session:* 2.30 p.m., Mr. R. Wright: Anaesthesia for Patients with Cardiovascular Disease (Excluding Cardiac Operations); 3.30 p.m., Mr. J. P. Payne: The Action of Anaesthetic and Allied Drugs on the Heart.

**NORTH-WESTERN THORACIC SOCIETY.** — At Cheshire Joint Sanatorium, Market Drayton, 11 a.m., joint meeting with Midland Thoracic Society.

**YORKSHIRE SOCIETY OF ANAESTHETISTS.** — At Huddersfield Royal Infirmary, 10.45 a.m., Mr. W. N. B. George, A.R.I.B.A.: Planning of the New General Hospital at Huddersfield; 11.45 a.m., Dr. C. S. Ward and Dr. A. R. Kerr: Old Age in Everyday Anaesthesia; 2.30 p.m., Dr. G. Jackson Rees: Some Aspects of Paediatric Anaesthesia.

## BIRTHS, MARRIAGES, AND DEATHS

### BIRTHS

**Green.** — On April 5, 1960, at the Women's Hospital, Wolverhampton, Staffs, to Maureen, wife of William C. Green, M.B., B.Ch., a brother for Michael and Beverley—Geoffrey Kevin.

**Starck.** — On May 6, 1960, at Perivale Maternity Hospital, to Pauline and Gordon Starck, a son—Andrew Philip.

**Trigg.** — On April 28, 1960, at the Weir Maternity Hospital, Balham, London, S.W. 11, to Sylvia J. Jordan, M.B., B.S., wife of Kenneth H. Trigg, M.B., B.S., D.O.B.S.R.C.O.G., a sister for Jennifer and Hilary—Cecilia Jane.

### DEATHS

**El.** — On April 28, 1960, at Summer Lane, Wirksworth, Derby, Edward Ernest Elt, M.R.C.S., L.R.C.P., late of London, N., and St. Jean, Cap Ferrat, France.

**Fletcher.** — On April 20, 1960, Rowe Brennan Fletcher, M.D., of Green Knott, Windermere, Westmorland.

**Friend.** — On April 24, 1960, at St. Albans City Hospital, Francis Friend, M.D., D.M.R.E., of St. Albans, Herts, formerly of Edgware, Middlesex.

**Hogg.** — On April 27, 1960, at Forresterhill, Aberdeen, William James Hogg, M.D., D.P.H., of Forest Hill, Stonehaven, Kincardineshire.

**Hunt.** — On April 19, 1960, Henry Hunt, L.R.C.P.&S.I. & L.M., surgeon captain, R.N., retired, aged 90.

**Hunter.** — On April 27, 1960, at 65, Pentland Terrace, Edinburgh, Alexander Hunter, M.C., M.B., Ch.B., late of Moseley, Birmingham, Warwickshire.

**Kirkwood.** — On April 26, 1960, at his home, Lawbrook, Gomshall, Surrey, William Douglas Kirkwood, M.D., aged 74.

**Monie.** — On April 29, 1960, at Westfield, Alexander Street, Lanarks, James Monie, M.B., Ch.B.

**Rogerson.** — On April 30, 1960, William Albert Rogerson, M.R.C.S., L.R.C.P., of Little Saling, Essex, formerly of Bexley Heath, Kent, aged 67.

**Sinclair.** — On April 23, 1960, at Avimore, Camberley, Surrey, George Hulseberg Sinclair, M.B., F.R.C.S.Ed., aged 88.

**Walsh.** — On April 21, 1960, Michael Anthony Walsh, L.R.C.P.&S.I. & L.M., D.P.M., late of Tooting Bec, London, S.W. 13.