

the small bowel and its disorders is commented on and in metabolism and endocrinology the purification, characterization, and synthesis of aldosterone. In haematology Castle picks out Pauling's discovery of sickle-cell haemoglobin, Gross's demonstration of a filtrable factor capable of transmitting mouse leukaemia, and Jacobson's observation that shielding of the spleen facilitates recovery from radiation.

These decennial reviews are well done, but for most of us the attraction of the *Year Book of Medicine* will remain its skilful skimming of the cream of the research which has been done in clinical medicine in the year that has just ended.

L. J. WITTS.

BOOKS RECEIVED

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

Modern Trends in Anaesthesia. II. Aspects of Hydrogen Ion Regulation and Biochemistry in Anaesthesia. Edited by Frankis T. Evans, M.B., B.S., F.R.C.S., F.F.A.R.C.S., and T. Cecil Gray, M.D., F.F.A.R.C.S., Hon.F.F.A.R.C.S. (Pp. 219+vii; illustrated. 60s.) London: Butterworths. 1962.

An Atlas of Positive Contrast Myelography. By James Bull, M.A., M.D., F.R.C.P., F.F.R., and Wylie McKissock, O.B.E., M.S., F.R.C.S. With the co-operation of William H. Bloom, M.D., K. York Chynn, M.D., and D. Gordon Potts, M.D. (Pp. 147. \$9.50.) New York and London: Grune and Stratton. 1962.

Grundriss der Physiologischen Chemie für Veterinärmediziner, Humanmediziner, und Biologen. By Martin Schenck. Edited by Erich Kolb. Fourth edition. (Pp. 438+xv; illustrated. DM. 24.80.) Jena: Gustav Fischer Verlag. 1961.

Medical Genetics 1958-1960. An Annotated Review. By Victor A. McKusick, M.D. (Pp. 534; illustrated. £5 8s. 6d.) London: Henry Kimpton. St. Louis: C. V. Mosby Company. 1961.

The Pharmacological Principles of Medical Practice. By John C. Krantz, jun., and C. Jelleff Carr. Fifth edition. (Pp. 1,498 +xii; illustrated. £6.) London: Baillière, Tindall and Cox. 1961.

Guilt and Grace. A Psychological Study. By Paul Tournier. English translation by Arthur W. Heathcote, assisted by J. J. Henry and P. J. Allcock. (Pp. 224. 21s.) London: Hodder and Stoughton. 1962.

Bréviaire de Rhumatologie à l'Usage du Praticien. By members of the Department of Rheumatology, Hôpital Lariboisière (Centre Viggo-Petersen), with S. de Sèze, Jacqueline Petersen, M. Th. Egger, and F. de Lapasse. Second edition. (Pp. 370; illustrated. N.F. 46.) Paris: Expansion Scientifique Française. 1961.

Aux Confins de la Rhumatologie. Edited by S. de Sèze and Claude Guérin. With 39 contributors. (Pp. 480; illustrated. N.F. 63.) Paris: Expansion Scientifique Française. 1961.

From Miasmas to Molecules. By W. Barry Wood, jun., M.D. (Pp. 100+xii; illustrated. 24s.) New York and London: Columbia University Press. 1961.

Le Problème du Rhumatisme Articulaires Aigu en Pratique Médicale. Étude Bioclinique et Thérapeutique. By M. Paget and G. Fruchart. (Pp. 132. N.F. 16.) Paris: Expansion Scientifique Française. 1961.

The Growth of the Normal Child During the First Three Years of Life. Proceedings of a Seminar Organized by the International Children's Centre, Zurich, October, 1960. Edited by André Merminod. *Modern Problems in Pediatrics*. VII. (Pp. 256+xvi; illustrated. Sw.fr. 37.) Basle, New York: S. Karger. 1962.

The Organization of the Central Nervous System. By C. V. Brewer, M.Sc. (Pp. 166+ix; illustrated. 12s. 6d.) London, Melbourne, Toronto: Heinemann. 1961.

Sozialer Wandel und Krankheit. Ergebnisse und Probleme der Medizinischen Soziologie. By Manfred Pflanz. (Pp. 403 +xii. DM. 39.) Stuttgart: Ferdinand Enke Verlag. 1962.

Molecular Biophysics. By Richard B. Setlow and Ernest C. Pollard. (Pp. 545+xiii; illustrated. 84s.) Oxford, London, New York, Paris: Pergamon Press. 1962.

Les Blessés de la Route. Du Prompt-secours au bord de la route, à l'Accueil au Centre Chirurgical. By Marcel Arnaud. (Pp. 126; illustrated. N.F. 18.) Paris: Masson et Cie. 1961.

Cultural Aspects of Delusion. A Psychiatric Study of the Virgin Islands. By Edwin A. Weinstein, M.D. (Pp. 215. \$5.) New York: The Free Press of Glencoe, Inc. 1962.

Handbook of Clinical Cardiology. By Harold W. Salmon, M.D., M.R.C.P. (Pp. 178+viii; illustrated. 25s.) London: Harvey and Blythe. 1962.

Cambridge Doctor. By Rex Salisbury Woods. (Pp. 224; illustrated. 21s.) London: Robert Hale. 1962.

The Harvey Lectures. Delivered under the auspices of the Harvey Society of New York 1960-1961. Under the Patronage of the New York Academy of Medicine. Series 56. (Pp. 264+xiv; illustrated. 64s.) New York and London: Academic Press. 1961.

Clinical Pharmacology. By D. R. Laurence, M.D., M.R.C.P. Second edition. (Pp. 542+x; illustrated. 36s.) London: J. and A. Churchill. 1962.

Medicine. Essentials for Practitioners and Students. By G. E. Beaumont, M.A., D.M.(Oxon.), F.R.C.P., D.P.H.(Lond.). Eighth edition. (Pp. 864+xvii; illustrated. 48s.) London: J. and A. Churchill. 1962.

Recent Advances in Anatomy. Edited by F. Goldby, M.A., M.D., M.R.C.P., and R. J. Harrison, M.A., M.D., D.Sc. Second series. (Pp. 477+ix; illustrated. 60s.) London: J. and A. Churchill. 1961.

The British Association/Granada Guildhall Lectures 1961. By Sir James Gray, Professor Hermann Bondi, and Sir John Wolfenden. (Pp. 80. 4s. 6d.) London: University of London Press. 1962.

The Pattern of Progressive Mineralisation in Human Dental Enamel. By H. S. M. Crabb, M.D.S., Ph.D., F.D.S.R.C.S., and A. I. Darling, D.D.Sc., M.D.S., F.D.S.R.C.S., M.R.C.S., L.R.C.P. (Pp. 99+xiii; illustrated. 35s.) Oxford, London, New York, Paris: Pergamon Press. 1962.

Heart, Kidney and Electrolytes. Edited by Charles K. Friedberg, M.D. (Pp. 420+iv; illustrated. \$11.75.) New York and London: Grune and Stratton. 1962.

The Young Man's Guide to Medicine. By Eric J. Trimmer, M.B., B.S. (Pp. 192; illustrated. 15s.) London: Hamish Hamilton. 1962.

A Doctor's View of Suffering. By C. C. Bratt, M.B., B.S. (Pp. 16. 1s. 6d.) London: Society for Promoting Christian Knowledge. 1962.

Secretory Mechanisms of the Gastro-Intestinal Tract. By R. A. Gregory, D.Sc., M.R.C.S., L.R.C.P. (Pp. 248+vii; illustrated. 36s.) London: Edward Arnold (Publishers) Ltd. 1962.

Koagulopathien. IV Hamburger Symposium über Blutgerinnung, June 3, 1961. Edited by L. Zukschwerdt and H. A. Thies. (Pp. 172; illustrated. DM. 19.75.) Stuttgart: Friedrich-Karl Schattauer-Verlag. 1962.

Growth at Adolescence. By J. M. Tanner, M.D., D.Sc., D.P.M. Second edition. (Pp. 325+xiii; illustrated. 47s. 6d.) Oxford: Blackwell Scientific Publications. 1962.

The Psychotherapy of Stuttering. Edited by Dominick A. Barbara, M.D. (Pp. 296+ix. 78s.) Springfield, Ill.: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1962.

The Fundamentals of X-ray and Radium Physics. By Joseph Selman, M.D. Third edition. (Pp. 364+xx; illustrated. 78s.) Springfield, Ill.: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1961.

Side Effects of Anti-Obesity Drugs. By Ashton L. Welsh, M.S., M.D. (Pp. 243+xxii. 76s.) Springfield, Ill.: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1962.

Chapters in American Obstetrics. By Herbert Thoms, M.D. Second edition. (Pp. 158+xiii; illustrated. 36s.) Springfield, Ill.: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1961.

Physiotherapy in Cerebral Palsy. A Handbook. By Sophie Levitt, B.Sc.(Physiotherapy) Rand., M.S.A.S.P. (Pp. 130+xvi; illustrated. 52s.) Springfield, Ill.: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1962.

Sudan Orthopaedic Centre

The Nuffield Orthopaedic Centre is sending Mr. B. T. O'CONNOR (senior registrar) to the University of Khartum to establish the Sudan's first orthopaedic centre. Mr. O'Connor will be paid by the University of Khartum and will return at the end of two years to his post at the Centre.

Marlborough Night Hospital

The North-west Regional Hospital Board and the Central Middlesex Group Hospital Management Committee have sanctioned a Weekend Hospital attached to the Marlborough Day Hospital, on similar lines to the Night Hospital started there four years ago. Medical practitioners who have patients whom they think might profit from such treatment are invited to send referral letters to the Marlborough Day Hospital, 38 Marlborough Place, St. John's Wood, London N.W.8.

Fondazione "Nicolò Castellino" Prize

The Fondazione "Nicolò Castellino" is offering a prize of 1m. lire for an original and unpublished work on industrial medicine, on a subject freely chosen, and of a strictly scientific character. Candidates must not be over 40 by December 31, 1962, and should not hold professorships or other similar positions. Details may be obtained from Istituto Italiano di Cultura, 39 Belgrave Square, London S.W.1. The closing date is December 31, 1962, and entries should be sent to the Foundation's Secretary, at Presso I.N.A.I.L., Via IV Novembre 144, Rome, Italy.

Medical Defence Union

The Medical Defence Union is enlarging its secretariat, and an advertisement for a medical assistant secretary appears on advertisement p. 42.

COMING EVENTS

Royal Institute of Public Health and Hygiene.—Course of weekly evening lectures in medicine and industry, April 26–June 21, at Postgraduate Medical School of Institute. Details from R.I.P.H.H., 23 Queen Square, London W.C.1.

Institute of Dermatology.—Exhibition, Dr. S. SHUSTER, "Senile and Corticosteroid Purpura," May 1–25, at Institute, St. John's Hospital for Diseases of the Skin, Lisle Street, Leicester Square, London W.C.2.

Nursery School Association of Great Britain and Northern Ireland.—Conference, "Modern Developments in Child Education," May 3, William Beveridge Hall, Senate House, University of London, Malet Street, London W.C.1. Details from Miss D. E. WARREN, N.S.A., 89 Stamford Street, London S.E.1.

Institute of Laryngology and Otolaryngology.—Lectures at Golden Square Hospital, London W.1, as contribution to centenary celebration of founding of Hospital for the Diseases of the Throat. May 3, 10 a.m., Miss EDITH WHETNALL, "The Deaf Child"; 11.30 a.m., Mr. D. F. N. HARRISON, "Cytotoxic Drugs"; 2–4 p.m., Dr. J. D. PYE, "Ultrasonic Mechanisms in Animals"; Mr. K. McLAY, "Electro-nystagmography and Bekesy Audiometry"; Mr. M. FLINN, "Physical Aspects of Ultra-sound."

1st Almroth Wright Lecture.—Professor FRANK FENNER, F.R.S., "Reactivation of Animal Viruses," May 7. (See advertisement p. 59.)

7th Crookshank Lecture, Faculty of Radiologists.—Sir GEORGE PICKERING, "Transient Cerebral and Retinal Ischaemia," May 18, 4.30 p.m., Royal College of Surgeons of England, Lincoln's Inn Fields, London W.C.2. Admission free, without ticket.

College of General Practitioners (East Anglia Faculty).—Day course, May 13, 10.15 a.m., Papworth Hospital, Cambridgeshire. Details from Secretary, Postgraduate Medical School, Tennis Court Road, Cambridge.

Faculty of Radiologists.—Postgraduate week-end course, May 19, 20, Royal College of Surgeons, Lincoln's Inn Fields, London W.C.2. Details from Faculty at that address.

Societies and Lectures

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

Monday, April 30

HUNTERIAN SOCIETY.—At Talbot Restaurant, 64 London Wall, E.C., 7 for 7.30 p.m., annual general meeting and dinner, Mr. Gavin Maxwell: An Illustrated Travelogue (including Otters).●
POSTGRADUATE MEDICAL SCHOOL OF LONDON.—4 p.m., Professor D. Durrer: Excitation in Myocardial Infarction.
ROYAL COLLEGE OF PHYSICIANS OF LONDON.—5 p.m., Lumleian Lecture by Professor R. A. McCance, F.R.S.: Food, Growth, and Time.

Tuesday, May 1

HEATHERWOOD HOSPITAL, Ascot.—8.30 p.m., Mr. Geoffrey Fisk: The Fractured Scaphoid and Carpal Instability.
INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. Y. M. Clayton: Epidemiology of Fungus Infections.
INSTITUTE OF OBSTETRICS AND GYNAECOLOGY.—At Hammersmith Hospital, (1) 2 p.m., Dr. G. Jackson-Rees: Adaptation to Extrauterine Life and Neonatal Resuscitation; (2) 3 p.m., Mr. H. Roberts: Prolapse.●
LONDON UNIVERSITY.—(1) At Physiology Lecture Theatre, University College, Gower Street, W.C., 5 p.m., Professor A. L. Lehninger (Baltimore, U.S.A.): Enzymatic and Structural Organization of Mitochondria. (2) At London School of Hygiene and Tropical Medicine, W.C., 5.30 p.m., Professor Elliot V. Newman (Vanderbilt University, U.S.A.): Metabolic Consequences of Cardiac Failure.
WEST END HOSPITAL FOR NEUROLOGY AND NEUROSURGERY.—5.30 p.m., Dr. H. C. Grant: Chronic Meningitis.

Wednesday, May 2

BROOK GENERAL HOSPITAL.—5.15 p.m., clinicopathological conference.
INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. L. Szur: Introduction to Radiotherapy in Skin Diseases (1).
INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Dr. Lynne Reid: The Pathology of Chronic Bronchitis and Emphysema.
INSTITUTE OF OBSTETRICS AND GYNAECOLOGY.—At Queen Charlotte's Hospital, 3 p.m., Mr. E. Parry-Jones: The Occipito-posterior Position.●
PLYMOUTH MEDICAL SOCIETY.—At Lifton, Devon, 3 p.m., visit to Ambrosia Ltd. Creamery.
POSTGRADUATE MEDICAL SCHOOL OF LONDON.—2 p.m., Dr. E. S. Anderson: Phage Typing and Ecology of Bacterial Species.
ROYAL COLLEGE OF PHYSICIANS OF LONDON.—5 p.m., Lumleian Lecture by Professor R. A. McCance, F.R.S.: Food, Growth, and Time.
ROYAL FREE HOSPITAL.—5.15 p.m., Dr. Robert E. Condon (Seattle): The Isolated Perfused Liver.

Thursday, May 3

ABERDEEN UNIVERSITY FACULTY OF MEDICINE.—4.30 p.m., Dr. Roger Short: Pregnancy—the Beginning and the End.
BRITISH GERIATRICS SOCIETY: WELSH SECTION.—At Temple of Peace and Health, Cathays Park, Cardiff, Conference on Health and Welfare of the Elderly in Wales. Guest speaker: Professor J. Yudkin: "Nutrition in the Elderly."
INSTITUTE OF LARYNGOLOGY AND OTOLARYNGOLOGY.—At Royal College of Surgeons of England, London W.C., 5.30 p.m., Dr. I. Friedmann: Electron Microscopy in Otolaryngology.
LONDON JEWISH HOSPITAL MEDICAL SOCIETY.—At 11 Chandos Street, W., 8.15 p.m., Mr. J. Penn: Plastic Surgery in Perspective.
POSTGRADUATE MEDICAL SCHOOL OF LONDON.—4 p.m., Dr. D. G. James: Sarcoidosis.
ST. MARY'S HOSPITAL MEDICAL SCHOOL.—At Wright-Fleming Institute Theatre, 5 p.m., Mr. Douglas MacLeod: Endometriosis.
UNIVERSITY COLLEGE LONDON.—At Physiology Theatre, 5 p.m., Professor H. G. Wittmann (Tübingen, Germany): Genetic Code Between Nucleic Acid and Protein.

Friday, May 4

INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Dr. F. J. Prime: Applied Respiratory Physiology.
INSTITUTE OF LARYNGOLOGY AND OTOLARYNGOLOGY.—3.30 p.m., Mr. K. McLay: Surgical Treatment of Deafness.
LONDON UNIVERSITY.—At St. Bartholomew's Hospital Medical College (No. 2 Lecture Theatre), 5.30 p.m., Professor Ernst Bárány (Sweden): Mode of Action of Pilocarpine in Glaucoma.
POSTGRADUATE MEDICAL SCHOOL OF LONDON.—10 a.m., Mr. R. E. Isaac: Some Views on the Aetiology and Treatment of Inguinal Herniae.

Saturday, May 5

INSTITUTE OF LARYNGOLOGY AND OTOLARYNGOLOGY.—12 noon, Professor A. Herrman (Munich): Clinical Significance of Malignant Tumour Cells in the Blood.
MIDLAND THORACIC SOCIETY.—At Baguley Hospital, Wythenshawe, Manchester, joint meeting with North-western Thoracic Society, 11.15 a.m., Dr. Geoffrey Wade, Dr. J. Howell, and Dr. E. L. Feinmann: Management of Cor Pulmonale. Discussion to be opened by Dr. D. R. Humphreys. 2.30 p.m., Mr. J. F. Dark and Mr. L. D. Abrams: Thoracic Surgical Emergencies.

DEATHS

Carruthers.—On April 6, 1962, Samuel William Carruthers, M.D., Ph.D., of London S.E., aged 96.
Charles.—On April 8, 1962, at The Cottage, Churchill, near Bristol, John Roger Charles, M.D., F.R.C.P., formerly of Pelsall Hall, Staffs, aged 89.
Fenwick.—On April 7, 1962, Philip Cuthbert Collingwood Fenwick, L.M.S.S.A., of Bourne Hall Hotel, Bournemouth, Hants.
Fraser.—On April 6, 1962, at Smithfield, Virginia, U.S.A., Hugh Ross Fraser, M.B., Ch.B.
Garton.—On April 6, 1962, Roy Garton, M.B., B.S., of 24 Eaton Place, Brighton, Sussex, aged 38.
Henry.—On April 6, 1962, at his home, Rosbeg, Bally, Co. Dublin, Arnold Kirkpatrick Henry, M.Ch.(Hon.), F.R.C.S.I., late of Cairo, Egypt, aged 76.
Hoyle.—On April 12, 1962, John Hoyle, M.R.C.S., L.R.C.P., of Lyndene, Reedley Drive, Burnley, Lancs.
McNair.—On April 4, 1962, at 16 Rainhill Road, St. Helens, Lancs, James Stephen McNair, M.R.C.S., L.R.C.P.
Marien.—On April 17, 1962, at 29 The Avenue, Highbury Park, London E., Edwin André Watson Marien, M.B., B.S., D.I.H., aged 38.
Preston-Hillary.—On April 9, 1962, Cecil Walpole Preston-Hillary, M.R.C.S., L.R.C.P., of 284 St. Helens Road, Hastings, Sussex.