

to clinicians who are not necessarily or often trained in the basic sciences. The papers are all fascinating and instructive and cover the fields of melanogenesis and of cutaneous innervation. There are excellent contributions on immunology and sensitization and on the pharmacology of vasodilator drugs. Histochemistry, inflammation, bacteriology, and carcinogenesis are discussed in relation to the skin, and there is a series of papers on psychological mechanisms. Those who were privileged to attend the course will regret that these edited proceedings do not include the attractive paper by Dr. Gale on the bacterial cell even though it had appeared elsewhere, but that is the only criticism to be offered.

Such a course and this record of the contributions are of interest not only to dermatologists. It is understood that further similar courses are to be arranged at appropriate intervals, and that is welcome news. The production by the University Press is excellent in every way.

J. T. INGRAM.

CHILDREN'S ABDOMINAL PAINS

The Child with Abdominal Pains. By John Apley, M.D., F.R.C.P. (Pp. 86+vii. 12s. 6d.) Oxford: Blackwell Scientific Publications. 1959.

This short monograph is excellent. It is a model of clarity and common sense and gives a detailed account of how the common and often difficult problem of abdominal pain in childhood may best be tackled. There must be few surgeries and children's out-patient departments where the problem is not encountered almost daily. Dr. Apley shows that there is no easy way out and certainly no quick way. Dealing with such children and their parents is a time-consuming process, but one which well repays the time spent.

The myths of abdominal migraine and epilepsy are exploded, and, though not a therapeutic nihilist, the author concludes that medicines play little part in treatment. It is in keeping with general paediatric experience that only 7% of the children with abdominal pain had any organic cause for the pain; in half the origin was in the alimentary tract and in half in the renal tract. An interesting finding was the high incidence of abdominal pain in the relatives of affected children.

The monograph deserves a better binding; otherwise it is well produced and only two mistakes were found—the mis-spelling of Brennemann's name and the omission of "not" in a quotation from Hill on page 71. There is an excellent bibliography. The lay-out is so clear, the headings so plain, and the summaries at the end of the chapters so adequate that the index is really unnecessary.

Family doctors and paediatricians alike may read this book with pleasure and profit; it is commended without reservation.

WILFRID GAISFORD.

Written in English, and firmly based on the standard British pharmacopoeias, the *Ceylon Hospitals Formulary 1959* is compact, compendious, and helpful. The official names of drugs are used throughout and proprietary equivalents given in a table at the end. Doses are in the metric system, but are given also in the apothecaries' where this has been conventionally used in the past. The formulae are arranged on a pharmacological basis, and Professor S. W. Bibile, of Ceylon University, introduces each section by an instructive account of the drugs in it. Published by the Ceylon Department of Health, the *Formulary* is printed on good paper.

BOOKS RECEIVED

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

Manual of Skin Diseases. By Gordon C. Sauer, M.D. (Pp. 269+xvii; illustrated. 70s.) London: Pitman Medical Publishing Co., Ltd. 1960.

New Methods of Studying Gaseous Exchange and Pulmonary Function. By Alfred Fleisch, M.D. Translated by Charles Corsi. (Pp. 116+xiv; illustrated. 46s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1960.

Elongation Treatment of Low Back Pain. By George H. Hassard, M.D., and Charles L. Redd, B.S., P.T. (Pp. 78+xvi; illustrated. 36s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1960.

The Paediatric Prescriber. By Pincus Catzel, M.B., B.Ch. (Rand), M.R.C.P.Ed., D.C.H., R.C.P.&S.(Eng.), assisted by S. Cohen, M.P.S.(S.A.) (Pp. 244+xvi. 15s.) Oxford: Blackwell Scientific Publications. 1960.

Surgical Philosophy in Mass Casualty Management: With Detailed Notes on Practical Care. By Warner F. Bowers, A.B., B.Sc., M.D., M.S., Ph.D., and Carl W. Hughes, A.B., M.D. (Pp. 204+ix. 54s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1960.

British Medical Bulletin. Volume 16, No. 2. *The Thyroid Gland.* (Pp. 89-174; illustrated. 20s.) London: British Council Medical Department. 1960.

Electrophoresis in Physiology. By Lena A. Lewis, Ph.D., LL.D. With a chapter on *Immuno-electrophoresis* by M. D. Poulik. Second edition. (Pp. 120+v; illustrated. 44s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1960.

Primary Tumors of the Calvaria: With Special Consideration of the Clinical Problems. By Franklin Jelsma, M.D. (Pp. 116+x; illustrated. 56s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1960.

Mitra Operation for Cancer of the Cervix: Extraperitoneal Pelvic Lymphadenectomy and Radical Vaginal Hysterectomy. By Subodh Mitra, M.B.(Cal.), Dr.med.(Berlin), F.R.C.S.(Edin.), F.R.C.O.G., F.A.C.S., F.N.I. (Pp. 93+xix; illustrated. 48s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1960.

Dreams and Personality Dynamics. Edited by Manfred F. DeMartino, M.A. (Pp. 377+xvii. 84s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1960.

Electrohysterography: The Electrical Activity of the Human Uterus in Pregnancy and Labor. By Saul David Larks, B.S.E.E., M.S.(E.E.), Ph.D. (Pp. 123+xiii; illustrated. 46s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1960.

Diagnosis and Treatment of Diseases of the Trachea and Bronchi. By Herman J. Moersch, M.D., and Howard A. Andersen, M.D. (Pp. 108+vii; illustrated. 34s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1960.

Photography in Medicine. By Arthur Smialowski and Donald J. Currie, M.D., M.Sc., F.R.C.S.E., F.R.C.S.(C.), D.S., F.A.C.S. (Pp. 330+xviii; illustrated. £5 16s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1960.

Studies on Vertebrate Neurogenesis. By Professor Santiago Ramon y Cajal. Translated by Lloyd Guth, M.D. (Pp. 432+xiv; illustrated. £5 8s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1960.

Laboratory Identification of Pathogenic Fungi Simplified. By Elizabeth L. Hazen, Ph.D., and Frank Curtis Reed. Second edition. (Pp. 150+xv; illustrated. 60s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1960.

Practical Neurological Diagnosis. With Special Reference to the Problems of Neuro-Surgery. By R. Glen Spurling, M.D. Sixth edition. (Pp. 284+xviii; illustrated. 54s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1960.

The Extremities. By Daniel P. Quiring, Ph.D. Second edition, revised and edited by John H. Warfel, Ph.D. (Pp. 120; illustrated. 24s. 6d.) London: Henry Kimpton. 1960.

NEW ISSUES

BRITISH JOURNAL OF PHARMACOLOGY AND
CHEMOTHERAPY

- The Ganglion-blocking Activity of Aminobicyclo[2,2,1]heptanes (Congeners of Mecamylamine) and Bicyclo[3,2,1]azaoctanes (Bridged Congeners of Pempidine). N. D. Edge, S. J. Corne, G. E. Lee, and W. R. Wragg.
- Central Vasomotor Effects of a new Ganglion-blocking Agent—1:2:2:6:6-pentamethyl Piperidine (Pempidine). K. N. Dhawan and K. P. Bhargava.
- The Inhibition of the Peristaltic Reflex by Substances from Protein Sources. R. Schneider, Hilary Bishop, and B. Shaw.
- A Ganglion-stimulating Principle Present in Peptone. W. T. Beraldo and A. Zanotto.
- The Absorption of Prothidium by *Trypanosoma rhodiense*. Angela E. R. Taylor.
- The Absorption, Distribution, and Excretion of Prothidium in Rats, Rabbits and Cattle. Angela E. R. Taylor.
- The Antimicrobial Properties of Some α -Amino-oxy-acids, α -Amino-oxyhydrazides, Alkoxyamines, Alkoxydiguanydes and Their Derivatives. S. A. Price, P. Mamalis, D. McHale, and J. Green.
- Analgesic Action of Ethyl 4-Phenylpiperidine-4-carboxylates with Oxygenated 1-Substitutes. A. M. J. N. Blair and R. P. Stephenson.
- Pharmacological Actions of Two New Pethidine Analogues. R. E. Lister.
- The Excretion and Stability to Metabolism of Bretium. W. G. Duncombe and A. McCoubrey.
- The Selective Accumulation of Bretium in Sympathetic Ganglia and Their Postganglionic Nerves. A. L. A. Boura, F. C. Copp, W. G. Duncombe, A. F. Green, and A. McCoubrey.
- The Relationship Between the Chemical Structure and Neurotoxicity of Alkyl Organophosphorus Compounds. D. R. Davies, P. Holland, and M. J. Rumens.
- A Note on the Demyelination Produced in Hens by Dialkylfluorides. M. C. Lancaster.
- The Influence of Thiopentone Anaesthesia on the Blood Lipid and Blood Sugar Level. J. Fodor and D. Grafnetter.
- Apomorphine-induced Pecking in Pigeons. B. N. Dhawan and P. N. Saxena.
- The Bronchoconstrictor Action of Bradykinin in the Guinea-pig. H. O. J. Collier, J. A. Holgate, M. Schachter, and Patricia G. Shorley.
- Potentiation of Sulphadiazine by 2,4-Diamino-6,7-di-isopropylpteridine and Other 6,7-Disubstituted 2,4-Diaminopteridines Against *Eimeria* Infections of Chicks. C. Horton-Smith, P. L. Long, and H. O. J. Collier.
- The Pharmacology of Chymotrypsin Administered by Inhalation. L. Golberg, L. E. Martin, P. Sheard, and C. Harrison.
- Pharmacological Study of a New Antibiotic of Bacillary Origin. Felix Bergmann, R. Reiter, M. Chaimovitz, and David Bermann.
- The Pharmacological Actions of 3,4-Dihydroxyphenyl- α -methylalanine (α -methyldopa), an Inhibitor of 5-Hydroxytryptophan Decarboxylase. S. E. Smith.
- Effect of Denervation and of Cocaine on the Action of Sympathomimetic Amines. B. C. R. Strömblad.
- Effects of Ergometrine (Ergonovine) on the Isolated Atherosclerotic Heart of the Cholesterol-fed Rabbit. Dorothy Karp, Seymour H. Rinzler, and Janet Travell.
- The Effect of Temperature on the Direct Muscle Twitch Response and the Action of Drugs on the Isolated Denervated Rat Diaphragm. E. Leticv.
- The Effect of Enzyme Inhibitors on Histamine Catabolism in Man. S. E. Lindell, Karen Nilsson, B.-E. Roos, and H. Westling.
- Supersensitivity of the Submaxillary Gland Following Exclusion of the Postganglionic Parasympathetic Neurone. N. Emmelin.

Volume 15, No. 2. (Quarterly; £4 4s. annually.)

BRITISH HEART JOURNAL

- Endomyocardial Fibrosis in Kenya and Tanganyika Africans. By Peter P. Turner and P. E. C. Manson-Bahr.
- The Electrocardiogram in Endomyocardial Fibrosis. By A. W. Williams and K. Somers.
- The Electrocardiogram in Subarachnoid Haemorrhage. By Sam Shuster.
- Congenital Bicuspid Aortic Valves. By L. G. Bentivoglio, J. Sagarmiraga, J. Urlicchio, and H. Goldberg.
- Congenital Cardiac Malformations in Mongolism. By J. M. Berg, L. Crome, and N. E. France.
- A B C Leads in Ischaemic Heart Disease. By W. M. Lancaster, T. Semple, and J. C. C. Kelly.
- Idiopathic Hyperkinetic State: a New Clinical Syndrome. By Norman Brachfeld and Richard Gorlin.
- Immediate and Remote Effects of Rejection on the Hypertension in Coarctation of the Aorta. By H. W. March, H. N. Hultgren, and F. Gerbode.
- Coronary Arterio-Cameral Fistula. By C. S. Muir.
- Drainage Pathways of Pulmonary Veins in Atrial Septal Defect. By E. Braunwald, C. R. Lombardo, and A. G. Morrow.
- The Transverse Diameter of the Heart in Older People. By N. R. Cowan.
- The Opening Snap in Mitral Incompetence. By P. G. F. Nixon, G. H. Wooler, and L. R. Radican.
- Obstructive Cardiomyopathy Simulating Aortic Stenosis. By J. F. Goodwin, A. Hollman, W. P. Cleland, and D. Teare.
- Electrocardiograms of Healthy Men after Strenuous Exercise. By C. A. Rumball and E. D. Acherson.
- Sir William Hume. By W. G. A. Swan.
- Case Reports
- Isolated Laevocardia with Situs Inversus Viscerum. By M. J. T. Fitzgerald.
- Laevocardia with Transposition of the Abdominal Viscera. By Maurice Campbell.
- Dissecting Aneurysm of the Coronary Artery in Arachnodactyly. By Florence McKeown.
- Saccular Dissecting Aneurysm of the Ascending Aorta. By G. H. B. Baker and B. S. L. Kidd.
- Iron Incrustation of the Pulmonary Vessels in Patent Ductus Arteriosus with Congenital Mitral Disease. By K. W. Walton and D. Heath.
- Primary Pulmonary Hypertension with Obstructive Venous Lesions. By D. B. Brewer and D. R. Humphreys.

Volume XXII, No. 3. (Quarterly; £3 annually.)

BRITISH JOURNAL OF PREVENTIVE AND
SOCIAL MEDICINE

- The Human Factor in Shipwrecks and Other Accidents to Ships. A. Otterland and the late B. Roos.
- Smoking Habits Related to Injury and Absenteeism in Industry. C. R. Lowe.
- Consumption of Medicines on a Working-class Housing Estate. M. Jefferys, J. H. F. Brotherton, and A. Cartwright.
- Location of the Adventitious Factors in Haemolytic Disease of the New-born. G. Knox, S. Murray, and W. Walker.
- Premature Birth and Subsequent Admission to Hospital. S. T. Winter and W. Mainzer.
- The Families of Dull Children. Z. Stein and M. Sussner.
- Sickness Absence among Hospital Nurses. A. Barr.

Volume 14, No. 2. (Quarterly; £3 annually.)

JOURNAL OF NEUROLOGY, NEUROSURGERY
AND PSYCHIATRY

- Relief of Pain and Paraesthesiae by Nerve Block Distal to a Lesion. R. E. Kibler and P. W. Nathan.
- Spasticity and Rigidity: An Experimental Study and Review. Geoffrey Rushworth.
- The Effect of Changes in Serum Potassium Upon Myotonia. Peter Leyburn and John N. Walton.
- Studies on Intermediate Carbohydrate Metabolism in Multiple Sclerosis. B. McArdle, I. C. K. Mackenzie, and G. R. Webster.
- The Surgical Approach to Thoracic Intervertebral Disc Protrusions. Allan Hulme.
- Lumbar Disc Protrusions in Pregnancy. J. E. A. O'Connell.
- The Influence of a Vascular Factor on the Distribution of Symmetrical Cerebral Calcifications. R. M. Norman and H. Ulrich.
- Ascending Nerve Roots. J. D. Reid.
- Abnormality of the Blood-cerebrospinal Fluid Barrier of Patients Suffering from a Depressive Illness. A. J. Coppen.
- Adaptation to Postural Change in Psychiatric Patients. A. G. Mezey and P. H. Melville.
- The Specificity of Reserpine in the Treatment of Schizophrenia in Identical Twins. S. Benaim.
- Malignant Change in an Intracranial Epidermoid. S. I. Davidson and J. M. Small.
- Giant Mucocoele of the Frontal Sinus. George W. Smith and Marcelino Chavez.
- Book Reviews.

Volume 23 (new series), No. 2. (Quarterly; £3 annually.)

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.

Tuesday, July 12

ROYAL COLLEGE OF PHYSICIANS OF LONDON.—5 p.m., Bertram Louis Abrahams Lecture by Professor Henry Barcroft, F.R.S.: The Nervous Control of the Cutaneous Vessels.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—5 p.m., special lecture by Professor G. D. Robb: The Differential Incidence of Surgical Conditions as Between Maori and White People.

Wednesday, July 13

● GUY'S HOSPITAL MEDICAL SCHOOL.—At Physiology Lecture Theatre, 5 p.m., 14th Addison Lecture by Sir Charles Dodds, F.R.S.: Thomas Addison.

● LONDON HOSPITAL MEDICAL COLLEGE.—At College Hall, Ashfield Street, E., 5.15 p.m., Schorstein Memorial Lecture by Sir Macfarlane Burnet, O.M., F.R.S.: Tissue Transplantations: Potentialities and Limitations. (Tickets from Secretary of College.)

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—3.30 p.m., Bernhard Baron Lecture by Professor David Slome: Experimental Research at the Buckston Browne Farm.

ROYAL FREE HOSPITAL, Gray's Inn Road, W.C.—5.15 p.m., Dr. J. R. K. Preedy (Atlanta): Oestrogen Metabolism in Man.

Thursday, July 14

GROUP FOR REPRESENTATION OF THE VIEWS OF CLINICAL PSYCHIATRISTS.—At County Hall, Westminster, S.W. (Principal floor: See notice-board at Belvedere Road entrance), 5.15 p.m., annual general meeting.

LONDON UNIVERSITY.—At St. Thomas's Hospital Medical School, 5.30 p.m., special university lecture in medicine by Professor R. Warren (Harvard): Morphologic Studies of Arteriosclerosis Obliterans.

Friday, July 15

BIOCHEMICAL SOCIETY.—At Department of Physiology, Bristol University, 10.45 a.m., meeting.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—4 p.m., Charles Tomes Lecture by Mr. Terence Ward: Surgery of the Mandibular Joint.

BIRTHS, MARRIAGES, AND DEATHS

DEATHS

- Cooper.—On June 11, 1960, at Henley-on-Thames, Walter Edward Cooper, M.R.C.S., L.R.C.P.
- Eden.—On June 9, 1960, in hospital at Coventry, Louis Thomas Eden, M.B., Ch.B., of Lime Villa, Wootton Court, Leek Wootton, Warwickshire, formerly of Coventry.
- Jones.—On June 6, 1960, Edmund Mervyn Jones, M.R.C.S., L.R.C.P., D.P.H.
- Keyms.—On June 12, 1960, at his home, Oyster Haven, St. Mawes, Cornwall, John Johnstone Keyms, L.R.C.P.&S.I. and L.M., L.D.S., late of Richmond, Surrey.
- Measham.—On May 24, 1960, John Eric Measham, M.D.
- Williams.—On June 4, 1960, at Brisbane, Queensland, Australia, Cyril Henry Williams, M.B., Ch.B., D.T.M.&H., D.P.H., late of Colonial Medical Service, Malaya.