

and regurgitation which I never before possessed. To hear a murmur is a very different matter from feeling the blood itself pouring back over one's finger. I could not help being impressed by the mechanical nature of these lesions and by the practicality of their surgical relief" (*British Medical Journal*, 1925, 2, 603).

There was a wealth of meaning in those words; there is today. However, he never got another case, largely because the physicians had a fixed idea that the muscle rather than the valve was the villain of the piece. Two decades later Charles P. Bailey performed a series of mitral valvotomies in Philadelphia. There is a fascinating account of these, including the story of Bailey going round to his second hospital to carry out a second, and this time successful, operation for mitral stenosis before news of the unhappy outcome of the first operation had

arrived. This period is full of spectacular advances. Each represents a major victory, often in the face of considerable professional scepticism.

One outstanding example of the massive and fundamental contributions of the founding fathers is the work of Brock. With a courage that was as relentless as his logic he pressed home his direct attack on the problem of infundibular obstruction in Fallot's tetralogy, in spite of the brilliantly successful Blalock shunt. It was many, many years before the full significance of this was fully appreciated. He also pioneered a host of other techniques, some of which are recorded in this book.

The last chapter is an account of the struggle to develop a reliable method of allowing the heart to be taken out of com-

mission while it was operated on. The design of an efficient "heart-lung machine" to simulate the work of those organs took many years, and indeed even today they are far from perfect. John Gibbon devoted many years to working on such a system, first in the laboratory then in the clinical theatre. The chapter describes his efforts as well as other work on both sides of the Atlantic.

The saga of the early days of cardiac surgery will no doubt be recorded in many ways. Whole books have been written on many of the techniques Johnson has been able to write only a line about. However, this version is written in an interesting and stimulating way and will appeal to students of medicine of all ages.

A. H. B. DE BONO

Guide to Neurology

Lecture Notes on Neurology. 3rd edn. Ivan T. Draper, M.B., Ch.B., F.R.C.P.Ed: (Pp. 231; 30s.) Blackwell.

Dr. Draper has written a most useful primer in neurology. It can be strongly recommended as a guide to essentials for the harassed undergraduate student, excellent examination revision for the post-

graduate, and commuting-time reading for the established practitioner of neurology. It will serve as a vade mecum for the busy house physician. Nurses and speech, occupational, and physiotherapists will, together with their medical colleagues, find much up-to-date basic information on clinical neurology clearly and concisely set out. The line diagrams are excellent yet

simple, as needs be in lecture notes, and as a result knowledge of the applied anatomy of, say, the seventh cranial nerve can be painlessly and quickly mastered. The author has shown much skill in compilation, for hardly anything of clinical importance has been omitted from this small volume.

L. J. HURWITZ

Geriatric Nursing

The Nursing of the Elderly Sick. T. N. Rudd, M.D., F.R.C.P. (Pp. 155; 30s.) Faber & Faber, 1970.

This little book is perhaps the best introduction to geriatric nursing so far written. Its author is our leading philosopher about the care of elderly patients, and his humane thought shines through its pages time and

again. The 16 chapters cover every aspect of the nursing care of old people. Such difficult topics as pressure sores, incontinence, restlessness, accidents, mental changes, and rehabilitation are discussed very soundly. In fact the chapter on incontinence of faeces is the best account yet given on this subject. But the outstanding parts of this volume are those dealing with the general approach to

elderly patients, the description of modern geriatrics, as opposed to mere custodial care of the chronic sick, and the psychological climate needed for the rehabilitation of old people. There are many doctors who would profit by reading this latest edition of Dr. Rudd's book.

TREVOR H. HOWELL

Surgeon's Reminiscences

Mayo: The Story of My Family and My Career. Charles W. Mayo. (Pp. 296; 50s.) Hodder & Stoughton. 1970.

The Mayo Clinic has made a considerable contribution in surgery and medicine to the world in general and North America in particular, setting an example in highly efficient group practice. The doctors on its staff are reasonably remunerated and have no secretaries to pay, files to keep, or consulting rooms to rent. They can thus concentrate entirely on the practice of medicine and on research, being constantly stimulated to high endeavour by the friction of mind

on mind and the clash of personalities of their skilled colleagues. The author of this book—Dr. Charles ("Chuck") Mayo—worthily maintained his birthright and in his immensely strenuous life made a significant contribution to the surgery of the colon and latterly took an active part in the public affairs of the United States.

"Composition," as Samuel Johnson said, "is for the most part an effort of slow diligence to which the mind is dragged by necessity or resolution," and on the whole it is true that what is written without effort is in general read without pleasure. This book gives the impression of having been dictated

with facile speed into a tape machine. The first three chapters are largely concerned with the author's grandfather and the foundation of the Mayo Clinic by his famous father and uncle, and are of considerable historical interest. The remaining 12 chapters are autobiographical, and autobiography is a very difficult art. Few have the genius in this respect of a Pepys or a Boswell. This reflection has not deterred medical men recently, for in the last year I have read four new medical autobiographies from various parts of the world, none of which has appealed; nor did this one prove an exception.

DERRICK DUNLOP

BOOKS RECEIVED

Books noticed here may be reviewed later

Manual of Clinical Laboratory Procedures. 2nd edn. Co-editors Willard R. Faulkner, Ph.D., and John W. King, M.D., Ph.D. (Pp. 353; No price) The Chemical Rubber Co. 1970.

The Face in Genetic Disorders. Richard M. Goodman, M.D., and Robert J. Gorlin, D.D.S., M.S. (Pp. 169; 171s.) Henry Kimpton. 1970.

The Care of Hand Infections. Joan Sneddon. (Pp. 88; 26s.) Edward Arnold. 1970.

Helping the Aged. E. M. Goldberg. (Pp. 216; 65s.) George Allen & Unwin. 1971.

Electrotherapeutic Sleep and Electroanesthesia. Ed. F. M. Wagender and St. Schuy. (Pp. 357; 197s.) Excerpta Medica. 1970.

Homo Psychologicus. John Cohen. (Pp. 192; 50s.) George Allen & Unwin. 1971.

Biochemical Screening in Relation to Mental Retardation. Ed. D. C. Cusworth, B.Sc., Ph.D. (Pp. 39; 18s.) Pergamon Press. 1971

Dental Charges

Sir KEITH JOSEPH answering a question on 2 February, said the new system of dental charges would give a financial incentive

to patients to look after their teeth, and should therefore have a beneficial effect on dental health. Two-thirds of treatments

would remain either free or be at a lower cost than they were under the previous Government.

MEDICAL NEWS

Pharmaceutical Exports

Figures released by the Association of the British Pharmaceutical Industry show that pharmaceutical exports from the United Kingdom, including antibiotics, vitamins, hormones, vaccines, and animal health products, brought in £140.3 m. in 1970. This is an increase of 18% over the 1969 record exports of £119 m., and the figures omit substantial invisible earnings and royalties from overseas subsidiary companies. Commenting on the results the A.B.P.I. president, Mr. G. J. Wilkins, said that they represented real gains, uninfluenced by devaluation or inflation, because export prices have remained stable or fallen. Exports had now caught up with sales to the N.H.S. However, the president said that Britain's major competitors, Germany and Switzerland, have a higher rate of export growth, and Switzerland took third place in the "world league" in 1968, ahead of the United Kingdom.

Alleged Abuses by Consultants

Sir Keith Joseph, Secretary of State for Health and Social Security, is prepared to investigate any specific allegations of abuse by consultants of N.H.S. facilities for private practice. He made this clear in reply to a letter from the Junior Hospital Doctors' Section of the Medical Practitioners Union which had alleged that consultants used N.H.S. premises and staff to treat private patients without paying for their use.

B.M.A. Film Library

The following films have been added to the B.M.A. Film Library: "Protein and Health," "Examination of the Central Nervous System," "Total Knee Replacement," and "Surgical Treatment of Movement Disorders."

Secretary-General, I.P.P.F.

The International Planned Parenthood Federation has appointed Miss Julia Henderson as its secretary-general, in succession to the late Sir David Owen. She is the first woman to occupy this office.

Miss Henderson, an American citizen, who is a graduate of Illinois and Minnesota Universities, was previously with the United Nations for 25 years. As secretary-general of the I.P.P.F. she will head a federation of national family planning associations from 72 countries and administer a budget estimated for 1971 at over £5½ million. At a recent press conference Miss Henderson expressed disappointment at the level of priority so far given to population problems by members of the United Nations.

Food and Nutrition Research

The Agricultural Research Council and the Medical Research Council have set up a Joint Committee on Food and Nutrition

Research to advise them on research and its promotion. Under the chairmanship of Professor A. Neuburger, F.R.S., members of the committee will include scientists from the fields of medical, nutritional, and food research, including those from industry and universities, who will serve in their personal capacities and not as representatives of particular organizations.

SOCIETIES AND LECTURES

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

Monday, 15 February

INSTITUTE OF DERMATOLOGY.—4.30 p.m., Dr. W. C. Noble: Control of Skin Infection.
ROYAL COLLEGE OF SURGEONS OF ENGLAND.—5 p.m., Hunterian oration by Sir Hedley Atkins: The Attributes of Genius, from Newton to Darwin.
ROYAL POSTGRADUATE MEDICAL SCHOOL.—4 p.m., Dr. J. L. H. O'Riordan: Parathyroid Hormone and Hyperparathyroidism.

Tuesday, 16 February

MEDICO-CHIRURGICAL SOCIETY OF EDINBURGH.—At 7 Drumsheugh Gardens, meeting with B.M.A., Brains Trust.
ROYAL ARMY MEDICAL COLLEGE.—5 p.m., Dr. R. G. Bannister: Low Blood Pressure.
ST. CHARLES'S HOSPITAL MEDICAL CENTRE, LONDON.—8.45 p.m., Dr. D. J. Galton: Obesity and Diabetes.

Wednesday, 17 February

INSTITUTE OF DERMATOLOGY.—4.30 p.m., Dr. R. S. Wells: Principles of Human Genetics.
INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Dr. E. E. Keal: Suppurative Lung Disease.
INSTITUTE OF NEUROLOGY.—6 p.m., Dr. R. P. Michael: Oestrogens and Central Nervous System; 7 p.m., Dr. E. R. Bickerstaff: Neurological Complications of the Contraceptive Pill.
INSTITUTE OF PSYCHIATRY.—5.30 p.m., Dr. Ruth Harris: Electrophysiological Techniques in Assessment of Developmental Problems in Childhood.
OXFORD UNIVERSITY.—At Radcliffe Infirmary, 5 p.m., Litchfield lecture by Mr. J. P. Mitchell: Trauma to the Urinary Tract.
ROYAL COLLEGE OF SURGEONS OF ENGLAND.—5 p.m., Urology lecture by Mr. W. Keith Yeates: Disorders of Bladder Function.
ROYAL FREE HOSPITAL.—5.15 p.m., Professor H. De Wardener: Calcium and Phosphorus Metabolism in Chronic Renal Failure.
ROYAL POSTGRADUATE MEDICAL SCHOOL.—11.45 a.m., Clinicopathological conference by Dr. P. J. L. Holt: Amyloidosis; 2 p.m., Professor J. F. Smith: Renal Scars, Macro and Micro.
TUNBRIDGE WELLS POSTGRADUATE CENTRE.—At Kent and Sussex Hospital, 12.45 p.m., Mr. B. G. Pickles: Complications of Early Pregnancy.*

Thursday, 18 February

DUNDEE UNIVERSITY.—At Medical Sciences Institute, 5 p.m., Professor M. Shepherd: Mental Disorder, Social Values and Medical Care.
EDINBURGH UNIVERSITY MEDICAL STUDENTS' COUNCIL.—At Appleton Tower, George Square, 5.15 p.m., B.M.A. lecture by Professor I. H. Mills: Human Lemmings and Sexless Women.
ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE.—7.30 p.m., paper and discussion by Professor M. S. R. Hurt: Some Aspects of Liver Disease in Ugandan Africans.

Friday, 19 February

NEWCASTLE UPON TYNE REGIONAL NEUROLOGICAL CENTRE.—At Newcastle General Hospital, 5.30 p.m., Dr. N. Cartledge, Miss J. Partridge: Sequelae of Head Injury, Neurological, Psychiatric and Social.
ROYAL POSTGRADUATE MEDICAL SCHOOL.—11 a.m., Professor P. Sandblom (Lund): Haemobilia; 4 p.m., Professor W. B. Matthews: Jacob-Creutzfeldt Disease—a Transmissible Disease?

UNIVERSITIES AND COLLEGES

GLASGOW

M.D.—1J. Bonnar, 2W. C. Dick, 2C. R. Gillie, 2R. McG. Harden, 1A. C. F. Kenmure, 1D. A. Stuart-Smith, 1F. Walker
Ch.M.—2G. Hannah, 1R. Kernohan.
Ph.D.—In the Faculty of Medicine: W. R. Greig, M.B., Ch.B.—M. T. Borodzicz, F. R. Lee, R. S. Morrison, C. G. Nisbet, A. A. Pollock, M. S. Ahluwalia, C. C. Anikwue.
1With honours. 2With commendation.

ROYAL COLLEGES OF PHYSICIANS OF THE UNITED KINGDOM

At a meeting of the Royal College of Physicians of London held on 28 January, at a meeting of the Royal College of Physicians of Edinburgh held on 4 February, and at a meeting of the Royal College of Physicians and Surgeons of Glasgow held on 1 February the following were elected Members of the Royal Colleges of Physicians of the United Kingdom:

E. R. Aihie, M. A. Albar, Z. Y. Almallah, M. Y. Alvi, G. Ananthasivan, Esther Y. Archer, B. E. Ariotti, O. Bademosi, C. C. Bailey, R. St. C. Barnettson, D. B. Barnett, J. J. Barrett, R. E. Barry, R. A. F. Bell, D. Bentley, Valerie J. Beral, B. Biland, R. B. Blake James, Joan E. Box, T. S. Brown, M. J. Brueton, B. J. Burke, R. B. Burnet, A. Calin, D. Carr, D. B. Carseldine, J. Chakraborti, S. Chan, A. A. Choudhury, H. El-Din A. M. Churmuckly, R. A. Clark, H. B. Coakham, Rebecca E. I. Cochran, N. J. Cooke, M. A. Cresswell, A. G. Cudworth, J. L. Cunningham, Mary T. Cunningham, A. J. G. Da Costa, B. H. Davies, J. R. Davies, N. S. De Silva, F. Dindar, F. F. T. Djabanor, S. K. Dubey, B. P. Dunn, J. P. Dymond, Rosemary A. Eames, J. E. Ellis, T. R. Evans, T. G. Feest, L. G. Fine, A. Fleming, J. G. Fleming, P. Fok, C. K. A. Foote, G. K. Freeman, W. N. Gardner, C. S. Garrard, A. J. M. A. Ghaffar, Jennifer M. D. Gibson, S. P. Goyal, W. C. Gracey, M. C. Gregory, K. K. Gupta, Harriet M. Hargreaves, Elizabeth J. L. Heathcote, J. T. Henderson, A. B. T. Heng, Dorothy J. Hetherington, J. A. Holmes, C. A. Hughes, H. N. C. Ihenacho, R. G. G. James, M. Joffe, A. O. K. Johnson, P. G. B. Johnston, B. R. Jones, Pamela A. Jones, Ruth E. Jones, D. H. M. Joynson, P. I. M. Keir, V. K. Kejriwal, A. T. Kerigan, F. Kerr, M. C. Kew, K. S. Krishna Murthy, T. K. Kuruvilla, J. J. Landreth, J. F. Lewis, Gloria K. F. Loke, R. A. Lucas, A. J. McMichael, A. E. Majekodunmi, Margaret R. Malcolm, P. P. Mayer, K. K. Mehra, P. R. Mehta, D. G. Model, M. E. Molyneux, W. L. Morison, S. M. G. Mwinzi, Seeniar Navaratnam, C. L. Newman, D. A. G. Newton, A. K. M. Nurennabi, J. O'Donnell, N. S. Palta, M. U. Pargaonkar, K. R. Patel, J. M. S. Patton, Susan F. Pearsall, J. Pemberton, P. J. Pemberton, T. G. M. Perham, A. M. E. Pichanick, J. G. Pickering, Anne J. Pickersgill, C. M. Press, M. S. A. Qureshi, M. M. Raichura, K. B. Ramanathan, J. F. Reidy, A. R. Rhymer, Marguerite M. Roberts, E. MacD. Ross, J. A. Russell, M. H. Saleemi, M. H. Seifert, A. S. C. Sekar, P. S. Sever, M. A. Sevirt, R. J. Seymour, D. J. Shapiro, C. J. Sharpe, B. M. Shiddibhavi, Joan C. Shilleto, J. R. Sibert, B. Singer, P. D. N. Singh, O. A. O. Smith, P. J. South, Elizabeth M. Spiers, A. T. Stanway, B. Starzecki, K. O. Sullivan, M. L. Sutton, M. K. Tanna, Ioan T. Thomas, J. Thomas, D. A. Tibbutt, P. J. B. Tilley, J. H. Tripp, S. C. Ungar, F. R. Vicary, N. J. Wald, A. Weinstein, N. M. White, J. L. Wilkinson, D. N. Williams, J. B. Wilson, J. A. Woitulewski, A. D. H. Wyllie, Susan E. J. Young, J. S. Yudkin, S. K. Yue, A. Qudus, S. N. Verma.

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