

characteristics. A chapter on tumour-forming viruses is included and possibilities of virus chemotherapy are sketched out.

The text is excellently set out and printed, and therefore a pleasure to read. Yet it is difficult to recommend Dr. Cohen's book to all medical readers. Much will depend on the policy and prejudices of the reader. Some will reject much of the technical matter as unwanted in a present-day medical course; others will resent the absence of biological argument and discussion; yet others will find that this straightforward book fits their bill of fare for medical classes.

K. B. FRASER.

Medical Lessons of the Second World War

Medical Services in War. The Principal Medical Lessons of the Second World War. Edited by Sir Arthur Salusbury MacNalty, K.C.B., and W. Franklin Mellor. (Pp. 781 + xviii. 160s.) London: H.M.S.O. 1969.

The activities of the Commonwealth Official Medical Historical Liaison Committee have resulted in the publication of 36 volumes concerning the medical participation of the

nations of the British Commonwealth during the 1939-45 war. Some 20 volumes have appeared in the United Kingdom series. With the exception of the statistical volume now in manuscript, this book represents the completion of a gigantic co-ordinated editorial effort under the late Sir Arthur MacNalty, the editor-in-chief. He himself wrote a substantial portion of this book, which is an epitome of all the others published by the British Government and by the Governments of Australia, Canada, India, and New Zealand. It claims to set forth the main lessons to be learned from that war, and suggests that in later wars with new weapons many of these lessons will not be out of date.

In the introduction Lord Portal points out that in no previous war were the whole resources of the nation brought to bear on achieving victory. He believes that the greatest practical advances in medicine were in the control of malaria and in the production of antibiotics. Malaria infection was kept in check among the Allied troops even in hyperendemic areas where otherwise disease instead of force of arms might have been decisive. Professor Crew maintains that vaccination and inoculation have become the means whereby man can be equipped with new biological qualities enabling him to flourish in strange ecological systems. The

great part played by blood transfusion both on the home front and in the field is emphasized, as is the major role of psychiatry and psychology in personnel selection and, close to the front line, in dealing with psychiatric trauma. Gregg, of the Rockefeller Foundation, noted that "the greatest unpleasant surprise of the war for medical men was the importance of psychiatry and psychology so greatly neglected in the past."

Some authorities claim that the most economical and efficient use of medical resources is rendered impossible by the division of the defence medical services into three. In every theatre there should be one head of medical services. The suggestion is made that in future consultants and general-duty medical officers should be obtained from civil sources, and that the medical officers of the regular armed Forces should consist of a "core" of experts highly trained in logistics, administration, and military planning.

Even if one accepts the Hegelian view that peoples and governments have never learned anything from history or acted according to its lessons, this volume, the distillate of the experience of many nations, is well worthy of study and is a great credit to its editor-in-chief.

GEORGE R. MCROBERT.

Books Received

Books noticed here may be reviewed later.

Respiratory Failure. By M. K. Sykes, F.F.A.R.C.S., M. W. McNicol, M.R.C.P., and E. J. M. Campbell, F.R.C.P. (Pp. 373 + x; illustrated. 55s.) Oxford: Blackwell. 1969.

Automatic Ventilation of the Lungs. 2nd edition. By W. W. Mushin, F.F.A.R.C.S., L. Rendell-Baker, F.F.A.R.C.S., Peter W. Thompson, F.F.A.R.C.S., and W. W. Mapleson, Ph.D., F.Inst.P. (Pp. 841 + xvi; illustrated. 155s.) Oxford: Blackwell. 1969.

Infectious Diseases. An Epidemiological Approach. By Wilfrid H. Parry, M.D., D.P.H., D.T.M.&H. (Pp. 784 + xiv. Paperback, 21s.; hardback, 32s.) London: English Universities Press. 1969.

Practical Bacteriology. By Nuala Crowley, F.C.Path., Jean M. Bradley, M.C.Path., and J. H. Darrell, M.C.Path., D.C.H. (Pp. 238 + v; illustrated. 50s.) London: Butterworths. 1969.

Progress in Clinical Surgery. Series III. Edited by Rodney Smith, M.S., F.R.C.S. (Pp. 351 + viii; illustrated. 80s.) London: J. & A. Churchill. 1969.

Atherosclerosis. Pathology, Physiology, Aetiology, Diagnosis, and Clinical Management. Edited by F. G. Schettler and G. S. Boyd. (Pp. 1029 + xx; illustrated. 470s.) London: Elsevier. 1969.

ABC of the ECG. A Guide to Electrocardiography. By J. Boutkan, M.D. (Pp. 204 + viii. 46s.) London: Macmillan. 1969. Eindhoven, The Netherlands: Philips' Technical Library.

Hospitalization and Discharge of the Mentally Ill. By R. S. Rock, M. A. Jacobson, and R. M. Janopaul. (Pp. 268 + xix. 90s.) London: University of Chicago Press. 1969.

Introduction to Health Physics. By Herman Cember. (Pp. 422 + xi; illustrated. 100s.) Oxford: Pergamon Press. 1969.

The Floppy Infant. Clinics in Developmental Medicine, No. 31. By Victor Dubowitz, M.D. (Pp. 109; illustrated. 42s. 6d.) London: Spastics International Medical Publications. 1969.

The Principles of Ophthalmic Lenses. Vols. 1, 2, and 3. By M. Jalie, F.A.D.O. (Pp. 1-797; illustrated. 25s. each, or 70s. three vols.) London: Association of Dispensing Opticians. 1969.

Cerebral Circulation. Progress in Brain Research. Vol. 30. Edited by W. Luyendijk. (Pp. 511 + xvi; illustrated. 225s.) London: Elsevier. 1968.

On Human Symbiosis and the Vicissitudes of Individuation. Infantile Psychosis. By Margaret S. Mahler, M.D. (Pp. 271 + xi. 55s.) London: Hogarth Press. 1969.

Senile Dementia. Clinical and Therapeutic Aspects. Edited by C. Muller, M.D., and L. Ciompi, M.D. (Pp. 151; illustrated. DM. 32.) Bern and Stuttgart: Hans Huber. 1969.

Illustrated Manual of Laboratory Diagnosis. By R. Douglas Collins, M.D. (Pp. 299 + xv; illustrated. 210s.) London: Pitman. 1969. Philadelphia: J. B. Lippincott.

Surgical Clinics of North America. Vol. 49, No. 1. Endocrine Surgery. Edited by Rene Menguy, M.D., and Edward Paloyan, M.D. (Pp. 209 + viii; illustrated. No price given.) Philadelphia and London: W. B. Saunders. 1969.

Medicine, Biology, and Surgery. At the Carlo Erba Foundation. Proceedings of the First Five Years' Symposia. Edited by Professor Carlo Sirtori, M.D., F.I.A.C. (Pp. 1314. Free of charge.) London and Milan: Carlo Erba. 1969.

Acid-Base Chemistry in Medicine. By Wilhelm R. Frisell, Ph.D. (Pp. 118 + x; illustrated. 30s.) London: Collier-Macmillan. 1969.

Studies in Word Association. Experiments in the Diagnosis of Psychopathological Conditions carried out at the University of Zurich under the direction of C. G. Jung, M.D., LL.D. (Pp. 575 + ix. 70s.) London: Routledge & Kegan Paul. 1969.

Physiology of the Gastrointestinal Tract. By E. Clinton Texter, jun., M.D., F.A.C.P., et al. (Pp. 262 + ix; illustrated. 97s.) London: Henry Kimpton. 1969.

Abnormal Arteriovenous Communications. Peripheral, Intracardiac Acquired, and Congenital. By Emile Holman, A.B., M.A.(Oxon.), M.D. (Pp. 245 + x; illustrated. \$16.50.) Springfield, Illinois: Charles C. Thomas. 1969.

Methods and Achievements in Experimental Pathology. Vol. 4. Examples of Descriptive and Functional Morphology. Edited by E. Bajusz and C. Jasmin. (Pp. 256 + iv; illustrated. 156s.) Basle and New York: S. Karger. 1969. U.K.: Academic Press.

Appraisal of Current Concepts in Anesthesiology. Edited by John Adriani, M.D. Vol. 4. (Pp. 464 + xii. 108s.) London: Henry Kimpton. 1969.

Practical Urology. By Chester C. Winter, M.D., F.A.C.S. (Pp. 249 + vii; illustrated. 99s.) London: Henry Kimpton. 1969.

Symposia Series in Immunobiological Standardization. Vol. 11. International Symposium on Rubella Vaccines. Edited by R. H. Regamey. (Pp. 472 + viii; illustrated. 120s.) Basle and New York: S. Karger. 1969. U.K.: Academic Press.

Renal Disease in Childhood. By John A. James, D.C.H. (Pp. 371 + ix; illustrated. 166s.) London: Henry Kimpton. 1969.