

## BOOK REVIEWS

## ENDOCRINE MAN

## (A Study in the Surgery of Sex)

By L. R. BROSTER, O.B.E., D.M., M.Ch., F.R.C.S. Wm. Heinemann, London, 1944. Price 12s. 6d.

The advance in research into the functions of the endocrine glands has opened up such a vast field of biological knowledge and speculation that any book which attempts to find a proper place for endocrinology in the biological approach to the study of life is bound to be welcome. It is doubtful if any one reviewer has the knowledge to assay the degree of success that the author has achieved in the wider aspects of his presentation, and this review is therefore more interested in the endocrine aspects to which the author has made notable contributions, namely in the surgery of the adrenal glands. The author's study of hermaphroditism and sex reversal in fish and fowl are interesting and illuminating, and it is not easy to realise that "in 1478 a cock was sentenced and burned to death at the stake in Basle for the heinous and unnatural crime of laying an egg." On p. 67 there is a reference to the anti-hormones of Collip and a supposition that they exist normally in the body, whereas it is now generally held that they are more probably anti-hormonic substances, generated when hormones obtained from the gland of a different species are injected.

In an introduction to a study of the individual endocrine glands, the author claims that his remarks will not be detailed or advanced, but "a kaleidoscope picture of impressions gathered in the pursuit of practical clinical application." This modest approach must temper a critical review, but unfortunate errors have crept in, as p. 72—"Posterior lobe extracts are said to cause hypertrophy of the interstitial tissue of the testes," and p. 78—"Recent work on testicular tumours has shown that some forms actually secrete hormonal substances such as prolactin." Nevertheless, the general review for the uninitiated is interesting and stimulating, and in the field of surgery of the adrenal gland the author finds himself in a fascinating field of endocrinology with which he is very familiar and to which, together with his colleagues, he has made notable contributions.

## ESSENTIALS OF SYPHILOLOGY

By R. H. KAMPMEIER. Blackwell, Oxford. 1944. Price 25s.

This excellent little monograph of some 500 pages is written for the general practitioner and student. As stated in the preface it is not meant to be a treatise, and within its self-imposed limitations it succeeds admirably in presenting syphilis as it is met with in general practice.

The lay-out is good, the print is clear, the index is adequate and it contains 87 useful diagrams and photographs. The latter should be of real assistance to those who have a nodding acquaintance of the manifestations of the disease.

Little adverse criticism can be made of this book

since it gives a sound account of the disease and its treatment, generally illustrated by a précis of case reports relative to the point under discussion. This helpful method of presentation is much to be commended.

The chapter on serological aids to diagnosis is extremely well done, and gives a well balanced account of the value of serum tests from the point of view of the clinician.

The book is suitably rounded off by short chapters dealing with marriage and syphilis, control of syphilis and educational measures relating to patients and public.

In short this book can be thoroughly recommended to all those practitioners who have devoted some of their time to the practical study of syphilology and require a textbook to brush up their knowledge and co-ordinate their ideas.

## HUMAN CONSTITUTION IN CLINICAL MEDICINE

By GEORGE DRAPER, M.D., C. W. DUPERTUIS, Ph.D. J. L. CAUGHEY, M.D. Hamish Hamilton Ltd., London for Paul B. Hober, Inc. New York, 1944. Price 21s.

Judging by the more recent surgical and medical publications, there is obviously a strong and growing trend of medical opinion to revert more and more to biological principles for the explanation and correlation of clinical phenomena. Such a tendency is most welcome for it shows that clinical observation, the very essence of medical science, is alive, stirring and bent on enlarging its outlook. It is a salutary antidote to the present and popular conception that diagnosis is largely a matter of laboratory test tube or other ancillary form of investigation. This is an important omen, for it purposes to study man as a whole as much as the particular disease within him, and conforms to the teaching of Osler to "Look at life as a whole: study its manifestations in order and disorder, in health and disease." By integrating the form and functions of the several systems, a wider survey of disease and reaction and the personality of the individual is obtained. Such a study broadens our knowledge on the part the subconscious animal reactions play in the emotions and instinctive behaviour of man.

With these preliminary remarks, the clinician will gather from this work by a team of Physicians of the Presbyterian Hospital, New York, something of the scope of this well-written and documented book.

Its underlying principle is the study, from the medical point of view, of the individual as a biological unit in relation to the pressure of his environment upon his organs, systems and personality.

The first chapters give useful hints to the clinician for developing his own clinical sense, and adapting it to new methods of investigation. Perhaps the most interesting of these is Somotyping, which takes into account such bodily characters as roundness, muscularity and linearity. Another method includes Anthropometry. Such methods are correlated with clinical observations, physiological and endocrine reactions, genetic control, growth and development, and the mosaic of andrology

whereby individuals are assessed according to the predominance of one or other of their bisexual characters.

These so-called constitutional methods are applied in turn to such medical diseases as peptic ulcers, gall-bladder disease, diabetes, goitre, rheumatoid arthritis, not as individual criteria, but as essentials in arriving at some conception of the individual as a whole.

This book of sound and meritorious work, well presented by authors and publishers alike, deserves wide consideration, for the reader will find not only many thought-stimulating ideas, but scope for clinical improvement.

### REGIONAL ANALGESIA

By H. W. L. MOLESWORTH. H. K. Lewis & Co., London, 1944. Price 8s. 6d.

The main part of this book describes techniques for local analgesia, the descriptions being arranged on a regional basis. There are also chapters on general principles and the principles of the various methods, and the book ends with a short chapter on spinal analgesia. There are many excellent illustrations and photographs; the type is clear and the paper of pre-war quality. Mr.

Molesworth states in the preface that he "has not aimed at writing a text-book, but rather an account of his personal experience with a method which has been interesting and useful." In this, perhaps, lies the chief value of the book; the personal touch is present throughout. Anyone interested in the possibilities of regional anaesthesia should feel stimulated to try out the various techniques: the directions given are clear, concise, and easy to follow, even by those with little or no previous practical experience. They should be of particular use to candidates preparing for the D.A. examination.

There are three points of criticism. First, Mr. Molesworth lists as analgesic drugs Novocain, Tutocain, Percaine and Cocain. One wonders why he does not mention Amethocaine, which has the advantage of combining the rapid action of Novocain with the prolonged action of Percaine. Secondly, combined anaesthesia is dismissed rather summarily as a "compromise!" nevertheless, in the opinion of many, it is the method of choice for the majority of cases, to be avoided only in the very ill or comatose patient. Thirdly, no references are given; this, of course, is a matter of personal choice, but with a small book of this kind it is always convenient if one can refer to larger and more detailed works.

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## NEW PUBLICATIONS

The following books have already appeared or are being published in the near future. Reviews of some of them will be presented in these pages at a later date.

### *The Premature Baby*

1st Edition. By V. MARY CROSSE, M.D. With introduction by Professor LEONARD G. PARSONS. Size: 8 × 5 ins. About 150 pages. Price about 10s. 6d. Publisher: J. & A. Churchill, Ltd.

"... intended for the use of the Medical and Nursing professions, and the statistical summary will be of importance to Medical Officers of Health and others. The author is head of the City Maternity Unit at Birmingham."

### *Intestinal Obstruction*

1st Edition. By JUDSON T. CHESTERMAN, F.R.C.S., F.A.C.S. Size 8½ × 5½ ins. About 150 pages. Price about 10s. 6d. Publisher: J. & A. Churchill, Ltd.

### *What is Life?*

The physical Aspect of the Living Cell. With an Epilogue on Determinism and Free Will, by ERWIN SCHRODINGER, Senior Professor at the Dublin Institute for Advanced Studies. Cr. 8vo. 100 pp. 12 text-figures. 4 plates, one in colour. Price about 6s. Publishers: Cambridge University Press.

"Some of the most recent discoveries and advances in genetics related to structures (within the cell nucleus) known as chromosomes, and the genes of which they are composed. . . ."

### *Forward Surgery in Modern War*

3rd Edition. By W. H. OGILVIE, M.A., M.D., M.Ch., F.R.C.S., etc., Major-General, Consultant Surgeon, Eastern and South-Eastern Commands. Price: 10s. 6d. (5s. 6d. to doctors serving with any of H.M. Forces). Publisher: Butterworth & Co.