

opening and closing the abdomen. This chapter is well illustrated with line drawings showing the various stages of the different operative techniques.

Part 3 deals with vaginal operations for benign disease. The chapter on abortions is sound, practical, and well formulated. Congenital absence of the vagina and Wharton's operation for construction of a vagina are described in a very practical way.

In Part 4 the treatment of pelvic tumours is discussed at length.

There is an extensive bibliography at the end of the volume. The index is comprehensive.

This work includes abundant information on surgical pathology, diagnosis, endocrinology, and psychiatry in relation to gynaecological operative procedures.

This excellent work will appeal to all those who are interested in pelvic surgery.

**The Artificial Cardiac Pacemaker.** By H. J. THALEN, M.D., J. W. VAN DEN BERG, D.Sc., J. N. HOMAN VAN DER HEIDE, M.D., and J. NEUEN, M.D., University of Groningen, The Netherlands.  $6\frac{1}{2} \times 9\frac{1}{2}$  in. Pp. 359+iv, with 135 illustrations. 1970. London: William Heinemann Medical Books Ltd. £6.30 (£6 6s.).

This book fills a gap in our medical literature concerning artificial cardiac pacemakers.

A very comprehensive review of the literature of cardiac stimulation down the ages is given prior to the introduction of a stimulator. Much animal experimentation has taken place during the past two decades both by physiologists and thoracic surgeons, and much more is planned for the future.

There is a very good and practical account of the transmission of the stimulation impulse from the stimulator to the electrode in the heart. This section is concluded with a discussion of the basic stimulator and the stimulators which have been developed from it, like the P-wave triggered and R-wave controlled pacemaker and the pacemaker enabling threshold analysis.

The operative procedure of pacemaker implantation is well described and the monitoring of the pacemaker patient is well illustrated.

This book will become the reference volume on the artificial cardiac pacemaker.

**Progress in Pediatric Radiology. Genito-urinary Tract.** Edited by H. J. KAUFMAN, Basel.  $9\frac{1}{2} \times 6\frac{1}{2}$  in. Pp. 381+x, with 209 illustrations. 1970. Basel: S. Karger. DM.96.

This is the third volume in this series of 'Progress in Pediatric Radiology'. The contributing authors to this volume come from both sides of the Atlantic and cover a wide range of subjects.

As one would expect, in a work such as this X-ray pictures play a very important part and they are distributed throughout the volume. The radiographs are of a very high order and are beautifully reproduced.

The whole important technique of roentgen investigation of the urinary tract in infants and children is described and illustrated in considerable detail. The various methods used in the positioning and immobilization of babies and infants for different X-ray investigations are fully described.

Genitography in intersex problems plays an important part in the diagnosis of these conditions.

There are some excellent articles on the congenital anomalies of the upper urinary tract.

Intravenous urography is well discussed and the part played by radiology in the diagnosis of genito-urinary tumours is portrayed in a very interesting manner.

This book is a mine of information for all radiologists facing the problems of genito-urinary radiology.

An important reference volume.

**Hormones and the Immune Response.** Edited by G. E. W. WOLSTENHOLME and J. KNIGHT. Ciba Foundation, Study Group No. 36, London.  $7 \times 4\frac{1}{2}$  in. Pp. 172+ix. Illustrated. 1970. London: J. A. Churchill Ltd. £1.50 (£1 10s.).

This is a Ciba Foundation production and is No. 36 Study Group on Hormones and the Immune Response. The group met on 1 May, 1970, in London.

Every aspect of this important problem is discussed by scientists and cancer-research workers in England, Sweden, the United States, Switzerland, and the Netherlands.

The Ciba Foundation's house at 41 Portland Place, London, makes an excellent centre for these interesting symposia and discussions. The present book will be in great demand as a reference volume, especially to all cancer-research workers. It contains some interesting illustrations, and its price is most moderate in these modern times.

**A Practical Guide to Blood Coagulation and Haemostasis.** By JEAN M. THOMSON, F.I.M.L.T., Manchester.  $9 \times 6$  in. Pp. 220+x, with 26 illustrations. 1970. London: J. & A. Churchill Ltd. £2.80 (£2 16s.).

This book is interesting, practical, and covers the whole field of blood coagulation and haemostasis. All the many and varied advances in these subjects are included.

The haemostatic mechanism is described, and the mechanisms and functions of the platelets are discussed at some length. The laboratory investigation of excessive bleeding is explained.

The problems of fibrinolysis and hypercoagulability are considered in a very practical manner.

Laboratory procedures are well described, in a factual but interesting way.

A comprehensive list of references is to be found at the end of this book.

Haematologists and clinical pathologists will find this a useful reference volume.

**Practical Hints for Housemen.** By D. S. HOPTON, M.B., Ch.B. (Manch.), F.R.C.S., and I. J. T. DAVIES, M.B., M.R.C.P., Senior Registrars to the United Cardiff Hospitals and the Welsh Hospital Board.  $7\frac{1}{2} \times 4\frac{3}{4}$  in. Pp. 245+x. 1970. London: Lloyd-Luke (Medical Books) Ltd. £2.

This is a very useful and essentially practical pocket-book for resident medical officers. The authors have put in a lot of hard thinking in planning this small volume.

The reviewer only wishes that he had had such a book to consult during the first month he was a house-surgeon—he would have been a much wiser man.

The chapter on general information is excellent and contains a wealth of useful material, such as donation of body and organs, advice about flying, 'immersion', anti-tetanus therapy, and suspected small-pox.

There are several useful appendixes at the end of the book dealing with such subjects as speed of drips, iron composition of intravenous solution, caloric requirements in an adult, 152 preparations containing aspirin, most suitable antibiotics, drug levels in blood, urine levels, and cerebrospinal fluid.

An excellent production for the newly qualified.

**Ecology of the Cancer Patient.** Edited by JOHN E. HEALEY, jun., M.D.  $9 \times 6$  in. Pp. 184+ivii. 1970. Washington, D.C.: The Interdisciplinary Communication Associates Inc. \$2.00.

This paperback contains the proceedings of three interdisciplinary conferences on the rehabilitation of the patient with cancer. These were held as follows: The Head and Neck at Princeton Inn, Princeton, New Jersey