

organ transplantation in pediatric practice.

The black and white illustrations are of good quality and references are up to date. There are competent chapters on bone marrow (Bramowsky and Coccia) and renal transplantation (Verani and Conley), a really excellent contribution on liver transplantation by Jaffe and Yunis, as well as a useful review of the consequences of immunosuppressive treatment in transplant rejection by Gilbert-Barness and Barness. The chapter on heart-lung transplantation by Yousem presents pertinent basic data, but this is a new field as far as children are concerned, in which experience is limited and much is yet to be learned.

This book would be primarily of value to pathologists and clinicians in specialist children's hospitals performing organ transplants, but most programmes include a proportion of pediatric patients and many of the problems covered are not confined to any particular age group. The high price for a book of this size, however, would probably confine its attraction to departmental and institutional libraries.

RA RISDON

**Laboratory Quality Management.** GS Cembrowski, RN Carey. (Pp 288; paperback \$50.50.) Raven Press. 1989. ISBN 0-89189-277-X.

This is a very good book. The opening subtitle "QC = QA" signals a logical and mathematical approach, while the foreword by Westgaard exposes the graffiti "Westgaard Rules" as a simplistic incantation. After a good statistical opening the third chapter lists a dozen or more different "Westgaard" rules and the power function method of assessing their value. This is followed by an exposition of various multiple rule strategies and their medical usefulness. The discussion of the value and limitations of analysing patient data is particularly detailed and the need to continue to use control materials is emphasised. The final few words on external proficiency testing and the requirements for accreditation will be increasingly relevant beyond the American target audience.

This is not an easy read; it does not tell you what to do but it does allow you to find your own solution.

IAJ CAVILL

**Progress in Clinical Biochemistry and Medicine.** Vol 8. Ed F Salvatore, A Roda, L Sacchetti. (Pp 196; DM 142.) Springer. 1989. ISBN 3-540-50705-1.

This book brings together contributions from the international satellite symposium on clinical biochemistry in hepatobiliary disease which was held in Bologna, Italy 1988. The nine chapters cover a wide range of subjects and provide useful data for both laboratory scientists and also clinicians working in the field of hepatobiliary disease.

The first chapter by Percy-Robb provides useful information on some of the esoteric biochemical investigations in patients with liver disease. Glutathione-S-transferase and procollagen III peptide may have useful roles in selected clinical situations. Five chapters in the book are devoted to clinical enzymology and provide good reviews on the state of the

art of gamma-glutamyltransferase, alkaline phosphatase, and amylase. There is an excellent chapter by Blanckaert and colleagues on the recent developments in serum bilirubins. This chapter reviews the recent developments both in bilirubins metabolism and the methodology that is available for diagnostic use. There is an extensive chapter by Roda and colleagues on bile acid analysis, which provides an extremely useful update on both methodological and clinical aspects of bile acids and is a must for anyone wishing to update their knowledge on this topic.

Although the book is not a comprehensive book on clinical biochemistry in hepatobiliary diseases, it does provide some useful reviews and updates in certain selected areas, and I would recommend it as a useful edition to the clinical biochemistry library.

ANNE GREEN

**Interpretation of Breast Biopsies.** 2nd ed. Biopsy Interpretation Series. Darryl Carter. (Pp 256; \$81.50.) Raven Press. 1989. ISBN 0-88167-589-X.

This well known textbook on breast biopsy interpretation has been revised in its second edition to include a number of new topics. As well as the discussion of borderline lesions, the book now includes a section on oncogenes which is concise and to the point.

There is a short section on fine needle aspiration and a discussion of techniques of handling breast biopsies, which includes a brief discussion of specimen radiography of occult lesions. The text of the previous edition has been brought up to date and revised and there are numerous photomicrographs which are generally of good quality. As this is a small book the text cannot encompass the whole of breast pathology but it does discuss many of the difficult problems.

The American terminology is, of course, used and some of the English literature appears not to have been included, but these are minor problems and in general the textbook will be of use for histopathologists and others wishing to obtain a better insight into breast pathology.

CA WELLS

**Atlas of Clinical Hematology.** H Begemann, J Rastetter. (Pp 325; 205 colour figs; DM 398.) Springer Verlag. 1989. ISBN 3-540-50851-1.

This is the fourth edition of this text and has been completely revised since the last edition in 1979. The title could be confusing for some as it is an atlas of haematological cytology.

The distinguishing feature of this atlas is the extensive collection of water colour illustrations which show morphological detail with a clarity not found in photomicrographs. They are strongly recommended to those in training and will delight those who enjoy morphology. These are complemented by many photomicrographs. Those portraying immunocytochemical investigations, lymph node and splenic aspirate/imprints, tumour aspirates, and parasitology are excellent. The bone marrow photographs are of more variable quality. A major disappointment is the myelodysplastic syndromes where the few photomicrographs presented do nothing to clarify this difficult area. The illustrations are

supplemented by a methodological text (including immunocytochemistry) and a succinct theoretical text. The American translation of a German text occasionally throws up some unusual terminology. Unfortunately the cytogenetic comment is limited to the Philadelphia chromosome (archaically described as a G-group chromosome, number 21/22 in the Denver classification).

An atlas is consulted for its morphological detail and this is where this book excels. The price may, however, detract from its popularity.

BE WOODCOCK

**Principles and Practice of Infectious Diseases.** 3rd ed. GL Mandell, RG Douglas, JE Bennett. (Pp 2340; illustrated; £135.00.) Churchill Livingstone. 1990. ISBN 0-443-08710-5.

The first edition of this book was published 10 years ago and rapidly became established as a major source text for infectious disease specialists. The second edition (1985) was widely acclaimed as being even better than the first. This third edition demands further superlatives. The text has been expanded by over 650 pages, and 19 chapters have been added including seven chapters on the aetiology and management of AIDS. Other notable additions are chapters on mechanisms of resistance,  $\beta$ -lactam allergy, the quinolones, interferons, and TWAR. The organisation of the virology section has been extensively revised in the light of changes in nomenclature, resulting in an additional four chapters. The book retains its original four sections, covering basic principles, clinical syndromes, infectious diseases and their aetiological agents, and special problems. All chapters have been revised, and references as recent as 1988 are included.

This book represents the results of a mammoth on-going undertaking. The text is informative and authoritative; although differences in philosophy and practice between the United States and the United Kingdom need to be borne in mind. It is a library must for all infectious disease and clinical microbiology units.

GL RIDGWAY

**Pathology of Late Fetal Stillbirth.** MJ Becker, AE Becker. (Pp 150; £35.) Churchill Livingstone. 1989. ISBN 0-443-01941-X.

Intended as a practical guide to examination of both fetus and placenta from intrauterine deaths occurring in the second half of pregnancy, it comprises sections covering placental examination, fetal necropsy, fetal development, pathological abnormalities related to mode of death, correlation of fetal and placental abnormalities, dysmaturity, and causes of intrauterine death. The strength of this book lies in its illustrations which are of very high quality. Placental abnormalities and necropsy technique are particularly lavishly illustrated. Observations related to rapidity of fetal demise will be new to many pathologists and are useful in terms of clinicopathological correlation.

There are, however, several serious drawbacks. The second half of pregnancy has been arbitrarily divided into three unequal periods: immature, premature, and mature.