

## Book Reviews

B. Raymond Fink, M.D., Editor

**A Manual of Thoracic Surgery.** By A. VON HIPPEL. Springfield, Illinois, Charles C Thomas, 1978. Pages: 247. Price: \$13.75.

An interesting book and worthwhile; one man's experience and opinion—it's refreshing. He writes clearly and simply of things he has experienced and thought about in often unorthodox but imaginative ways. It is not comprehensive but doesn't pretend to be. It does cover points (most of them very practical) sometimes not covered by standard, more traditional, texts, but also omits or glosses over important material found in these texts. There are new insights for almost anyone, concepts that seem not only innovative but sound. Often he simplifies too much, and sometimes vague instructions are given when more exact details are desired. On occasion he gives anatomic descriptions that are redundant if you know the anatomy, and inadequate if you don't. There is something in this book for students, nurses, residents and experienced surgeons. It is incomplete by itself without other informational resources (preferably through direct experience as well as didactic study and reading). He shoots down some "holy cows" (e.g., "A chest tube never causes emphysema")—to the pleasure of many surgeons who will agree with him—things that have not yet been deleted from the texts, but should be.

This book imparts intelligence and perceptiveness, sometimes too much confidence, but is logical and well worth reading.

DAVID H. DILLARD, M.D.  
Department of Surgery  
BB-433 University Hospital RF-25  
Seattle, Washington 98195

### **Anesthesia in Obstetrics: Maternal, Fetal, & Neonatal Aspects.**

By G. A. ALBRIGHT. Menlo Park, California, The Benjamin/Cummings Publishing Co., 1978. Pages: 480. Price: \$35.00.

Following a hiatus of eight years, two American texts on obstetric anesthesia have been published within the last 12 months. The first was Abouleish's *Pain Control in Obstetrics*. This, the second, is divided into six sections that cover all anesthetic, obstetric and fetal-neonatal aspects important to the practicing anesthesiologist. Section I reviews maternal and perinatal risk factors, morbidity and mortality, as well as preanesthetic evaluation and preparation. Section II deals with the physiology of pregnancy, labor and delivery, placental drug transport, and the pharmacology and complications of local anesthetics. Sections III and IV discuss the various methods of pain relief. Section V is devoted to maternal complications from both anesthetic and obstetric perspectives, and Section VI to fetal and neonatal physiology and pathophysiology, as well as to resuscitation of the newborn.

The book is written in its entirety by one author and, consequently, is executed in a uniform style that is concise and precise. Paper, printing, and illustrations are of good quality. Misinformation is minimal, although there are a few areas in which mention of contrary opinions might have been advantageous, such as the extent of sympathetic blockade following epidural as compared with spinal analgesia.

I thoroughly enjoyed reading this book, and was most impressed with the wealth of information presented in its 430

pages of text. The author has done a commendable job. My only complaint is the cost; although the book is in constant demand in our departmental library, most of our residents find it too expensive to purchase for their own use.

GERTIE F. MARX, M.D.  
Department of Anesthesia  
Albert Einstein College of Medicine  
Bronx, New York 10461

**Routes of a Dentist.** By S. M. E. SHANE. Timonium, Maryland, Lowry & Volz, Publishers, 1978. Pages: 255. Price \$8.95.

Judging by the amount he travels, Sylvan Shane must be a dean or departmental chairman or something pretty close. Come to think of it, he can't be a dean or chairman, because he is able to find time to write about his tours.

For anesthesiologists incomparably the greatest interest attaches to his account of a one-month's visit to China. This occupies about a third of the book, and eventually takes us tableside to the scene of acupuncture for major surgery in the Tsinan Provincial Hospital. Dr. Shane is a professional dentist-anesthesiologist, and his eyewitness descriptions of a bilateral oophorectomy, a mitral commissurotomy, and a craniotomy and hypophysectomy are obviously written by a person aware of many of the potential problems. The efficacy of acupuncture anesthesia in these particular cases cannot be questioned, and I strongly recommend that those who would like to form their own opinions buy the book for this reason, if for no other.

But there are other reasons too. Hither and yon we are able to vicariously enjoy experiences we would like to have shared, and some we are glad to have been spared, and then there are the author's opinions, not numerous or subtle, but always strongly, interestingly, and even entertainingly voiced.—B.R.F.

### **Second International Symposium on Malignant Hyperthermia.**

EDITED BY J. A. ALDRETE AND B. A. BRITT. New York, Grune and Stratton, Inc., 1978. Pages: 560. Price: \$25.50.

The First International Symposium on Malignant Hyperthermia was held in 1971. The written account of that Toronto meeting was more than two years in coming to print, but as reviews of that time indicated, it was a well received and, indeed, anticipated text. The excellent editorial guidance over both the papers and the accompanying discussion transcriptions produced a cohesive and authoritative volume that was more than the "proceedings" of a meeting. In particular, the edited transcripts provided a sense of immediacy for those who could not attend and focused on the exchange of ideas among the various participants. While there was concordance in many areas, there were also disagreements. The achievements chronicled in that volume were the acceptance of the porcine experimental model, agreement on the muscle as the site of the pathology, recognition of the genetic transmission and confirmation of the special relationship of this disorder to anesthesia.

In the six years that have intervened since that first symposium, a great deal of scientific investigation has been directed at this disorder, which, as Dr. Denborough states in the Foreword of this second volume, "is the most common cause of anesthetic-induced death in North America." Dantrolene, unmentioned in the

*First International Symposium on Malignant Hyperthermia*, now holds the prospect of providing a method of direct and efficacious treatment and possibly even prophylaxis. It is against this background, then, that one must judge this *Second International Symposium on Malignant Hyperthermia*.

Once again, Dr. Beverley A. Britt serves as an editor, this time in conjunction with J. Antonio Aldrete. The 47 monographs represent 106 contributing authors, covering the range of specialties that share an interest in this disorder. The material is divided into five major sections: Muscle Pathophysiology, Studies on the Porcine Experimental Model, Predictive Tests, Clinical Observations, and Current Treatment. The individual monographs are well illustrated by the use of clear and simple graphics, as well as excellent photomicrographs and clinical photographs. As with any multiauthored text, there is a variety of writing styles, but an attempt has been made to ensure uniformity in nomenclature and citations.

I applaud the effort of the editors in publishing the second volume within a year of the meeting in Denver, for it contains material of immediate interest to both the researcher and the clinician. The sections on "Predictive Tests" and "Clinical Observations" are probably of most interest to the practicing anesthesiologist. A brief paper on the "Medicolegal Implications of Malignant Hyperthermia" is testament to how widely knowledge

about this disorder has been disseminated. Anesthesiologists are now expected to anticipate the possibility, rather than just react to the occurrence. Another six years should not be allowed to elapse before the Third International Symposium is convened.

In this second text several features of the previous volume have been omitted, making this publication more of a "proceedings" than its predecessor. In my opinion a serious deficiency is the absence of an edited version of the discussions attendant to the presentations. Surely there was not universal acceptance of all the material presented, for even as Dr. Denborough admits, there is no uniformity in the conduct of *in vitro* pharmacologic challenges to identify susceptibility to malignant hyperthermia. In addition, the absence of an author index, coupled with a poorly focused subject index (*e.g.*, 59 page citations under the heading of "Anesthesia" with no further subdivision), make it difficult to use this text as an off-the-shelf reference. Attention to these areas would have greatly enhanced the presentation of this material.

DAVID ERIC LEES, M.D.  
*Department of Anesthesia*  
*Georgetown University School of Medicine*  
*at the National Institutes of Health*  
*Washington, D. C. 20007*