

BOOK REVIEWS

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The Management of Pain. Second Edition. 2 Volumes. EDITED BY JOHN J. BONICA, WITH JOHN D. LOESER, C. RICHARD CHAPMAN, AND WILBERT E. FORDYCE, Philadelphia, Lea and Febiger, 1990. Pages: 2, 120. Price: \$227.00.

The first edition of this textbook, entitled *The Management of Pain, with Special Emphasis on the Use of Analgesic Block in Diagnosis, Prognosis and Therapy*, was published in 1953. The author, John J. Bonica, a pioneer in the field of pain management and the founder of the International Association for the Study of Pain, has long provided the leadership that has resulted in the maturation of pain and its management as a distinct clinical specialty. The first edition of this book was described as "encyclopedic," "monumental," and a "masterpiece." The second edition is an authoritative reference *par excellence*: it combines the basic science and clinical aspects of virtually every conceivable acute and chronic pain syndrome.

With this edition, the book has undergone a major transformation. From the title of the book, the phrase "special emphasis on the use of analgesic block" has been deleted. This, I presume, reflects our understanding that analgesic blocks represent only one aspect of the multifaceted approach to the management of pain, especially chronic pain. Whereas the first edition was predominantly the monumental work of a single author, in this edition Bonica has benefited from the editorial collaboration of three other leaders in the field. In addition, several experts in their respective fields have contributed chapters. Bonica has, however, taken great pains to maintain a uniform format and harmonious presentation throughout the text. In this reviewer's opinion, a unique feature of the previous edition was the numerous case reports that illustrated specific points of discussion. Unfortunately, probably because of space limitations, several of these cases have been deleted from this edition. In general, however, comparison of the first and second editions truly reflects the advances made during the last four decades in our understanding of the mechanisms of pain and its management.

This book is organized into five parts. Part I (9 chapters) contains basic scientific and clinical information relevant to acute and chronic pain. It also includes a chapter that provides an interesting historical perspective on the evolution of multidisciplinary pain programs. Part II (21 chapters) provides a general discussion of acute painful conditions and chronic pain syndromes. The chapter on pain of neuropathic origin is particularly erudite and reflects the authors' extensive experience in managing these patients. In keeping with the recent developments in the management of pain in pediatric patients, 2 chapters address considerations of pain in this population. Part III (6 chapters) is devoted to the evaluation of the patient with pain. This section not only includes chapters on the medical evaluation of the patient with pain, but also emphasizes the need for a comprehensive assessment of the patient, including a psychologic and psychosocial evaluation. Part IV (41 chapters) deals with pain in different regions of the body. Although there are some overlaps in the information presented in parts II and IV, I would agree with the authors' statement that the repetitions "emphasize important issues" and minimize the need for readers to turn pages from one section to the other. Part V (23 chapters) discusses methods, procedures, and techniques for the symptomatic control of pain. Pharmacologic, psychological and psychosocial, physical therapeutic, electrical stimulation, regional analgesic-anesthetic and neurosurgical treatments are considered.

The writing is uniformly lucid and the general format attractive. The authors present a forceful, rational, and comprehensive approach to the management of the patient with pain of varied etiology. The illustrations, tables, and photographs are presented tastefully and enhance the text. The proofreading and editing is of superior quality.

Despite the weight of each volume, the quality of the paper and the binding makes the book surprisingly easy to handle. The text is abundantly referenced. As mentioned by the author in the preface, a text of this magnitude is a long undertaking. This in part, and perhaps inevitably, is reflected in the bibliography. In 26 chapters the most recent reference dated back to 1986, and in 23 other chapters the most recent reference was from 1987. The subject index is thorough and informative with reference to illustrations, tables, and text.

The majority of the textbooks on pain are directed specifically either to the researcher or to the clinician. In addition, the focus is usually on the management of either acute pain or chronic pain syndromes. This text emphasizes both the basic science and clinical aspects of pain and addresses both acute and chronic painful conditions. Hence, this book is unique and cannot rightfully be compared to any other text in the field.

This text is an invaluable reference and should be required for every library and for anyone involved in the study or management of pain. It is a useful resource for all practitioners, students, and physicians-in-training. I would recommend this book to every fellow and hope that the cost of the book does not place it outside his or her budget.

This book is well worth the wait.

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Anesthesia for Cardiac Surgery. EDITED BY JAMES A. DINARDO AND MICHAEL J. SCHWARZ. Norwalk, Connecticut, Appleton and Lange, 1990. Pages: 337. Price: \$55.00.

There are now at least eight textbooks available on the subject of cardiac anesthesia. This latest addition presents Boston's Beth Israel Hospital approach, being written mostly by Dr. DiNardo (eight of the twelve chapters) who is now in Tucson, Arizona.

The book is organized logically, beginning with chapters on pre-operative assessment, interpretation of cardiac catheterization data, and monitoring, and concluding with chapters on central nervous system injury and postoperative care. Between these are chapters addressing specific considerations for the various types of surgery, and general chapters on the management of cardiopulmonary bypass and myocardial protection. The shortest chapter is that on postoperative care (the last), comprising a very condensed 13 pages with 50 references, while the longest chapters are those on anesthesia for congenital heart disease (56 pages with 121 references) and central nervous system injury (42 pages with an incredible 399 references).

As an introductory text, the size, layout, and cost are definitely appealing, and for these reasons I found myself wanting to like the book. In most respects the stated purpose of providing "an overall conceptual framework for the anesthetic management of cardiac surgical patients" is accomplished, as are the other objectives of providing additional information to both the experienced and less experienced clinician. Realistically, the main audience for this book is residents and fellows in cardiac anesthesia, for whom I did find certain aspects of the book to be deficient.

The initial chapters provide a good summary of most aspects of the preoperative evaluation of adult patients. Interpretation of cardiac catheterization data is very nicely presented, although the specific relevance of the findings to anesthetic management is not discussed. A