
Encyclopedia of Trauma Care

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Editors

Encyclopedia of Trauma Care

With 398 Figures and 146 Tables

 Springer Reference

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This work is dedicated to my children, Matthew and Sarah, and to my wife, Holly, for their consistent and unwavering support. It is also dedicated to my parents, Gidon and Anne, and to my brothers, Craig and Brian, for a lifetime's worth of advice, direction, and guidance.

Mark L. Gestring

A work cannot move forward without the support of one's family, and in this, I am very grateful to my wife Susan and my children Yanni and Ava. I could not have done this project without your help, love, and, of course, your understanding. This work is also dedicated to the many teachers of medicine and surgery who taught me both the art and science of this wonderful profession and to the many generations of students, residents, and fellows. I am in your debt for keeping me sharp, up to date and in focus all these years. I also have a special thanks to my administrative assistant Shari, who, over the years, has typed hundreds of papers and chapters, contacted authors and collaborators throughout the world, and kept me on schedule.

Peter J. Papadakos

Foreword

When I reflect on the last 25 years of progress in trauma care, it is overwhelming to consider the explosion of data that has emerged and transformed our management approach to patients across a broad spectrum of injury patterns and severity. With the emergence of new technology, better understanding of the physiology of shock and resuscitation, more judicious use of operative approaches, vigilant intensivist-driven bedside critical care, and a focus on achieving optimal outcomes for injured patients, the challenge of staying current in best practice has become monumental. Moreover, the focus of care provision has shifted from rapid *recall* of information to rapid *retrieval* of information for immediate integration and application into the patient care setting.

While a whole host of modalities have surfaced to assist the clinician in meeting this challenge, the *Encyclopedia of Trauma Care* stands as a seminal compendium of works that provide easily accessible, easily abstracted information at the ready. The scope of the material is expansive, the organization of the content is outstanding, and the structure of each review is systematic and consistent allowing the reader to hone in on key areas of interest without an undue amount of filtering and culling. The broad range of material and the easy alphabetical order of subject areas constitute a comprehensive yet convenient “first-stop” on the way to understanding straightforward approaches to not-so-straightforward clinical problems of interest.

The contributors to this two-volume set represent a “Who’s Who” in international trauma care and their perspectives, based on their in-depth knowledge and years of experience in managing injured patients, are invaluable to the reader. It becomes immediately apparent on review of the text that this sort of expertise across a broad spectrum of trauma problems is a significant advantage in sorting the conundrums that complex injury patterns present to the working clinician. In over 1,200 pages replete with numerous tables and illustrations, the authors provide the most current and practical information available on topics such as airway emergencies, strategies in shock resuscitation, salvage modes of mechanical ventilation, prolonged open abdomen, mass casualty management, and teamwork in trauma care. Certainly, working knowledge of the material covered herein is of paramount importance in daily practice. Conveniently enough, it also serves as an exceptional review tool in preparation for examinations at every level.

Papadakos and Gestring have done a masterful job as editors of this text. They bring to the process a balanced approach due to their diverse backgrounds. While both share a passion for surgical critical care, Peter Papadakos is an anesthesiologist by training and brings this viewpoint and expertise to the work. Mark Gestring, an accomplished trauma surgeon, adds perspective that flavors the encyclopedia throughout. The work will be applicable and useful as an outstanding source of information for a broad range of physicians from many specialties, students, residents, fellows, nurses, advanced practice providers as well as scientists from bench top to bedside. This places the *Encyclopedia of Trauma Care* in a unique category of references; compiled in multidisciplinary fashion it offers great value to the readership.

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