

Book Corner

Pediatric Critical Care

Editors Bradley P. Fuhrman, M.D., Jerry J. Zimmerman, Ph.D., M.D.
1904 pages, \$210.00, ISBN 0323018084, Philadelphia, PA, Mosby
Elsevier, 2006.

By: **Helen V. Lauro, M.D., F.A.A.P.**

In this newly released third edition, Bradley Fuhrman is joined by Jerry Zimmerman in creating a totally revamped textbook on pediatric critical care, with over 200 international contributors from United States, Canada, Mexico, United Kingdom, France, Israel, Australia, and South Africa.

The textbook is divided into seven parts: The Discipline, Organ System Function and Failure (Circulation, Respiration, Central Nervous System and Neuromuscular, Renal, Metabolism and Endocrine, Hematology, Gastroenterology, Immunity and Infection, Failure of Organ Systems), Environmental Hazards, Trauma, Pharmacology, Anesthesia and Analgesia Aspects of Pediatric Critical Care, and Cardiopulmonary Resuscitation. One hundred-nineteen chapters written by world-renowned pediatric intensivists, pediatricians, pediatric anesthesiologists, radiologists, and surgeons on the cutting edge in their clinical and research practices are presented in a clear and readable format. Each chapter begins with "Pearls"

for quick reference and chapter summary. Brand new chapters include pediatric transplantation and organ donation, pediatric intensive care in developing countries, diagnostic and therapeutic cardiac catheterization, cardiac transplantation, ventilator-induced lung injury, neuroimaging, congenital malformations of brain and spinal cord, thromboembolism in pediatric critical care patients, hemoglobinopathy, gastrointestinal pharmacology, child abuse and neglect and genomic and proteomic medicine in critical care. The topic of failure of organ systems has been vastly expanded into five newly written chapters from the prior edition.

A portfolio of color plates at the beginning of the text opens with transesophageal echocardiogram color and continuous-wave dopplers, which portray various congenital cardiac anatomical defects and their resultant shunting. Other color graphics feature congenital malformations, infectious processes, traumatic injury and foreign body aspiration of the pediatric airway. The remainder of figures and tables in the book are black and white, but many are nicely shadowboxed for reinforcement.

The authors have achieved their goal, stated in their preface, of providing a book for clinicians who refer, follow, or consult on patients in the pediatric ICU, but who are not specialists in critical care. Pediatric anesthesiologists will find the book invaluable in daily clinical duties and as a ready reference in their libraries.