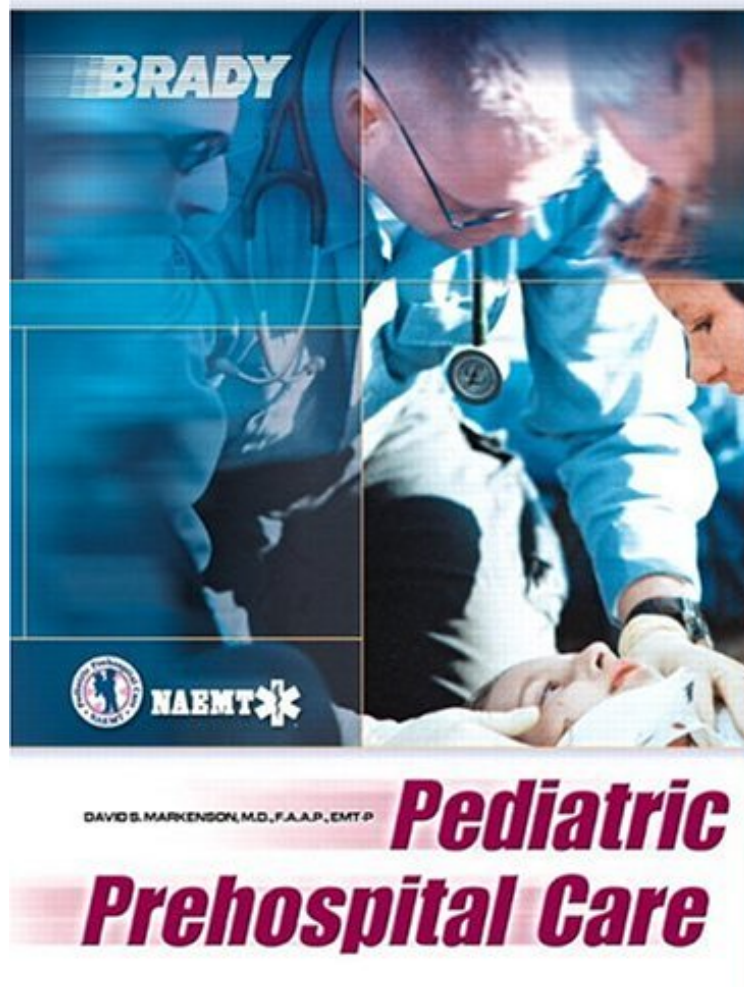


(Download free pdf) Pediatric Prehospital Care

## Pediatric Prehospital Care

David S. Markenson, NAEMT

ebooks | Download PDF | \*ePub | DOC | audiobook



DOWNLOAD



READ ONLINE

#3086181 in Books Prentice Hall 2001-09-10Ingredients: Example IngredientsOriginal  
language:EnglishPDF # 1 10.76 x .80 x 8.36l, 2.40 #File Name: 0130226181416 pages | File size: 74.Mb

**David S. Markenson, NAEMT : Pediatric Prehospital Care** before purchasing it in order to gage whether or not it would be worth my time, and all praised Pediatric Prehospital Care:

0 of 0 people found the following review helpful. Good buyBy CstmrfmIt was exactly what I needed for class! Also a lot cheaper than at the campus bookstore! Saving money is always important in college and life. Especially these days. Good quality product.

Written by the author of the pediatrics section of the 1998 National Standard Curriculum for Paramedics, this innovative volume is designed for both Basic Life Support and Advanced Life Support providers at all levels. Exceptionally current and comprehensive, it serves as a convenient training manual, reference, and refresher on cutting-edge developments and standards. Unique in perspective, it features an assessment/problem-based approach to

prehospital pediatrics that links the process of assessment to treatment--carefully and precisely illustrated with case scenarios and task analysis. It covers the full range of pediatric emergencies and the National Standards curriculum, and is the only prehospital care book to cover children with special healthcare needs. Features Skills Stations with Skills Sheets, decision tree schematics for rapid assessment, "Common Questions," and an abundance of illustrations. Pediatric Assessment. Airway Management. Respiratory Emergencies and Management. Cardiovascular Emergencies and Management. Hypoperfusion (Shock) and Fluid Resuscitation. Medications and Medication Administration. Altered Mental Status. Seizures. Trauma. Newborn Resuscitation. CHSN and TAC. Child Abuse and Neglect. CISD. Common Medical Complaints. Toxicology. Pain Management and Sedation. Transport Issues. Medicolegal Issues. For Paramedics, EMT-Bs.

From the Back Cover Pediatric Prehospital Care by David S. Markenson, M.D., F.A.A.P., EMT-P, is the most current and comprehensive text available covering pediatric emergencies. Based on the National Standard Curriculum, the program is designed for both Basic Life Support and Advanced Life Support providers of all experience levels. It features a unique assessment/problem-based approach to prehospital pediatrics and is generously illustrated with case scenarios and skill sets. Pediatric Prehospital Care serves as a comprehensive instructional text, reference guide, and refresher program, presenting cutting-edge developments and standards. This program is an essential resource for all EMS professionals. David Markenson is a co-author of the pediatrics section of the 1998 U.S. DOT National Standard Curriculum for Paramedics. FEATURES Case studies in chapter openers introduce topics in a real-world setting. Skills Stations and an abundance of illustrations combine for a comprehensive presentation of material. A unique problem-based approach forms the basis of the material. Special pediatric health care needs are well covered. About the Author David Markenson is a co-author of the pediatrics section of the 1998 U.S. DOT National Standard Curriculum for Paramedics. Excerpt. Reprinted by permission. All rights reserved. Preface The Pediatric Prehospital Care (PPC) text is the product of significant cooperation, input, and review by many dedicated physicians, nurses, paramedics, EMTs, EMS educators, and parents interested in improving the quality of prehospital care for children. The associated course is the product of the best and most recent educational efforts and modalities in prehospital pediatrics, including the pediatric components of the revised National Standard Curricula for EMT-Basics, -Intermediates, and -Paramedics and the many Emergency Medical Services for Children Continuing Medical Education (EMSC CME) offerings. Pediatric Prehospital Care is written to document a standard of prehospital pediatric emergency care for both the basic and advanced levels of prehospital care providers. It is the intent of this text to convey that children are uniquely different from adults in anatomic, physiologic, and emotional characteristics that need special consideration when managing serious illness or injury. The author and contributors have attempted to provide a knowledge and skill base for the prehospital provider to become confident and competent in delivering care to seriously ill or injured children and their families. While this text is a required component of the PPC Program, it was written to serve a greater role as a pediatric encyclopedia for the EMS provider. It is intended to aid in initial certification and recertification courses, as part of CME offerings, and to be taken off the shelf following a pediatric call to review questions that may have arisen. The intent of the author was to cover as many topics as would be relevant to the multiplicity of settings in which EMTs might function. The acknowledgement pages reflect the contributions made by many EMT instructors and reviewers, editors, and numerous other sources of assistance. The first chapter presents an overview of EMSC and addresses the complex anatomical, physiological, emotional, and psychosocial characteristics of the child. The next chapter presents the approach to pediatric assessment. This is probably the most important chapter, in that assessment based care is predicated on a thoughtful and efficient assessment, which then triggers and guides the further care provided. Following chapters on the assessment and procedures for management of key physiologic functions follow, including airway, respiration, and perfusion. The text continuously reinforces that mastery of the ABCs is the cornerstone to becoming proficient and confident in managing the pediatric patient and that many pediatric emergencies have compromised airway and ventilation as their cause. Subsequent chapters review common situations such as trauma, altered mental status, and seizures. A chapter titled Common Medical Complaints covers those common complaints that can have anything from a minor to a life-threatening problem as their cause. These chapters are organized with an overview of each condition, assessment strategies, the physiologic responses of the child, and management. Both basic and advanced care are delineated to guide pediatric management for providers of different skill levels. Several other chapters highlight the role of the prehospital provider in the emergency management of specific groups of children. For example, the newborn, small and unresisting, demands solid skills and knowledge to prevent rapid physiologic deterioration. Emergency care of the child with special care needs is also addressed. There is a growing number of children with these conditions, cared for at home with high-technology equipment, who may call upon EMS in times of distress. There are chapters that address the unique aspects of pediatric pharmacology and the challenging skill of medication administration and vascular access in the child. Additional chapters present other unique aspects of pediatric care, such as child abuse and medicolegal issues involving children. The emotions triggered when managing the child and family in emergency situations are a special concern commonly raised by prehospital providers. Feelings run strong when the prehospital

provider sees his or her own child in the patient, confronts the injustice of child abuse or neglect, or relives the tragedy of a child's death. Handling parents who may be unreasonable and demanding adds another stressful dimension to the duties of the prehospital provider. For this reason, a chapter on stress recognition and management has been included. The evolution of EMS for children has paralleled the evolution of EMS\$151;but with a lag of several years. The most recent advances have been the release of the new EMT-Paramedic, EMT-Intermediate, and EMT-Basic National Standard curricula. The new curricula represent a major improvement in training prehospital personnel in the care of sick or injured children. In fact, what this new curriculum represents is the incorporation of the many continuing medical education efforts that have been developed, produced, and taught by the EMSC community over the past 15 years. These new curricula now focus on assessment-based medicine that is in line with the rest of emergency care. It is hoped this will give prehospital providers basic knowledge, an understanding of disease processes of the child, and skills that will allow them to provide care for ill and injured children with confidence. Despite these improvements, one must still consider that the population of critically ill and injured pediatric patients is small. Opportunities to gain significant clinical experience in the care of critically ill or injured pediatric patients, therefore, are limited. For these reasons, the initial education and continuing medical education of prehospital providers in the management of children carries extra urgency and can be a complex task. In the summer of 1998, the National Association of EMTs (NAEMT), in an effort to expand its CME offerings, recruited a pediatric expert to help create a nationwide effort to improve the training that prehospital providers receive in the care of the sick or injured child. Following this, NAEMT established a national committee to help work with the national medical director in the creation of this CME program. Lastly, to produce the materials, NAEMT entered into a key partnership with Brady Publishers, who has a strong commitment to quality EMS education. The goal was to create a comprehensive, innovative, and highly visual pediatric text and course for both BLS and ALS providers. Over the last two years, the Pediatric Prehospital Care (PPC) Executive Council has created the PPC course, incorporating the latest educational concepts and clinical advances for prehospital personnel. Pediatric Prehospital Care will serve as the required text for the PPC program. In developing the PPC course, the committee carefully reviewed the most current data on the efficacy, safety, and feasibility of pediatric prehospital interventions. Where scientific research is not definitive, the recommendations derive from expert opinion and clinical experience in hospitals, emergency departments, and pediatric ambulatory settings. The PPC course emphasizes a problem-oriented, careful assessment that establishes priorities and will guide the BLS care while supporting the use of indicated ALS interventions. The PPC course is not a one-time effort but rather a dynamic teaching tool that will be subject to ongoing review and modification. NAEMT and the PPC Executive Council are committed to continual course improvement and dissemination to a national and international audience. David Markenson, MD, EMT-P PPC National Medical Director