

Essentials Of Paramedic Care

volume 1 introduction to advanced prehospital care includes airway management volume 2 patient assessment volume 3 medical emergencies volume 4 trauma emergencies volume 5 special considerations operations includes assessment based management dr bryan e bledsoe lead author of the classic pre 98 curriculum text paramedic emergency care along with co authors robert porter and richard cherry has woven together contributions from field experts to provide detailed yet student friendly texts that will set the standard for paramedic education for years to come in developing this series to meet the new curriculum the goals were threefold comprehensive coverage the program includes all materials required for the new u s dot curriculum and where appropriate expanded information accuracy the material reflects the best and latest in scientific and medical practice written and reviewed by experts appropriate level concepts and terminology are clearly explained beginning at the level of the new student and progressing through the development of new and advanced concepts this series will provide the student with a broad background of knowledge and a firm grasp of how to apply it to paramedic

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preface ems in the third millennium involves a great deal more than simply transporting a patient to the hospital the modern paramedic has tremendous responsibilities both on the scene and in the community in volume 5 special considerations operations of paramedic care principles practice we have detailed important specialized information required of paramedics in the modern ems system in addition to a detailed discussion of special patients we have provided crucial information on scene safety and operations as well as assessment based patient management this text has been designed to serve as both an initial course textbook as well as a reference source for the practicing paramedic in this final volume of paramedic care principles practice we have addressed the last three divisions of the 1998 u s dot emt paramedic national standard curriculum these include special considerations this section presents the essential information on special patient populations encountered in prehospital care including neonates children the elderly the challenged as well as chronically ill patients assessment based management the 1998 emt paramedic curriculum was developed based upon the concept of assessment based management this division serves to tie together the various divisions of the curriculum previously presented i e medical trauma and special patients so that the paramedic can provide the necessary care based upon assessment findings operations modern ems is very comprehensive the paramedic must have detailed knowledge of hazardous material scenes rescue scenes multiple casualty incidents disasters and other emergencies this division provides essential information about these important aspects of prehospital care ems is unique among the allied health professions the modern paramedic although functioning under the license and direction of the system medical director is forced to make most patient care decisions in the field independently because of this the modern paramedic must have a thorough knowledge of essential anatomy physiology and pathophysiology of the common emergencies encountered based on this knowledge the paramedic must complete a detailed yet focused patient assessment and determine the appropriate treatment plan although help is never more than a phone call or radio call away the paramedic functions fairly autonomously in a dangerous environment that is constantly changing chapters in this volume correspond to the u s dot 1998 emt paramedic national standard curriculum the following are short descriptions of each chapter chapter 1 neonatology introduces the paramedic student to the specialized world of neonatology the neonate is a child less than one month of age these patients have very different problems and their treatment must be modified to accommodate their size and anatomy this chapter presents a detailed discussion of neonatology with a special emphasis on neonatal resuscitation in the field setting chapter 2 pediatrics presents a detailed discussion of pediatric emergencies children are not small adults they have special needs and must be approached and treated in a fashion different from adults this chapter provides an overview of the common and uncommon pediatric emergencies encountered in prehospital care with a special emphasis on recognition and treatment specialized pediatric assessment techniques and emergency procedures are presented in detail chapter 3 geriatric emergencies is a detailed presentation of emergencies involving the elderly the elderly are the fastest growing aspect of our society a significant number of ems calls involve elderly patients this chapter reviews the anatomy and physiology of aging the chapter then presents a detailed discussion of the assessment and treatment of emergencies commonly seen in the elderly chapter 4 abuse and assault presents a

timely discussion of the needs of the abuse or assault victim this chapter provides important information that will aid the paramedic in detecting abusive or dangerous situations ems personnel are often the first and occasionally the only personnel to encounter the abuse or assault victim because of this it is essential that abusive situations be recognized early and the appropriate personnel notified chapter 5 the challenged patient addresses patients with special needs a medical emergency can be an extremely frightful event for the patient who is sensory or mentally challenged because of this paramedics should be aware of strategies that reduce stress for patients with special challenges chapter 6 acute interventions for the chronic care patient offers an important discussion of the role of ems personnel in treating home care patients and patients with chronic medical conditions with declining hospital revenues more and more patients are being cared for at home either by family members or home care personnel paramedics are often summoned when a home care patient deteriorates or otherwise suffers a medical or trauma emergency it is essential that prehospital personnel have a fundamental understanding of home health care as well as a basic knowledge of the medical devices and technology routinely used in home care this chapter details the paramedic s role in assessing treating and managing the home care patient chapter 7 assessment based management ties together the patient care material presented in this text paramedics are unique in that they function in an unstructured environment they must often make field diagnoses and act upon these this chapter details how to integrate the information learned from a comprehensive patient assessment and use that in formulating an appropriate treatment plan this aspect of paramedic care is one of the fundamental differences between paramedicine and other allied health personnel the paramedics of the 21st century are expected to not only have good patient care skills they are also expected to have good field diagnostic skills these skills are based upon the concept of assessment based management chapter 8 ambulance operations serves to present and in some cases review the special world of ems and ambulance operations patient care begins long before the call is received the paramedic is responsible for keeping the ambulance and medical equipment in a constant state of readiness in addition the paramedic must understand the various ems system operations so that he or she may interact accordingly chapter 9 medical incident command provides a detailed discussion of the incident command system the incident command system is a system for managing resources at the emergency scene particularly at scenes involving multiple ambulances and multiple agencies paramedics must intimately understand the workings of the incident command system and apply them in daily operations chapter 10 rescue awareness and operations presents a comprehensive discussion of rescue operations the level of ems involvement with rescue operations varies significantly in many ems systems paramedics are responsible for rescue operations in others paramedics are primarily responsible for patient care while rescue operations are carried out by specially trained and equipped rescue teams regardless the modern paramedic must have a thorough understanding of rescue operations with an emphasis on scene safety chapter 11 hazardous materials incidents gives an overview of hazardous materials operations more and more emergency scenes involve hazardous materials although most hazardous material scenes are handled by specialized hazmat teams paramedics are responsible for patient care the hazardous material scene can be extremely dangerous because of this the modern paramedic must have a fundamental understanding of various hazardous materials and hazmat operations chapter 12 crime scene awareness details the importance of protecting the crime

scene ems personnel are often the first to arrive at a crime scene although their principle responsibility is patient care they should take great effort to avoid disturbing important aspects of the crime scene this chapter provides an overview of crime scene operations so that ems personnel will recognize and protect essential elements of the crime scene chapter 13 rural ems provides an overview of the special needs of rural ems although not a part of the 1998 u s dot curriculum this chapter has been added to enhance awareness of the challenges such as distance faced by rural ems personnel and the creative problem solving used to provide high quality care to the nearly 53 million americans who live in rural areas this volume special considerations operations describes important information that the modern paramedic needs in order to function effectively on the emergency scene this information should prove beneficial both in initial paramedic education programs as well as in future refresher programs

self instructional workbook provides initial or refresher training that follows the guidelines of the 1998 u s department of transportation emt paramedic national standard curriculum

this book is the update to the essentials of paramedic care 2nd edition which is the first text program to take students beyond the skills necessary to practice as a paramedic and into the underlying principles upon which those practices are based correlated to the u s department of transportation s 1998 national standard curriculum for emt paramedic this book provides the background content and skills coverage required for paramedic education

meet and exceed educational requirements and expectations for paramedic training with the professional paramedic series based on the new national ems education standards this economical three volume series equips you and your learners with the resources necessary for both paramedic certification and re certification comprehensive using a case based methodology while remaining street friendly each volume in the series walks learners through the skills and concepts critical to the job of a paramedic the framework of each book is practical in approach introducing principles skills and terminology presenting a typical case walking through critical response steps and again reviewing key concepts to ensure understanding for successful application on the job begin with the basics in volume i foundations of paramedic care which provides a solid base of fundamental information about the paramedic profession this volume covers topics such as the law and ems public health basics of assessment clinical essentials and more after completion of this text move on to application of skills in emergency situations in volume ii medical emergencies maternal health pediatrics and finish with special response considerations in volume iii trauma care ems operations practical and reader friendly each volume includes a full color design with detailed photos graphics and step by step skill sequences to ensure your learners are fully prepared for the responsibilities adventures and challenges of the paramedic profession important notice media content referenced within the product description or the product text may not be available in the ebook version

emergings we know never take long to find yourself one moment it is just another normal day the next the world unravels this is the chaos paramedics

love their sweet spot where they operate with seconds not minutes where life and death decisions are made and where comfort is offered emergency pulse stories from the front line of paramedic care is a salute to the professionals who answer the call of life when it hits the fan with experience commitment and humanity this book provides an inside look of what it means to be a prehospital emergency medicine provider beyond the lights and sirens through the grit and grime in every tale they uncover the peaks and troughs of that collective experience the successes and failures and the invaluable bonds of friendship built in the heat of battle this immersive experience told through the eyes of those living it paramedics emts first responders does not simply showcase the clinical nature of emergency medicine but the humanity behind the uniforms it is a reminder that behind each call there is a story a patient struggling to overcome the odds a family on pins and needles and a responder carrying the burden of it all a book for anyone curious about the first response desperate perhaps for emergency medical care at their lowest points and for the brave men and women who put their lives on the line savaging the lives of others step into their world pulse of emergency care and witness through their eyes what the call means in actuality

resource added for the emergency medical technician program 305313

written by the best selling author team of bryan e bledsoe d o f a c e p emt p robert s porter m a nremp p and richard a cherry m s nremp p this student friendly easy to understand series covers the dot national standard curriculum the second of 5 titles in the brady paramedic care principles and practice series volume 2 patient assessment covers history physical exam field assessment clinical decision making communications and documentation paramedic level emergency responders or intermediate level responders training to enter into paramedic

for courses in paramedic emergency medical services paramedic care principles practice fourth edition is intended to serve as a foundational guide and reference to paramedicine developed to stay ahead of current trends and practices in paramedicine all seven volumes are based on the national ems education standards and the accompanying paramedic instructional guidelines volume 1 introduction to paramedicine provides paramedic students with the principles of advanced prehospital care and ems operations including an overview of the various aspects of paramedic practice as well as an introduction to workforce safety and wellness ems research the ems role in public health legal and ethical considerations and ems system communications and documentation

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this package contains the following components 0135137004 9780135137000paramedic care principles practice volume 5 special considerations operations

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essentials of paramedic care 2nd edition update will serve as a dependable guide and reference to advanced prehospital care it is based on the 1998 u s department of transportation s emergency medical technician paramedic national standard curriculum and is divided into five divisions this text based on the widely used paramedic emergency care text developed more than 20 years ago will provide the core foundation for paramedic education coupled with quality classroom instruction and clinical rotations readers are assured of receiving the knowledge and skills required of a quality paramedic essentials of paramedic care 2nd edition update will prepare readers for their certification exam and for challenges they will encounter on the street

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