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Paramedic Pearls of Wisdom - Guy H. Haskell
2005-11

Paramedic Pearls of Wisdom, Second Edition is a collection of rapid-fire questions and answers to help students prepare for paramedic state and national certification and refresher exams. It consists of pearls -- succinct pieces of knowledge in a question and answer format. Designed to maximize test scores, Paramedic Pearls of Wisdom prunes complex concepts down to the simplest kernel. Paramedic Pearls of Wisdom is written in direct correlation to the U.S. DOT 1998 EMT-Paramedic National Standard Curriculum. Objectives are covered in the order and manner in which they appear in the curriculum. This is an excellent study guide for paramedic students going through initial or refresher paramedic training.

Rosen's Emergency Medicine - Concepts and Clinical Practice E-Book - John Marx
2013-08-01

Rely on Rosen's Emergency Medicine for the latest answers on every facet of emergency medicine practice. For decades, this medical reference book has set the standard in emergency medicine, offering unparalleled comprehensiveness, clarity, and authority - to help you put the latest and best knowledge to work for your patients in the ER. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Compatible with Kindle®, nook®, and other popular devices. Practice confidently with easily actionable, dependable guidance on

the entire breadth of emergency medicine topics. Get expert guidance on how to approach specific clinical presentations in the ER. The "Cardinal Presentations Section" provides quick and easy reference to differential diagnosis and directed testing for fever in the adult patient; dizziness and vertigo; chest pain; and over 20 other frequently seen presentations in the emergency department. Effectively apply the newest emergency medicine techniques and approaches, including evidence-based therapies for shock; high-cost imaging; evaluation and resuscitation of the trauma patient; cardiovascular emergencies; evaluation and risk stratification for transient ischemic attack (TIA) patients; and much more. Locate the answers you need quickly thanks to a user-friendly, full-color design, complete with more illustrations than ever before. Access the complete contents on the go from your laptop or mobile device at Expert Consult, fully searchable, with links to PubMed.

Principles of EMS Systems - American College of Emergency Physicians 2006

Principles of EMS Systems, Third Edition provides EMS personnel with an overview of the organization and operation of an EMS system, both on a daily basis and in response to large-scale events, including terrorist and weapons of mass destruction incidents. This book explores the role the medical director plays in EMS and discusses the importance of medical oversight and accountability. By focusing on the collaborative interaction of EMS, police, and fire

professionals, along with emergency physicians, emergency departments, and hospitals, this resource provides a framework for how these different groups must work together to ensure the emergency medicine/health care safety net does not fail when it is needed the most.

Nancy Caroline's Emergency Care in the Streets - Nancy L. Caroline 2017-08-15

This fully updated training system covers every competency statement of the National EMS Education Standards for Paramedics with clarity and precision in a concise format that ensures student comprehension and encourages critical thinking.

Nancy Caroline's Emergency Care in the Streets - American Academy of Orthopaedic Surgeons (AAOS), 2010-02-05

Think back to a time when paramedics didn't exist. When "drivers" simply brought injured patients to the hospital. When the EMS industry was in its infancy. A time before Nancy Caroline. Dr. Caroline's work transformed EMS and the entire paramedic field. She created the first national standard curriculum for paramedic training in the United States. She also wrote the first paramedic textbook: *Emergency Care in the Streets*. The impact that Dr. Caroline had on EMS and health care spanned across the U.S. and abroad. From establishing EMS systems to training paramedics, to providing better nourishment and health care for orphans, her work had a profound impact on humanity. Throughout her life, Dr. Caroline brought a sense of excitement, joy, and humor to her work. The American Academy of Orthopaedic Surgeons is proud to continue Dr. Caroline's legacy. Her sense of excitement and humor live on in this text, which is dedicated to her. The Sixth Edition honors Dr. Caroline's work with a clear, fun, understandable writing style for which she was known. Welcome back a familiar training companion to your classroom! Say hello to Sidney Sinus, AV Abe, and a cast of memorable characters and amusing anecdotes. Make learning for your students more fun!

Paramedic Practice Today: Above and Beyond: Volume 1 - Aehlert 2011

Providing the tools you need to succeed, Volume 1 of *Paramedic Practice Today: Above and Beyond* offers a solid foundation for paramedic practice and is now updated to reflect the 2010

emergency cardiovascular care guidelines. A conversational, easy-to-read style simplifies topics and helps you master National Standard Curriculum objectives and meet the new National Education Standards. It includes a companion DVD-ROM with step-by-step videos demonstrating the skills in the textbook and more. Because this book corresponds to the National Registry of EMTs National EMS Practice Analysis, it provides you with the best possible preparation for the National Registry exam. Unique! The new National Education Standards are referenced, as well as the National Standard Curriculum objectives. Unique! This textbook addresses the tasks in the NREMT 2004 National EMS Practice Analysis, which is the foundation for the NREMT exam. Four-part case scenarios appear in each chapter, and emphasize patient comfort and care: 1) an introduction sets up the scenario and asks questions, 2) the scenario continues, following the treatment of the patient and asking more questions, 3) the conclusion resolves the scenario and asks more questions, looking back on decisions that you've made, and 4) the summary answers all of the questions presented in parts 1-3. 35 skill sequences show each action with illustrated, step-by-step instructions. A companion DVD-ROM shows video clips of key skills in the book, along with medical animations, lectures, and skills video clips from other Elsevier titles. Pediatric Pearl boxes call attention to the differences for pediatric patients. Geriatric considerations are highlighted in special boxes to draw attention to the differences for elderly patients. Cultural Considerations boxes highlight helpful tips for interacting with people of various cultures. Paramedic Pearl boxes highlight important information from the text. An anatomy and physiology review begins chapters as needed, and for specific conditions, those chapters also include a description/definition, etiology, epidemiology and demographics, history, physical findings, differential diagnosis, therapeutic interventions, patient/family education, and prehospital pearls. Chapter Summaries are bulleted to help you review important information. Key Terms are defined in the terminology section at the end of each chapter for easy review before exams. Quizzes

end each chapter, with answers and rationales at the back of the textbook. Unique tools include a plastic heart rate ruler and a laminated 12-lead placement card. A comprehensive index and 2,222-term glossary cover all the content in Volumes 1 and 2, allowing you to quickly find key terms and topics. Herbal and drug indexes cover 50 herbal supplements and approximately 100 drugs.

Fahrenheit 451 - Ray Bradbury 1968

A fireman in charge of burning books meets a revolutionary school teacher who dares to read. Depicts a future world in which all printed reading material is burned.

Emergency Medical Services - Jane H. Brice
2021-08-12

The two-volume *Emergency Medical Services: Clinical Practice and Systems Oversight* delivers a thorough foundation upon which to succeed as an EMS medical director and prepare for the NAEMSP National EMS Medical Directors Course and Practicum. Focusing on EMS in the 'real world', the book offers specific management tools that will be useful in the reader's own local EMS system and provides contextual understanding of how EMS functions within the broader emergency care system at a state, local, and national level. The two volumes offer the core knowledge trainees will need to successfully complete their training and begin their career as EMS physicians, regardless of the EMS systems in use in their areas. A companion website rounds out the book's offerings with audio and video clips of EMS best practice in action. Readers will also benefit from the inclusion of: A thorough introduction to the history of EMS An exploration of EMS airway management, including procedures and challenges, as well as how to manage ventilation, oxygenation, and breathing in patients, including cases of respiratory distress Practical discussions of medical problems, including the challenges posed by the undifferentiated patient, altered mental status, cardiac arrest and dysrhythmias, seizures, stroke, and allergic reactions An examination of EMS systems, structure, and leadership

IT Disaster Response - Greg D. Moore

2016-12-19

Learn how to develop solutions to handle disasters both large and small. Real-world

scenarios illustrate the importance of disaster response (DR) planning. *IT Disaster Response* takes a different approach to IT disaster response plans. Rather than focusing on details such as what hardware you should buy or what software you need to have in place, the book focuses on the management of a disaster and various management and communication tools you can use before and during a disaster. This book examines disasters in general—a compilation of lessons the author learned over the course of years working in IT, reviewing plane crashes, and his experiences as a cave rescuer and cave rescue instructor. Although at first it may seem that none of these are really related, the truth is they all have elements in common. In each case, the unexpected has happened. Just as not all plane crashes are deadly, not all IT mishaps have terrible consequences. With the proper training and approach, many problems can either be avoided in the first place or better handled if they do arise. The book contains practical guidance on: How to think about a disaster both before it happens and while it's happening How to apply management skills used in other fields during disasters How to get everyone on board when it comes to planning for and handling disasters How to better deal with smaller, more manageable—and more frequently occurring—disasters What you'll learn Discover the difference between a DR solution and a DR plan Define a disaster — it's not always of the scale of a fire burning down the building. See when to actually implement your DR plan Who This Book Is For IT professionals in charge of developing their company's disaster recovery plan who also need to raise issues to the required C-level people to make sure they have a viable plan.

Emergency Response Guidebook - U.S.

Department of Transportation 2013-06-03

Does the identification number 60 indicate a toxic substance or a flammable solid, in the molten state at an elevated temperature? Does the identification number 1035 indicate ethane or butane? What is the difference between natural gas transmission pipelines and natural gas distribution pipelines? If you came upon an overturned truck on the highway that was leaking, would you be able to identify if it was

hazardous and know what steps to take? Questions like these and more are answered in the Emergency Response Guidebook. Learn how to identify symbols for and vehicles carrying toxic, flammable, explosive, radioactive, or otherwise harmful substances and how to respond once an incident involving those substances has been identified. Always be prepared in situations that are unfamiliar and dangerous and know how to rectify them. Keeping this guide around at all times will ensure that, if you were to come upon a transportation situation involving hazardous substances or dangerous goods, you will be able to help keep others and yourself out of danger. With color-coded pages for quick and easy reference, this is the official manual used by first responders in the United States and Canada for transportation incidents involving dangerous goods or hazardous materials.

Medical and Surgical Technicians -
Department Of The Army 2013-08

Handbook for EMS Medical Directors (March 2012) - U. S. Department of Homeland Security 2019-07-16

The purpose of this handbook is to provide assistance to both new and experienced medical directors as they strive to provide the highest quality of out-of-hospital emergency medical care to their communities and foster excellence within their agencies. The handbook will provide the new medical director with a fundamental orientation to the roles that define the position of the medical director while providing the experienced medical director with a useful reference tool. The handbook will explore the nuances found in the EMS industry—a challenge to describe in generalities due to the tremendous amount of diversity among EMS agencies and systems across the Nation. The handbook does not intend to serve as an operational medical practice document, but seeks to identify and describe the critical elements associated with the position.

Omaha Orange - Carl J. Post 2002

Essential reading for anyone who has ever wondered how EMS in America evolved into its present state.

**Comprehensive Healthcare Simulation:
InterProfessional Team Training and**

Simulation - John T. Paige 2020-01-31

This book focuses on InterProfessional (IP) Team Training and Simulation, from basic concepts to the practical application of IP in different healthcare settings. It thoroughly and comprehensively covers the role of simulation in healthcare, human factors in healthcare, challenges to conducting simulation-based IP, logistics, and applications of simulation-based IP in clinical practice. Supplemented by high-quality figures and tables, readers are introduced to the different simulation modalities and technologies employed in IP team training and are guided on the use of simulation within IP teams. Part of the authoritative Comprehensive Healthcare Simulation Series, InterProfessional Team Training and Simulation can be used in training for a variety of learners, including medical students, residents, practicing physicians, nurses, and health-related professionals.

Essentials of Emergency Medicine - Richard V. Aghababian 2010-10-22

A Practical Reference Guide to Emergency Care *Essentials of Emergency Medicine, Second Edition*, provides physicians and medical residents with a comprehensive reference guide to the practice of emergency medicine in clinical settings. Covering both complicated and straightforward issues, *Essentials of Emergency Medicine, Second Edition*, serves as a quick-reference handbook for the full range of challenges encountered in emergency departments, as well as a manual for physician self-assessment and study guide for those seeking recertification. This second edition, compiled by an editorial board of veteran emergency medicine providers, draws expert content from 184 contributors. New and updated chapters include expanded sections on pediatrics and toxicology as well as the latest science on emergency psychiatric care. With *Essentials of Emergency Medicine, Second Edition*, physicians and medical residents can readily assess and expand their knowledge of emergency medicine, ensuring their patients receive the highest quality care over the full continuum of treatment, from the emergency room to inpatient departments.

Aehlert's EMT-basic Study Guide - Barbara Aehlert 1998-01-01

The author, a well-known and respected specialist in the field, provides the reader with authoritative coverage of what the EMT needs to know, perfectly balanced between the question bank and the more comprehensive traditional text. The presentation is clear and concise, making the text an excellent addition to the EMT student's resources, as well as a perfect tool to use in reviewing for refresher courses.

Emergency - American Academy of Orthopaedic Surgeons 2006-03

Textbook for EMT training. The DVD walks students through the skills necessary to pass the EMT-Basic practical exam.

Rosen's Emergency Medicine - Concepts and Clinical Practice, 2-Volume Set, Expert Consult Premium Edition - Enhanced Online Features and Print, 7 - James Adams 2010-01-01

This reference places the latest information at users' fingertips, and a more streamlined format makes it easy to find the exact information quickly and conveniently. Includes access to a companion Web site for additional resources.

Nancy Caroline's Emergency Care in the Streets Advantage Package (Canadian Edition) - American Academy of Orthopaedic Surgeons (AAOS) 2020-02-18

Navigate 2 Advantage Access unlocks a complete Audiobook, Study Center, homework and Assessment Center, and a dashboard that reports actionable data. Experience Navigate 2 today at www.jblnavigate.com/2. In the early 1970s, Dr. Nancy Caroline developed the first paramedic textbook and transformed paramedic education. Today, the Paramedic Association of Canada is proud to continue this legacy, delivering world-class education to future paramedics in Canada and around the globe. The Eighth Edition offers cutting-edge, evidence-based content that aligns with current guidelines, standards, and literature from medical authorities across the spectrum of emergency medicine--from cardiac care, to stroke, to wilderness medicine, to trauma. Current, State-of-the-Art Medical Content Based on the National Occupational Competency Profiles and the latest CPR/ECC Guidelines, the Eighth Edition offers complete coverage of every competency statement with clarity and precision in a concise format that ensures comprehension and encourages critical thinking. Detailed

explanations of current practice and treatment provide an unparalleled clinical foundation for a successful career as a paramedic and beyond. Relevant medical concepts are presented to ensure students and instructors have accurate, insightful interpretation of medical science as it applies to prehospital medicine today. Application to Real-World EMS Through evolving patient case studies in each chapter, the Eighth Edition gives students real-world scenarios to apply the knowledge gained in the chapter, clarifying how the information is used to care for patients in the field, and pushing students to engage in critical thinking and discussion. Essential skill content is portrayed in detailed steps that are the ideal complement to the National Occupational Competency Profiles. A Foundation for Life The Eighth Edition provides a comprehensive understanding of anatomy, physiology, pathophysiology, medical terminology, and patient assessment. Clinical chapters discuss application of these key concepts to specific illnesses or injuries, using context to refine and solidify the foundational knowledge. Dynamic Technology Solutions Navigate 2 unlocks engaging tools that enable students and instructors to chart a swift path to success. The online learning resources include student practice activities and assessments and learning analytics dashboards. The online offering also includes the following for every chapter: Ready for Review chapter summaries Vital Vocabulary chapter definitions Assessment in Action scenarios with multiple-choice questions Points to Ponder scenarios to consolidate information and promote critical thinking

Emergency Medical Services, 2 Volumes - Jane H. Brice 2021-11-08

The two-volume *Emergency Medical Services: Clinical Practice and Systems Oversight* delivers a thorough foundation upon which to succeed as an EMS medical director and prepare for the NAEMSP National EMS Medical Directors Course and Practicum. Focusing on EMS in the 'real world', the book offers specific management tools that will be useful in the reader's own local EMS system and provides contextual understanding of how EMS functions within the broader emergency care system at a state, local, and national level. The two volumes

offer the core knowledge trainees will need to successfully complete their training and begin their career as EMS physicians, regardless of the EMS systems in use in their areas. A companion website rounds out the book's offerings with audio and video clips of EMS best practice in action. Readers will also benefit from the inclusion of: A thorough introduction to the history of EMS An exploration of EMS airway management, including procedures and challenges, as well as how to manage ventilation, oxygenation, and breathing in patients, including cases of respiratory distress Practical discussions of medical problems, including the challenges posed by the undifferentiated patient, altered mental status, cardiac arrest and dysrhythmias, seizures, stroke, and allergic reactions An examination of EMS systems, structure, and leadership
EMS Agenda for the Future - 1996

A National Trauma Care System - National Academies of Sciences, Engineering, and Medicine 2016-09-12

Advances in trauma care have accelerated over the past decade, spurred by the significant burden of injury from the wars in Afghanistan and Iraq. Between 2005 and 2013, the case fatality rate for United States service members injured in Afghanistan decreased by nearly 50 percent, despite an increase in the severity of injury among U.S. troops during the same period of time. But as the war in Afghanistan ends, knowledge and advances in trauma care developed by the Department of Defense (DoD) over the past decade from experiences in Afghanistan and Iraq may be lost. This would have implications for the quality of trauma care both within the DoD and in the civilian setting, where adoption of military advances in trauma care has become increasingly common and necessary to improve the response to multiple civilian casualty events. Intentional steps to codify and harvest the lessons learned within the military's trauma system are needed to ensure a ready military medical force for future combat and to prevent death from survivable injuries in both military and civilian systems. This will require partnership across military and civilian sectors and a sustained commitment from trauma system leaders at all levels to assure that

the necessary knowledge and tools are not lost. A National Trauma Care System defines the components of a learning health system necessary to enable continued improvement in trauma care in both the civilian and the military sectors. This report provides recommendations to ensure that lessons learned over the past decade from the military's experiences in Afghanistan and Iraq are sustained and built upon for future combat operations and translated into the U.S. civilian system.

Mosby's Paramedic Textbook - Mick J. Sanders 2012

Reflecting the 2010 Emergency Cardiovascular Care guidelines, Mosby's Paramedic Textbook, 4th Edition provides a comprehensive learning tool for both first-time and refresher paramedic students. Coverage includes an overview of key subjects such as pharmacology, airway management, medical disorders, patient assessment, and trauma. ALS patient care skills are presented step by step, both in the book and in online video clips. New to this edition are nine new chapters, many new topics, and 150 new photos. Written by paramedic expert Mick Sanders, Mosby's Paramedic Textbook follows the National EMS Education Standards and offers complete coverage of the National Standard Curriculum (NSC) for the EMT-Paramedic. More than 1,000 illustrations -- including 150 that are NEW -- accurately present different techniques and skills. Chapter openers, objectives and key terms set the stage for learning. Advanced Life Support (ALS) skills are presented step by step and in full color. Critical thinking questions help in understanding concepts and in applying them to patient care. A summary and a list of references in each chapter make review easier. A herbal appendix in the pharmacology chapter provides access to herbal content. Drug monographs on the Evolve companion website include Mosby's Essential Drugs, with instant access to comprehensive, up-to-date information on the medications that are administered by paramedics as well as those most commonly prescribed to patients. NEW! Nine new chapters and thoroughly updated content align the text with the new National EMS Education Standards and reflect the 2010 ECC (Emergency Cardiovascular Care) guidelines. NEW topics include coronary bypass,

endocarditis, adult IO infusion, bird flu, new fluid resuscitation guidelines for trauma patients, drugs of abuse (Vicodin, Oxycontin), prediabetes, and management of hypothermia and drowning. NEW Show Me the Evidence boxes show the value and impact of evidence-based research. NEW Did You Know? boxes supplement chapter content with interesting and relevant information. NEW Look Again feature includes cross-references and specific page numbers for easy review of information that was covered in earlier chapters. NEW farm considerations in the Trauma section enhance rural practice with the kinematics of farm machinery incidents. Additional Critical Thinking boxes encourage the application of critical thinking skills to "real-life" EMS. Additional cultural considerations enhance your ability to deal with the issues of multicultural patients. NEW Advanced Practice Procedures in Critical Care appendix provides an overview of specialty procedures for paramedics who work in critical care settings. Revised and updated Emergency Drug Index reflects the new 2010 ECC guidelines with coverage of more than 75 emergency drugs, their dose and administration, onset and duration, indications and contraindications, adverse reactions, and special considerations.

Handbook of Urban Services - Charles K. Coe
2015-04-08

With contributions from eminent scholars worldwide, this handbook is a "state-of-the-science" summary of the body of knowledge about cultural intelligence--an individual's ability to function effectively in situations characterized by cultural diversity--and its relevance for managing diversity both within and across

Nancy Caroline's Emergency Care in the Streets - Mike Smith 2012-08-16
PSG

The Fire Chief's Handbook, 7th Edition -
Richard A. Marinucci 2015-04-17

The Fire Chief's Handbook, 7th Edition continues Fire Engineering's 82-year tradition of publishing the definitive resource for advanced fire service training. The text has been completely updated to meet the changing environment and added responsibilities of the fire service. Returning authors have rewritten their chapter to address today's leadership and

administrative concerns, while new authors are also introduced to offer new perspectives. This comprehensive guidebook is designed for firefighters, company officers, and chief officers of all ranks and department types who want the latest information on the fundamentals of leadership in the fire service, as well as managing the day-to-day operations of a fire department.

Guidelines for Air Medical Crew Education -
2004

Introduction to EMS Systems - Bruce J. Walz
2002

This invaluable resource provides a broad, contemporary overview of EMS with a real-world focus on the field provider. Readers will appreciate the case studies that introduce chapter topics, as well as the learning objectives, glossary of terms, and study questions that make learning easier. Whether you're studying to become an EMS provider or need a general EMS reference tool for your medical library, this book will meet your needs.

Rhetorical Work in Emergency Medical Services
- Elizabeth L. Angeli 2018-08-30

Rhetorical Work in Emergency Medical Services: Communicating in the Unpredictable Workplace details how communicators harness the power of rhetoric to make decisions and communicate in unpredictable contexts. Grounded in a 16-month study in the emergency medical services (EMS) workplace, this text contributes to our theoretical, methodological, and practical understandings of the situation-specific processes that communicators and researchers engage in to respond to the urgencies and constraints of high-stakes workplaces. This book presents these intricate processes and skills—learned and innate—that workplace communicators use to accomplish goal-directed activity, collaborate with other communicators, and complete and teach workplace writing.

Emergency Medical Services for Children -
Institute of Medicine 1993-02-01

How can we meet the special needs of children for emergency medical services (EMS) when today's EMS systems are often unprepared for the challenge? This comprehensive overview of EMS for children (EMS-C) provides an answer by presenting a vision for tomorrow's EMS-C

system and practical recommendations for attaining it. Drawing on many studies and examples, the volume explores why emergency care for children—“from infants through adolescents”—must differ from that for adults and describes what seriously ill or injured children generally experience in today's EMS systems. The book points the way to integrating EMS-C into current emergency programs and into broader aspects of health care for children. It gives recommendations for ensuring access to emergency care through the 9-1-1 system; training health professionals, from paramedics to physicians; educating the public; providing proper equipment, protocols, and referral systems; improving communications among EMS-C providers; enhancing data resources and expanding research efforts; and stimulating and supporting leadership in EMS-C at the federal and state levels. For those already deeply involved in EMS efforts, this volume is a convenient, up-to-date, and comprehensive source of information and ideas. More importantly, for anyone interested in improving the emergency services available to children—“emergency care professionals from emergency medical technicians to nurses to physicians, hospital and EMS administrators, public officials, health educators, children's advocacy groups, concerned parents and other responsible adults”—this timely volume provides a realistic plan for action to link EMS-C system components into a workable structure that will better serve all of the nation's children.

Foundations of EMS Systems - Bruce Walz
2016-09-02

Foundations of EMS Systems, Third Edition is an introductory text in the Fire and Emergency Services Higher Education (FESHE) emergency medical services (EMS) series. It provides an overview for students, administrators, government officials, and others who need to know about the emergency medical services system.

Encyclopedia of Trauma Care - Peter Papadakis
2021-01-14

This encyclopedia is an authoritative compilation of practical information on major topics in trauma management. Its encyclopedic format will allow the reader to rapidly find up-to-date information on a specific topic of interest. The

book is organized in an organ-based manner for ease of use when a practitioner is confronted with a particular injury. Each chapter takes the form of a clearly structured review of the subject in question and includes informative illustrations and tables as well as lists of classic references. In addition to the full range of organ-specific injuries, a number of important further topics are covered, including critical care of the trauma patient, trauma system organization, mass injury scenarios, the impact of new technologies, complications in trauma care, and ethical issues. All of the authors are leading experts, and the encyclopedia will provide an excellent source of information for both basic and clinical scientists and trainees in various fields.

Emergency Care for Children - Institute of Medicine
2007-05-08

Children represent a special challenge for emergency care providers, because they have unique medical needs in comparison to adults. For decades, policy makers and providers have recognized the special needs of children, but the system has been slow to develop an adequate response to their needs. This is in part due to inadequacies within the broader emergency care system. *Emergency Care for Children* examines the challenges associated with the provision of emergency services to children and families and evaluates progress since the publication of the Institute of Medicine report *Emergency Medical Services for Children* (1993), the first comprehensive look at pediatric emergency care in the United States. This new book offers an analysis of:

- The role of pediatric emergency services as an integrated component of the overall health system.
- System-wide pediatric emergency care planning, preparedness, coordination, and funding.
- Pediatric training in professional education.
- Research in pediatric emergency care.

Emergency Care for Children is one of three books in the *Future of Emergency Care* series. This book will be of particular interest to emergency health care providers, professional organizations, and policy makers looking to address the pediatric deficiencies within their emergency care systems.

Law Enforcement Responder - Randy G. Stair
2012-04-15

Public safety professionals and emergency responders today face greater threats than ever

before in our history. The traditional role of law enforcement has vastly expanded to require extraordinarily broad-based emergency response capabilities. Law Enforcement Responder: Principles of Emergency Medicine, Rescue, and Force Protection prepares homeland security leaders, law enforcement officers, security professionals, and public safety officials for the wide range of emergency responses they must perform on a daily basis. The textbook addresses all of the competency statements in the National EMS Education Standards at the Emergency Medical Responder level, as well as additional lifesaving content specific to law enforcement that far exceeds the core curriculum. Important Notice: The digital edition of this book is missing some of the images or content found in the physical edition.

Paramedic Survival Guide - Peter A. DiPrima
2012-03-09

The book every paramedic needs to enhance their career and job performance Paramedic Survival Guide offers both novice and experienced paramedics a unique blend of case studies, testimonials, and advice from veterans to help them succeed on their jobs and advance their career. The book also offers advice on how to pick the correct EMT job, the recruitment and interview process, and various career paths and options open to paramedics. Valuable features include "Taking it to the Street" boxes detailing must-know on-the-job information.

The Frontier Nurse Practitioner - Lynn Jakobs, PhD, FNP-C
2017-03-28

This pioneering text is the first to present a framework for remote-rural and frontier nurse practitioners (NPs), with a focus on the political and contextual forces that influence practice. This groundbreaking text distills contextual knowledge required for frontier practice, describes how it differs from work in more populated locations, and discusses the special skills and training needed in this setting. It addresses the art and ethics of frontier practice, the relationship between federal policy and frontier health care, and how to advocate for adequate health care in remote areas. Also included are rich narrative case studies, in which NPs vividly describe why they decided to practice in the frontier environment. They also discuss the educational and work experience

needed for frontier practice, the potential complications of treating patients who are also friends and neighbors, and how to manage emergency medical and trauma experiences in remote environments. Key Features: Provides the first model for frontier and remote-rural NP practice based on narrative evidence Introduces the new frontier and remote (FAR) methodology and demonstrates its use in nursing research Illustrates how narrative nursing knowledge contributes to the discipline and informs theory Provides a systematic review of key literature relating to frontier NP practice Discusses the link between federal policy and rural health care and its impact on NP practice Distills educational and policy recommendations from the practice experiences of frontier NPs
Trauma Anesthesia - Charles E. Smith
2015-04-09

Trauma patients present a unique challenge to anesthesiologists, since they require resource-intensive care, often complicated by pre-existing medical conditions. This fully revised new edition focuses on a broad spectrum of traumatic injuries and the procedures anesthesiologists perform to care for trauma patients perioperatively, surgically, and post-operatively. Special emphasis is given to assessment and treatment of co-existing disease, including surgical management of trauma patients with head, spine, orthopaedic, cardiac, and burn injuries. Topics such as training for trauma (including use of simulation) and hypothermia in trauma are also covered. Six brand new chapters address pre-hospital and ED trauma management, imaging in trauma, surgical issues in head trauma and in abdominal trauma, anesthesia for oral and maxillofacial trauma, and prevention of injuries. The text is enhanced with numerous tables and 300 illustrations showcasing techniques of airway management, shock resuscitation, echocardiography and use of ultrasound for the performance of regional anesthesia in trauma.

Cardiopulmonary Critical Care - David R. Dantzker
1998

Provides current insights into critical abnormalities of the heart and lungs. The 3rd Edition includes chapters on microcirculation, regional distribution of blood flow, methods of increasing oxygen delivery, septic shock,

environmental lung injury, and the effects of high pressure environments. Much more focused toward the critical care aspects of cardiopulmonary disorders. Emphasizes the growing knowledge of the chemical basis for tissue injury and the role that inflammatory mediators play in cardiocirculatory failure in chapters on asthma, sepsis, respiratory distress, and septic shock. Provides brand-new chapters on the effects of injury in unusual situations such as diving and high altitude. Discusses modern concepts in the treatment of myocardial infarction, arrhythmias, adult respiratory distress syndrome, sepsis, pneumonia, and much more. Reviews the effects of various ventilatory modes on pulmonary and circulatory function.

FEATURES: Divides content into three sections: the pathophysiologic basis of cardiorespiratory failure, general principles of treating patients with cardiac, circulatory, and respiratory failure, and the clinical care of specific cardiac, circulatory, and respiratory diseases encountered in critical care. Discusses current topics of importance, including the role of cytokines in acute pulmonary injury, the biochemical basis of myocardial function, the control of cardiac output in normal and abnormal situations, oxygen transport and utilization, pulmonary mechanics in critical care, intensive care radiology, invasive and noninvasive treatment of acute and chronic respiratory failure, and more.

Emergency Medical Services - Institute of Medicine 2007-06-03

Emergency Medical Services (EMS) is a critical component of our nation's emergency and trauma care system, providing response and medical transport to millions of sick and injured Americans each year. At its best, EMS is a crucial link to survival in the chain of care, but within the last several years, complex problems facing the emergency care system have emerged. Press coverage has highlighted instances of slow EMS response times, ambulance diversions, trauma center closures, and ground and air medical crashes. This heightened public awareness of problems that have been building over time has underscored the need for a review of the U.S. emergency care system. *Emergency Medical Services* provides the first comprehensive study on this topic. This

new book examines the operational structure of EMS by presenting an in-depth analysis of the current organization, delivery, and financing of these types of services and systems. By addressing its strengths, limitations, and future challenges this book draws upon a range of concerns:

- The evolving role of EMS as an integral component of the overall health care system.
- EMS system planning, preparedness, and coordination at the federal, state, and local levels.
- EMS funding and infrastructure investments.
- EMS workforce trends and professional education.
- EMS research priorities and funding.

Emergency Medical Services is one of three books in the *Future of Emergency Care* series. This book will be of particular interest to emergency care providers, professional organizations, and policy makers looking to address the deficiencies in emergency care systems.

Hospital-Based Emergency Care - Institute of Medicine 2007-05-03

Today our emergency care system faces an epidemic of crowded emergency departments, patients boarding in hallways waiting to be admitted, and daily ambulance diversions. *Hospital-Based Emergency Care* addresses the difficulty of balancing the roles of hospital-based emergency and trauma care, not simply urgent and lifesaving care, but also safety net care for uninsured patients, public health surveillance, disaster preparation, and adjunct care in the face of increasing patient volume and limited resources. This new book considers the multiple aspects to the emergency care system in the United States by exploring its strengths, limitations, and future challenges. The wide range of issues covered includes:

- The role and impact of the emergency department within the larger hospital and health care system.
- Patient flow and information technology.
- Workforce issues across multiple disciplines.
- Patient safety and the quality and efficiency of emergency care services.
- Basic, clinical, and health services research relevant to emergency care.
- Special challenges of emergency care in rural settings.

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