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Mass Casualty events may occur as a result of natural or human-caused disasters or after an act of terrorism. The planning and response to disasters and catastrophes needs to take into consideration the distinction between progressive and sudden events. Insidious or slowly progressive disasters produce a large number of victims but over a prolonged time period, with different peaks in the severity of patients presenting to the hospital. For example, radiation events will produce a large number of victims who will present days, weeks, months, or years

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after exposure, depending on the dose of radiation received. The spread of a biological agent or a pandemic will produce an extremely high number of victims who will present to hospitals during days to weeks after the initial event, depending on the agent and progression of symptoms. On the other hand, in a sudden disaster, there is an abrupt surge of victims resulting from an event such as an explosion or a chemical release. After the sarin gas attack in a Tokyo subway in 1995, a total of 5500 victims were injured and required medical attention at local hospitals immediately after the attack. The car bomb that exploded near the American Embassy in Nairobi, Kenya, killed 213 people and simultaneously produced 4044 injured patients, many requiring medical

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care at local hospitals. The Madrid train bombing in March 2004 produced more than 2000 injured victims in minutes, overwhelming the city's healthcare facilities. More than 500 injured patients were treated at local hospital after the mass shooting in Las Vegas. Finally, earthquakes may produce a large number of victims in areas in which the medical facilities are partially or completely destroyed. Sudden events bring an immediate operational challenge to community healthcare systems, many of which are already operating at or above capacity. The pre-hospital as well as hospital planning and response to sudden mass casualty incidents (SMCI's) is extremely challenging and requires a standard and protocol driven approach. Many

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textbooks have been published on Disaster Medicine; although they may serve as an excellent reference, they do not provide a rapid, practical approach for management of SMCI's. The first edition of "Mass Casualty Incidents: The Nuts and Bolts of Preparedness and Response for Acute Disasters" dealt exclusively with sudden mass casualty incidents. The second edition will expand its focus and include planning and response for insidious and protracted disasters as well. This new book is designed to provide a practical and operational approach to planning, response and medical management of sudden as well as slow progressive events. The target audience of the second edition will be health care professionals and institutions, as well as

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allied organizations, which respond to disasters and mass casualty incidents. Parts I and II are essentially the first edition of the book and consist of planning of personnel, logistic support, transport of patients and equipment and response algorithms. These 2 parts will be revised and updated and include lessons learned from major mass shootings that occurred recently in the United States and other parts of the world Part III will describe the planning process for progressive disasters and include response algorithms and checklists. Part IV will handle humanitarian and mental health problems commonly encountered in disaster areas. Part V will deal with team work and communication both critical topics when handling catastrophes and mass casualty

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incidents. This new book will be a comprehensive tool for healthcare professionals and managers and should perform demonstrably better in sales and downloads. It will be of value at the pre-hospital as well as the hospital level, to plan and respond to the majority of catastrophes and mass casualty incidents.

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

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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.

**The Emergency Medical Responder
Course Guide, 1986**

First Responder Training Course

Emergency Medical Services Instructor

Management of EMS

Based on careful analysis of burden of

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disease and the costs of interventions, this second edition of 'Disease Control Priorities in Developing Countries, 2nd edition' highlights achievable priorities; measures progress toward providing efficient, equitable care; promotes cost-effective interventions to targeted populations; and encourages integrated efforts to optimize health. Nearly 500 experts - scientists, epidemiologists, health economists, academicians, and public health practitioners - from around

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the world contributed to the data sources and methodologies, and identified challenges and priorities, resulting in this integrated, comprehensive reference volume on the state of health in developing countries. The quintessential EMS instructor textbook, Emergency Medical Services Instructor guides new and existing EMS instructors through the instructional process and provides the foundation for classroom management, the integration

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of technology and distance learning into EMS education, and administrative issues to be addressed by the training leader. This text presents the traditional instructional design and teaching processes that have been successfully utilized in other professions and supported through the educational research literature. New and traditional EMS pedagogies are addressed throughout, with an emphasis on combining theory with practice. In

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addition to learning objectives, section summaries, and example lessons, case studies appear throughout the text to afford students an opportunity for application of knowledge. Emergency Medical Services Instructor serves as a foundational resource for all levels of EMS instructor training, functioning as a text for EMT instructor courses, as well as a supplement and reference for EMS training officers who want to update their knowledge and skill base.

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Emergency medical services and health and safety training programs

Emergency Medical Services, 2 Volume Set

Emergency Medical Services

Paramedic Care: Principles & Practice

Geriatric Education for Emergency

Medical Services (Gems)

"For courses in Paramedic Emergency Medical Services" A strong, evidence-based foundation in the principles and practice of modern EMS "Paramedic Care: Principles & Practice," Fifth Edition, offers EMS students and professionals a foundational

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guide and reference to paramedicine. Developed to stay ahead of current trends and practices, all five volumes are based on the National EMS Education Standards and the accompanying Paramedic Instructional Guidelines. Volume 1, "Introduction to Advanced Prehospital Care, " covers the principles of advanced prehospital care and EMS operations. Chapters detail 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. The final chapters of this volume cover lifespan development, pathophysiology, emergency pharmacology, intravenous access and medication administration and airway management and ventilation. Updated throughout, Volume 1 gives readers a fundamental understanding of EMS

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operations, basic medical science, and basic procedures. Also available with MyBRADYLab This title is also available with MyBRADYLab an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Within its structured environment, students practice what they learn, test their understanding, and pursue a personalized study plan that helps them better absorb course material and understand difficult concepts. Note You are purchasing a standalone product; MyBRADYLab does not come packaged with this content. Students, if interested in purchasing this title with MyBRADYLab, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. "

A true account of going through UCLA's famed Daniel Freeman

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Paramedic Program—and practicing emergency medicine on the streets of Los Angeles. Nine months of tying tourniquets and pushing new medications, of IVs, chest compressions, and defibrillator shocks—that was Kevin Grange's initiation into emergency medicine when, at age thirty-six, he enrolled in the "Harvard of paramedic schools": UCLA's Daniel Freeman Paramedic Program, long considered one of the best and most intense paramedic training programs in the world. Few jobs can match the stress, trauma, and drama that a paramedic calls a typical day at the office, and few educational settings can match the pressure and competitiveness of paramedic school. Blending months of classroom instruction with ER rotations and a grueling field internship with the Los Angeles Fire Department, UCLA's paramedic program is like a mix of boot camp and med school. I

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would turn out to be the hardest thing Grange had ever done—also the most transformational and inspiring. An in-depth look at the trials and tragedies that paramedic students experience daily. Lights and Sirens is ultimately about the best part of humanity—people working together to help save a human life.

Special Events Medical Services

A Series of Emergency Medical Service Courses for 1970-1971

Emergency Medical Services Instructor Training Program

Crash Victim Extrication Training Course : Course Guide

Training and Succeeding as an EMT/EMR?

The 2011 Update now reflects the new

2010 emergency cardiovascular care

guidelines. This straightforward EMT-

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Basic textbook follows the U.S. Department of Transportation National Standard Curriculum (NSC) for the EMT-Basic closer than any other textbook. It includes four new chapters, as well as supplemental information requested by instructors. The clear, easy-to-read writing style and visually engaging design make this text a favorite among EMT-Basic students. Plus, an all-new companion DVD, featuring all of the skill sequences contained in the

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textbook, is included. Instructor resources available; contact your sales representative for details. Precisely follows the U.S. Department of Transportation National Standard Curriculum (NSC) for the EMT-Basic. Prepares students for the National Registry EMT-Basic exam by providing information, assessments, and skills as exactly outlined in the curriculum. Introduces students to cognitive, affective, and psychomotor objectives

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found on in the NSC. Features a straightforward and easy-to-read writing style - without being overly simplistic. Uses an assessment-based treatment focus. Includes step-by-step instructions within Techniques boxes for each skill. An abundance of illustrations, special boxes, and engaging chapter openers make the text visually appealing for students. Case Studies at the beginning of each chapter prepare students for the

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material presented. Principle boxes illustrate the general concepts underlying the skills. EMT Alert boxes highlight critical information for patient care and rescuer safety. Content is updated to reflect the new 2010 emergency cardiovascular care guidelines. 198 new and updated illustrations - for a total of 680 illustrations New information on HIPAA, current CDC and OSHA specifications, and updated equipment. Four new

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chapters: Assisting with ALS, Geriatrics, Tactical Emergency Medical Support, and Weapons of Mass Destruction. These new chapters present information EMT-Basics need to know to be prepared for the field and not detailed in the NSC. A companion DVD, included with the textbook, offers an exciting alternative tool for students to learn skills. The DVD contains all of the skill sequences in the textbook. Each chapter contains supplemental

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information not in the NSC. For example, Respiratory Emergencies (Chapter 18) now includes information about emphysema, bronchitis, and asthma not found in the NSC. Expanded! Chapter 1: Introduction to Emergency Medical Care includes more detailed information about how to work with police officers and firefighters. Expanded! Chapter 16: Documentation is completely revised and updated. Expanded! Chapter 32: Ambulance Operations includes more

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detailed information about air medical transport and helicopter safety.

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

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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

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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

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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.

A National Standard Curriculum :

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Student Study Guide

EMERGENCY MEDICAL SERVICES SYSTEMS
DEVELOPMENT ACT OF 1973

Communicating in the Unpredictable
Workplace

Pediatric Emergency Medical Services
Training Program. Final Report

Training Technology Assessment

Emergency Medical Services: Clinical Practice and Systems
Oversight is the official textbook of the National Association
of EMS Physicians™ (NAEMSPTM) National EMS Medical
Directors Course and Practicum™. Now paired with a

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companion website featuring self-assessment exercises, audio and video clips of EMS best practices in action, and more, this essential study aid guides students through the core knowledge they need to successfully complete their training and begin their careers as EMS physicians. Emergency Medical Services: Clinical Practice and Systems Oversight consists of: Volume 1: Clinical Aspects of EMS Volume 2: Medical Oversight of EMS Companion website featuring supportive self-assessment exercises, audio and video clips

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

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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

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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

The Nuts and Bolts of Preparedness and Response to Protracted and Sudden Onset Emergencies

Education and Training Requirements for Emergency Medical Services Personnel

Crash Victim Extrication Training Course

first responder training course

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Emergency Medical Services for Children

Leadership is essential to the future of EMS and the success of our society. From the seasoned managers who seek to perfect their leadership skills to new providers who are preparing to rise up through the ranks, Leadership Essentials for Emergency Medical Services provides EMS professionals with the knowledge and skills they need to become true leaders. Part of the EMS Continuing Education series, the text is also ideal for use as a professional reference.

Emergency medical service providers serve as the primary immediate response to emergencies of all kinds, including natural disasters and acts of terrorism in the United

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States, with states serving as the regulatory agencies responsible for training, scope of practice, and continuing education for potential and working EMS providers. This text serves as a comprehensive guide to individuals in training to become emergency medical service providers and complements Emergency Medical Technician (EMT) and Emergency Medical Responder (EMR) courses as the primary classroom text consistent with National EMS Curriculum Standards and other industry guidelines. Each chapter addresses a relevant organ system and its physiology, methods of assessment, treatment recommendations, along with a case study to illustrate the topics at hand. So much of what is involved in emergency

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medical services is based on practical and applicable knowledge of situations, and these case studies will provide students with exposure to the field work they will be responding to. Written with the context of COVID-19 implications in mind, this is first EMT text of its kind produced after the onset of the pandemic, with considerations and citations from national and international emergency medicine journals to incorporate guidelines and best-practices in light of shifting conditions and expectations.

Instructor Training Course
Emergency Medical Services (EMS)
At the Crossroads

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A National Standard Curriculum : Instructor Lesson Plans State Emergency Medical Services Personnel Training Functional Anatomy for EMS is designed to meet the 1999 National Standard Curriculum for Paramedic Programs. It is the first anatomy and physiology book written with the EMS student in mind. It also provides a strong foundation for later studies in pathophysiology. In addition, this book is richly illustrated with key concepts drawn in detail for increased comprehension.

From staffing to set-up, Special Events Medical Services (SEMS) prepares EMS personnel to properly plan for and manage medical response at any type of special event in their community. This concise, highly interactive continuing education course consists of the SEMS textbook and online

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course. Since no two special events are alike; SEMS covers the basic principles to apply when planning for and working at any type of special event, including: Preplanning First aid station planning and set-up Communications Safety concerns Mass-casualty considerations Chapters on specific types of events include weather and outdoor events, stadium and mega-events, equestrian events and rodeos, and extreme and combat sports events. The SEMS online course walks students through the process of creating an emergency medical response plan and implementing it during a special event. An access code for the SEMS online course is printed on the inside front cover of this textbook. Providing standby services for special events requires specialized knowledge and skills beyond initial EMS training. With special events

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medical services training, new and seasoned EMS personnel alike can ensure a timely and appropriate medical response regardless of the special event size or type."

Disasters and Mass Casualty Incidents

Disease Control Priorities in Developing Countries

Mosby's EMT-basic Textbook

Emergency Medical Services. Instructor Training Course

Emergency Medical Technician : Student's Manual

Now published in partnership with the National Association of EMTs, the Second Edition of this national continuing education curriculum is the most credible and complete source of prehospital medical information for the older population. Geriatric Education for

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Emergency Medical Services (GEMS), Second Edition builds off the previous edition and includes expanded content that will cover new areas addressed in the National EMS Education Standards, including mobile integrated healthcare and disasters. The GEMS course is an innovative, comprehensive, and highly interactive 1-day course for both BLS and ALS providers with:

- *Online Precourse Modules**
- *Case-based lectures**
- *Live action video**
- *Hands-on skill stations**
- *Small group scenarios**

New to the Second Edition: A 2-day ALS course option is also available, featuring 8 hours of interactive online modules. The online

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courseware provides more advanced, in-depth content for ALS providers and explores the role of mobile integrated healthcare in improving the quality of life for older patients.

Management of EMS offers a solid resource to help readers learn how to fearlessly take on the unique challenges of EMS Management, including the strategic planning needed to create comprehensive and successful EMS Management programs. Teaching and Learning Experience Provides protocol and examples, along with real-life stories of success Offers a solid resource for frontline EMS

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supervisors

*Emergency Medical Technician : Instructor's
Manual*

*Leadership Essentials for Emergency Medical
Services*

Emergency Medical Technician

Emergency medical services

Rhetorical Work in Emergency Medical Services