

American Red Cross Emergency Medical Response

Rev. ed. of: First aid/CPR/AED for schools and the community. 3rd ed. c2006.

Meant to aid State & local emergency managers in their efforts to develop & maintain a viable all-hazard emergency operations plan. This guide clarifies the preparedness, response, & short-term recovery planning elements that warrant inclusion in emergency operations plans. It offers the best judgment & recommendations on how to deal with the entire planning process -- from forming a planning team to writing the plan. Specific topics of discussion include: preliminary considerations, the planning process, emergency operations plan format, basic plan content, functional annex content, hazard-unique planning, & linking Federal & State operations.

Developed by WHO and the International Committee of the Red Cross in collaboration with the International Federation for Emergency Medicine Basic Emergency Care (BEC): Approach to the acutely ill and injured is an open-access training course for frontline healthcare providers who manage acute illness and injury with limited resources. BEC teaches a systematic approach to the initial assessment and management of time-sensitive conditions where early intervention saves lives. It includes modules on: the ABCDE and SAMPLE history approach trauma difficulty in breathing shock and altered mental status. The practical skills section covers the essential time-sensitive interventions for these key acute presentations. The BEC package includes a Participant Workbook and electronic slide decks for each module. BEC integrates the guidance from WHO Emergency Triage Assessment and Treatment (ETAT) for children WHO Pocket Book of Hospital Care for Children WHO Integrated Management of Pregnancy and Childbirth and the Integrated Management of Adult/Adolescent Illness (IMAI).

The first moments after an injury occurs are the most critical. This authoritative guidebook, based on course materials used by Red Cross chapters across the United States, shows you how to handle every type of first aid emergency.

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. Hospital-Based Emergency Care 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. Responding to Emergencies Comprehensive First Aid/CPR/AED Staywell (CA) Emergency Medical Response American Red Cross Emergency Medical Response Participant's Manual Staywell (CA) Emergency Medical Response Student Kit American Red Cross First Aid/CPR/AED Participant's Manual Staywell Company

"Designed for use by persons who are responsible for giving emergency care to the sick and injured. It provides the essential information for developing the functional first aid capabilities required by policemen, firemen, emergency squad members, and ambulance attendants."--Preface.

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.

Discusses the history and techniques of swimming and diving, safety rescue techniques, and skills for a variety of aquatic activities.

20-2804

This New American Red Cross CPR/AED for the Professional Rescuer Participant's Manual and course reflect changes based on the 2005 Consensus on Science for CPR and Emergency Cardiovascular Care (ECC) and the Guidelines 2005 for First Aid. Changes to this program and manual include simplifications to many of the CPR skill sequences, which helps improve retention. There have also been changes to help improve the quality of CPR. The integration of CPR skills into the operation of AEDs had changed to help improve survival from sudden cardiac arrest. Professional rescuers are now trained to use AEDs on adults and children. Information has been updated and added to this program to help professional rescuers administer epinephrine, aspirin and fixed-flow-rate oxygen. The skills learned in this course include adult, child and infant rescue breathing, conscious and unconscious choking, CPR, two-rescuer CPR and adult and child AED. Additional training can be added to this course including bloodborne pathogens training and emergency oxygen administration. While the skills and knowledge that professional rescuers use are increasing, this training will help you meet your most important responsibility as a professional rescuer- the responsibility to save lives.

Preparedness, Response and Recovery Considerations for Children and Families is the summary of a workshop convened in June, 2013 by the Institute of Medicine Forum on Medical and Public Health Preparedness for Catastrophic Events to discuss disaster preparedness, response, and resilience relative to the needs of children and families, including children with special health care needs. Traditional and non-traditional medical and public health stakeholders from

across federal, state, and local government health care coalitions, community organizations, school districts, child care providers, hospitals, private health care providers, insurers, academia, and other partners in municipal planning met to review existing tools and frameworks that can be modified to include children's needs; identify child-serving partners and organizations that can be leveraged in planning to improve outcomes for children; highlight best practices in resilience and recovery strategies for children; and raise awareness of the need to integrate children's considerations throughout local and state emergency plans. Communities across the United States face the threat of emergencies and disasters almost every day, natural and man-made, urban and rural, large and small. Although children represent nearly 25 percent of the U.S. population, current state and local disaster preparedness plans often do not include specific considerations for children and families. The preparedness and resilience of communities related to children will require a systems framework for disaster preparedness across traditional and non-traditional medical and public health stakeholders, including community organizations, schools, and other partners in municipal planning. This report examines resilience strategies that lead to successful recovery in children after a disaster and discusses current approaches and interventions to improve recovery in children.

The COVID-19 pandemic has shown how vulnerable the world was to a truly global catastrophe. But another, bigger, catastrophe has been building for many decades, and humanity is still lagging far behind in efforts to help communities and countries to adapt to the realities of it. The impacts of global warming are already killing people and devastating lives and livelihoods every year, and they will only get worse without immediate and determined action. The frequency and intensity of climatological events are increasing substantially, with more category 4 and 5 storms, more heatwaves breaking temperature records and more heavy rains, among many other extremes. Loss of natural resources, food insecurity, direct and indirect health impacts, and displacement are likewise on the rise. Many communities are being affected by concurrent and consecutive disasters, leaving them with little time to recover before the next shock arrives. But it doesn't have to be like this. The 2020 World Disasters Report argues that there has never been a better time to face up to climate disasters, because climate change won't wait for COVID-19 to be brought under control.

In the aftermath of a disaster, medical infrastructure is often significantly impacted or destroyed in the affected zone. Recognizing the need for an effective system for deployment in disaster zones, the Emerging Security Challenges Division within NATO's Science for Peace and Security Program (SPS) initiated the development of a multinational telemedicine system (MnTS). Such a system can improve access to health services and increase survival rates in emergency situations spanning both geographical and time zones. This book presents a review of this NATO-funded MnTS, and follows the thematic approach to its development. The book is divided into 14 chapters; Chapter 1 includes a historical review of telemedicine and disasters and Chapter 2 provides a historical perspective of NATO's efforts in the field of telemedicine, while Chapters 3 – 12 summarize the development of the MnTS. Critical components of the MnTS are addressed, such as overall organizational structure, the integration of information technology, legal and regulatory considerations, and outreach and public awareness. The evaluation of the MnTS in a field exercise is described, and the book closes with a final summary of the MnTS. The book addresses the challenges faced in deploying telemedicine following a disaster, such as IT, language, culture and legal issues, and provides a template for making telemedicine part of international disaster response.

Packed with step-by-step instructions, how-to explanations, and practical approaches to outdoor and wilderness emergencies, this newly updated guide explains the best ways to respond to just about any medical problem when help is miles or days away. Logically organized, "Medicine for the Outdoors" may literally save a life.

Deliver quality healthcare in the most challenging field conditions Full of practical clinical pearls and proven strategies, this indispensable guide shows you how to operate outside your comfort zone and devise effective treatment solutions when the traditional tools (medications, equipment, and staff) are unavailable—or when you need to provide care outside of your specialty. **Improvised Medicine** is a must for anyone who plans to work in global, disaster, or other resource-poor settings. **FEATURES:** Simple-to-follow directions, diagrams, and illustrations describe practical techniques and the improvised equipment necessary to provide quality care during crises. Contains improvisations in anesthesia and airway management, dentistry, gynecology/obstetrics, infectious disease/laboratory diagnosis, internal medicine, otolaryngology, pediatrics and malnutrition, orthopedics, psychiatry, and surgery. Also includes basic disaster communication techniques, post-disaster forensics, a model hospital disaster plan, and innovative patient-transport methods. **LEARN HOW TO:** Make an endotracheal tube in seconds Perform digital-oral and blind-nasotracheal intubations Make plaster bandages for splints/casts Give open-drop ether, ketamine drips, and halothane Use subcutaneous/intraperitoneal rehydration/transfusion Make ORS and standard nutrition formulas Clean, disinfect, and sterilize equipment for reuse Warm blood units in seconds inexpensively Take/view stereoscopic x-rays with standard equipment Quickly and easily stop postpartum hemorrhage Fashion surgical equipment from common items Evacuate patients easily for high-rise hospitals Make esophageal and precordial stethoscopes Quickly improvise a saline lock Make ECG electrode/defibrillator pads and ultrasound gel

"What a wonderful resource!"--Doody's Medical Reviews "The 4th Edition is unique in recognizing the rapid changes in both the causes of crises and the latest attempts to provide timely multidisciplinary approaches to the practice of this growing specialty...Evident throughout this edition is the call to identify crisis leadership among the increasingly talented base of nurses who have responsibility to move the profession to recognize and accept that they can be advocates for better planning, coordination, education and training." - Frederick M. Burkle, Jr., MD, MPH, DTM, PhD(Hon.), FAAP, FACEP Senior Fellow & Scientist, Harvard Humanitarian Initiative, Harvard University & T.C. Chan School of Public Health From the Foreword "This impressive edition builds upon the solid foundation of the first three award-winning editions with an expanded focus on climate change related disasters, globalization and its implications for emerging and re-emerging infectious diseases, the accommodation of high-risk, high-vulnerability populations, and the potential for disaster arising from a world witnessing increasing community violence and civil unrest." -Patricia M. Davidson, PhD, MED, RN, FAAN Professor & Dean, Johns Hopkins School of Nursing From the Foreword "The contributing authors read like a "Who's Who" of disaster leaders. They lend their special expertise and insights, which are supported and elucidated by cogent learning strategies in the use of case studies, student questions, and packed content in all areas of disaster participation, preparedness, policies, and research. For over 16 years [this book] has been the hallmark text in its field and this edition proves to be the best ever." -Loretta C. Ford, RN, PNP, EdD Dean Emeritus, University

of Rochester School of Nursing Founder of the National Nurse Practitioner Program Member, National Women's Hall of Fame
Featuring the most current, valid, and reliable evidence-based content available, this three-time AJN winner once again presents an unparalleled resource for disaster and emergency preparedness. Disasters lay heavy burdens upon healthcare systems that stretch all levels of society. While natural and man-made disasters are not new, the global nature, rate, type, and totality of their impact has only increased. The fourth edition of this foundational text uniquely addresses the rapid changes in these crises and analyzes the latest attempts to provide timely, multidisciplinary healthcare. Nurses consistently comprise seventy or more percent of responders to local, national, regional, and global crises, and represent a potentially untapped resource to achieve surge capacity goals and optimize population health outcomes. Considering recent world events and increasing geopolitical tensions, *Disaster Nursing and Emergency Preparedness, Fourth Edition* now features expanded content on the ubiquitous threat of terrorism, potential detonation of thermonuclear weapons, emerging and reemerging infectious diseases, and increasing frequency and intensity of natural disasters from climate change. This text promotes competency-based expert nursing care during disasters and positive health outcomes for small and large populations consistent with the Federal Disaster Response Framework. Whenever possible, content is mapped to published core competencies for preparing health professions' students for response to terrorism, disaster events, and public health emergencies. The fourth edition retains the clearly organized format in each chapter that includes an overview, learning objectives, a summary, and case study with reflective questions. New to the Fourth Edition: Addresses the most recent landmark agreements Sendai Framework for Disaster Risk Reduction 2015–2030, the United Nations' Sustainable Development Goals, and the Paris Climate Agreement Covers public health emergencies involving community violence and civil unrest Expands coverage of planning for and accommodating high-risk, high-vulnerability populations Aligns with the U.S. National Health Security Strategy and the National Planning Frameworks Provides focused content on medical countermeasures Includes an improved instructor package with guide, PowerPoint slides, and case studies with questions for reflection in every chapter

The First Aid Manual is the UK's only fully authorised first aid guide, endorsed by St John Ambulance, St Andrew's First Aid and the British Red Cross and packed with step-by-step first aid advice. Used as the official training manual for the UK's leading first aid organisations' courses, the bestselling First Aid Manual covers all aspects of first aid, from emergency first aid and first aid for babies and children, to the latest guidelines on resuscitation, helping a drowning casualty, and snake bites. Find out how to treat over 100 different conditions from splinters and sprained ankles to strokes and unresponsiveness and how to use essential equipment including a defibrillator. Step-by-step photography, all shot in-situ to reflect real-life issues, shows you what to do in any situation. The ideal first aid book for you and your family, keep the First Aid Manual handy; it could be a life-saver. (Previous edition ISBN 9781409342007)

Updated To The new National EMS Education Standards and endorsed by the American Academy of Orthopaedic Surgeons, The fifth edition of our core first responder textbook, *Emergency Medical Responder*, continues to take an assessment-based approach to emergency medical responder training. Designed to meet the needs of law enforcement personnel, fire fighters, rescue squad personnel, athletic trainers, college students, and laypersons, The text and features found in the fifth edition will help students take the next step toward becoming outstanding Emergency Medical Responders.

This text is intended as a guide for lifeguards, for lifeguard training instructors, and for managers of aquatic facilities who want to establish a system for selecting, training, and using lifeguards ... This text focuses on the skills and knowledge an individual requires to properly assume lifeguarding responsibilities at a swimming pool, water park, or a protected (nonsurf) open-water beach. This text emphasizes that additional training will need to be provided by aquatic facilities where lifeguards are employed. -Chap. 1.

As the number of community pools and waterparks grows nationwide, participation in aquatic activities is also growing. Lifeguards must receive proper and effective training, and maintain their skills to ensure their ability to work effective with others as a part of a lifeguard team. This manual will supplement your in-service training to keep your knowledge and skills sharp.

The leader in the field, *Emergency Medical Responder, Ninth Edition*, provides clear first responder-level training for fire service, emergency, law enforcement, military, civil, and industrial personnel. The new ninth edition retains many successful features from previous editions and includes new topics and concepts that have recently become part of most *Emergency Medical Responder* programs. The foundation of this text is the new National Emergency Medical Services Education Standards for *Emergency Medical Responder*, and it also includes the 2010 American Heart Association guidelines for *Cardiopulmonary Resuscitation and First Aid*.

Intensely practical and down to earth, this timely new text covers the breadth of health emergency preparedness, resilience and response topics in the context of inter-disciplinary and whole society responses to a range of threats. It includes public, private and third sector roles in preparation for and in response to natural and man-made events, such as: major incident planning; infectious disease epidemics and pandemics; natural disasters; terrorist threats; and business and service continuity management. The book builds upon the basics of risk assessment and writing an emergency plan, and then covers inter-agency working, command and control, communication, personal impact and business continuity as well as training, exercises and post-incident follow up. Detailing the full emergency preparedness and civil protection planning cycle, the book is illustrated throughout with real-life examples and case studies from global experts in the field for countries with both advanced and developing healthcare systems. This practical handbook covering the essential aspects of major incident and disaster management is ideal for undergraduate and master's students in emergency management and public health, as well as for practitioners in emergency preparedness and civil protection. It will be valuable to all health practitioners from ambulance, hospital, primary and community care, mental health and public health backgrounds.

In the devastation that follows a major disaster, there is a need for multiple sectors to unite and devote new resources to support the rebuilding of infrastructure, the provision of health and social services, the restoration of care delivery

