

# Resident Readiness Emergency Medicine

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*Wischnitzer's Residency Manual* Saul Wischnitzer 2006-06-26 Residency is a defining period in a physician's life because it is the decisive stage for personal growth, intellectual challenge and emotional stress. It is a major transitional period transforming a medical student into a practice-ready physician. This role-change for the physician-in-training usually takes place in a new setting and necessitates coping with conflicting demands, heavy responsibility and long work hours. Adding to the residents' burden is the ongoing need to manage their financial, social and work demands. This manual was designed to help medical students on this final critical segment of their journey to become practicing physicians. It will enhance the students' awareness of the potential obstacles along the way and provide them with guidance on how to avoid them. The book includes: selecting an appropriate specialty, maximizing the chances of being selected, surviving residency and beginning practice.

**Clinical Emergency Medicine** Scott C. Sherman 2014-01-10 Ninety-eight of the chief complaints and disorders you're most likely to encounter in the ED! A clear, concise guide for clinicians new to the Emergency Department A Doody's Core Title for 2015! Written by authors who are practicing emergency physicians and emergency medicine educators, *Clinical Emergency Medicine* distills the entire content of the emergency medicine curriculum into less than

one hundred succinct, clinically relevant chapters. This unique book is intended to guide you through what you must know and be able to do during an actual shift and give you a better understanding of the issues and problems you will face while working in the Emergency Department. Featuring a consistent, find-it-now design, *Clinical Emergency Medicine* delivers concise, must-know information on ninety-eight chief complaints and disorders, ranging from asthma and chest pain to fever and poisoning. Each chapter begins with Key Points, followed by an Introduction, Clinical Presentation (History and Physical Examination), Diagnostic Studies, Medical Decision Making, Treatment and Disposition, and Suggested Reading. Whenever possible, the authors provide practical advice on drug dosing, the medical decision-making thought process, treatment plans, and dispositions that will be of value in a clinical environment. Numerous diagnostic algorithms simplify the problem and point you towards a solution. Valuable to medical students, physician assistants, nurse practitioners, and junior level residents, *Clinical Emergency Medicine* teaches you things that may not have been covered in medical or physician assistant school, but have an important bearing on patient outcomes.

**Resident Readiness Emergency Medicine** Ted Clark 2014-04-15 ARE YOU READY? GET RESIDENT READY. Resident Readiness: Emergency Medicine prepares you for success during your

emergency medicine internship. Inside is a full range of clinical scenarios you may experience during your emergency medicine residency, supported by comprehension questions with detailed answer explanations and tips to remember. You will also learn the clinical problem-solving process so you can think quickly on your feet, especially when time is critical. With this book's step-by-step guidance, you will gain the confidence you need to perform at your best on Day One of your residency. Beyond treating your patient, Resident Readiness prepares you to: Build a framework for an efficient approach to ED patient care Recognize life-threatening presentations Prepare for critical care challenges Build a solid foundation in EMS and Ultrasound Provide appropriate discharge planning and follow up from the ED

Comprehensive Healthcare Simulation: Mastery Learning in Health Professions Education William C. McGaghie 2020-03-10 This book presents the parameters of Mastery Learning (ML), an especially stringent variety of competency-based education that guides students to acquire essential knowledge and skill, measured rigorously against a minimum passing standard (MPS). As both a scholarly resource and a teaching tool, this is a "how to" book that serves as a resource for a wide variety of health professions educators. A seminal source of information and practical advice about ML, this book divided into five parts: Clinical Education in the Health Professions, The Mastery Learning Model, Mastery Learning in Action, Transfer of Training from Mastery Learning and The Road Ahead. Complete with high-quality images and tables, chapters take an in-depth look into ML principles and practices across the health professions. Specific educational content instructs readers on how to build and present ML curricula, evaluate short and long-run results, conduct learner debriefing and give powerful feedback, set learner achievement standards, and prepare faculty for new educational roles. An invaluable

addition to the Comprehensive Healthcare Simulation Series, Mastery Learning in Health Professions Education is written and edited by leaders in the field for practicing clinicians in a variety of health professions.

### **Critical Care Emergency Medicine**

David Farcy 2011-10-27 The first comprehensive text on critical care emergency medicine "...goes a long way toward establishing emergency physicians as credible intensivists....The book is unique as it blends the perspective of a true intensivist with that of emergency medicine. The book is the first of its kind, and I predict it will become known as the standard reference for those emergency physicians, as well as others, who wish to understand the overlap between emergency medicine and critical care."--Thomas M. Scalea, MD, FACS, FCCM, R. Adams Cowley Shock Trauma Center and University of Maryland School of Medicine (from the foreword) Critical Care Emergency Medicine is destined to become the standard reference for all clinicians who wish to understand the overlap between emergency medicine and critical care. Written by experienced emergency physicians and intensivists, the book is unique in incorporating both perspectives into the practice of emergency medicine and critical care. Critical Care Emergency Medicine teaches emergency physicians everything they must know and do to better care for critically ill patients in an emergency department or to provide care in an ICU. Enhanced by numerous algorithms that speed decision making and full-color illustrations demonstrating anatomy and technique, this book is an essential practice tool. Critical Care Emergency Medicine delivers expert guidance on managing: Airway and Ventilatory Support Pulmonary Disorders Cardiovascular Disorders Gastrointestinal and Renal Disorders Neurologic and Neurosurgical Disorders Hematologic and Endocrine Disorders Infectious Diseases Toxicologic Disorders You will also find important information on the use of ultrasound, fluid management,

nutritional support, pediatric considerations, patient transportation, and end-of-life issues.

**Atlas of Emergency Radiology** Jake Block 2013-04-08 The first atlas of emergency diagnostic imaging that brings together every must-know radiographic method and technique Includes nearly 1,500 clinical images! Whether it's a CT, MRI, ultrasound, or x-ray, this comprehensive, hands-on resource helps you read and understand any imaging study--and guides you step-by-step through the process of making a proper diagnosis based on radiographic results. The Atlas of Emergency Radiology is filled with diagnostic images for the full spectrum of acute conditions and emergencies. Filled with 1,484 figures that demonstrate clinical findings Concise text solidifies your grasp of clinical and imaging correlations and includes: Radiographic summary Clinical implications Radiographic pearls Unique, up-to-date chapter on pediatric problems reviews the full range of medical issues associated with children

**Improvised Medicine: Providing Care in Extreme Environments** Kenneth Iseron 2012-04-05 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

**A Safer Future** National Research Council 1991-02-01 Initial priorities for U.S. participation in the International Decade for Natural Disaster Reduction, declared by the United Nations, are contained in this volume. It focuses on seven issues: hazard and risk assessment; awareness and education; mitigation; preparedness for emergency response; recovery and reconstruction; prediction and warning; learning from disasters; and U.S. participation internationally. The committee presents its philosophy of calls for broad public and private participation to reduce the toll of disasters.

*Goldfrank's Toxicologic Emergencies, Eleventh Edition* Lewis S. Nelson 2018-08-22 Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Goldfrank's is the premier toxicology textbook that should be in every emergency department or poison center library.

Whether you are a student, resident, or faculty, there is something here for you. If you are a toxicology fellow or poison specialist studying for your boards, this is your go-to book. I highly recommend this work...  
-The Journal of Emergency Medicine  
The best edition yet of the landmark text in medical toxicology A Doody's Core Title for 2020! Covering every aspect of poison management, this indispensable case-based resource has been thoroughly refreshed to deliver evidence-based principles viewed through the lens of an active bedside clinical practice. In no other reference will you find such a diverse roster of esteemed editors and authors who deliver expert insights into every type of toxicologic emergency, whether due to substance abuse or exposure to toxins. Fully referenced and supported by a cohesive organization and full-color format, Goldfrank's begins with a historical perspective on medical toxicology principles and the general approach to the patient. It then progresses to the fundamental principles of medical toxicology, encompassing biochemical and molecular concepts; the effect of xenobiotics on vital organs and body systems; and toxicologic principles in special populations. The Eleventh Edition of Goldfrank's Toxicologic Emergencies is the most rigorous volume to date, driven by a precise analysis of the latest medical literature and complex cases designed to facilitate differential diagnosis. New to this Edition: • Additional cases and "Special Considerations" chapters designed to enhance clinical decision-making and patient outcomes • New "Antidotes in Depth" provides timely, critical information on toxicologic treatment strategies • New content on toxicogenomics explores its increasingly important role in predictive toxicology • Chapter-ending bulleted summaries of key points • Updated coverage of synthetics such as "K2" • Revised chapters on medical, clinical, and chemical toxicology include updated insights on poison emergencies, treatment strategies, and risk assessment tools

Resident Readiness General Surgery  
Debra Klamen 2013-10-22 ARE YOU READY? GET RESIDENT READY. Resident Readiness: General Surgery prepares you for success during your surgical internship. Inside is a full range of scenarios you may experience during your residency, supported by comprehension questions with detailed answer explanations and tips to help you remember. You will also learn the clinical problem-solving process so you can think quickly on your feet, especially when time is critical. With the book's step-by-step guidance, you will gain the confidence you need to perform at your best on Day One of your residency. BEYOND TREATING YOUR PATIENT, RESIDENT READINESS PREPARES YOU TO Handle inpatient problems on the floor Manage patients in the ED, including trauma Follow up with patients in the outpatient clinics post-surgery Triage multiple simultaneous admissions and/or consults

**Reichman's Emergency Medicine Procedures, 3rd Edition** Eric F. Reichman 2018-12-21 The most clear, complete, and easy-to-understand review of emergency medicine procedures - enhanced by an animation library and more than 1,500 full-color photographs Reichman's Emergency Medicine Procedures, Third Edition is written to provide a detailed, step-by-step approach to more than 200 procedures performed in an emergency or acute care setting. This trusted classic will provide medical students, residents, advanced practice clinicians, and the seasoned emergentologist with a reliable, one-stop procedural reference on which to base clinical practices and technical skills. The Third Edition is enhanced by added chapters, algorithms, clinical pictures, radiographs, tables, and coverage of cutting-edge technological advancements. Features:  
• Organized into 16 sections, each representing an organ system, an area of the body, or a surgical specialty.  
• Each chapter is devoted to a single procedure • Chapters have a similar format that encompasses: • Relevant anatomy and pathophysiology • Indications and

contraindications for the procedure. Preparation for the patient, including consent, anesthesia, and analgesia. Step-by-step description of the procedure. Cautions that indicate common problems. Alternative techniques and helpful hints. Aftercare and follow-up. Potential complications. Summary of critical information. More than 1,500 full-color photographs. Companion online library of animations demonstrates approximately 40 common or difficult procedures. Includes both common and infrequently encountered procedures. Important evidence-based recommendations throughout. Helpful pedagogy includes key information, cautions, and important facts highlighted in bold. The techniques presented in this book will dramatically expand your understanding of emergency medicine procedures, and most importantly, your ability to deliver positive patient outcomes.

Core Entrustable Professional Activities for Entering Residency  
Association of American Medical Colleges 2014-05-28 This landmark publication published by the AAMC identifies a list of integrated activities to be expected of all M.D. graduates making the transition from medical school to residency. This guide delineates 13 Entrustable Professional Activities (EPAs) that all entering residents should be expected to perform on day 1 of residency without direct supervision regardless of specialty choice. The Core EPAs for Entering Residency are designed to be a subset of all of the graduation requirements of a medical school. Individual schools may have additional mission-specific graduation requirements, and specialties may have specific EPAs that would be required after the student has made the specialty decision but before residency matriculation. The Core EPAs may also be foundational to an EPA for any practicing physician or for specialty-specific EPAs. Update: In August 2014, the AAMC selected ten institutions to join a five-year pilot to test the implementation of

the Core Entrustable Professional Activities (EPAs) for Entering Residency. More than 70 institutions, representing over half of the medical schools accredited by the U.S. Liaison Committee on Medical Education (LCME), applied to join the pilot, demonstrating the significant energy and enthusiasm towards closing the gap between expectations and performance for residents on day one. The cohort reflects the breadth and diversity of the applicant pool, and the institutions selected are intended to complement each other through the unique qualities and skills that each team and institution brings to the pilot. Faculty and Learners' Guide (69 pages) - Developing faculty: The EPA descriptions, the expected behaviors, and the vignettes are expected to serve as the foundation for faculty development. Faculty can use this guide as a reference for both feedback and assessment in pre-clinical and clinical settings. - Developing learners: Learners can also use this document to understand the core of what is expected of them by the time they graduate. The EPA descriptions themselves delineate the expectations, while the developmental progression laid out from pre-entrustable to entrustable behaviors can serve as the roadmap for achieving them.

**Ma and Mateers Emergency Ultrasound, 4th edition** O. John Ma 2020-10-06 The pioneering text in emergency ultrasound—the only guide you will need Doody's Core Titles for 2021! Ma and Mateer's Emergency Ultrasound has been the definitive text for clinicians since it was first published. Now updated with new chapters, expanded coverage, and new video, this generously illustrated guide covers the training, techniques, and skills for successfully applying point-of-care ultrasound, with a special emphasis on clinical issues commonly encountered in the emergency or acute care settings. Features Well-organized chapters address: Clinical considerations and indications Anatomical considerations Techniques Common abnormalities Pitfalls Video

cases Coverage of trauma, cardiac, critical care, pulmonary, hepatobiliary, renal, testicular, and other ultrasound applications Expanded chapters on cardiac and musculoskeletal ultrasound Useful measurements and quantitative references throughout Side-by-side comparisons of normal and abnormal scans New chapters on resuscitation of the critically ill and regional anesthesia Videos easily accessed via QR codes More than 800 photos and illustrations With consistent chapter organization that makes it easy to find the answers you need, this peerless text serves as an essential roadmap and reference to point-of-care ultrasound.

**Dengue** World Health Organization 2009 This publication is intended to contribute to prevention and control of the morbidity and mortality associated with dengue and to serve as an authoritative reference source for health workers and researchers. These guidelines are not intended to replace national guidelines but to assist in the development of national or regional guidelines. They are expected to remain valid for five years (until 2014), although developments in research could change their validity.--Publisher's description

Research Priorities in Emergency Preparedness and Response for Public Health Systems Institute of Medicine 2008-01-22 Schools of public health act as a resource by providing expertise to strengthen our nation's emergency response systems. In response to the Pandemic and All Hazards Preparedness Act (PAHPA), there is an immediate and critical need to define research priorities for the Centers for Public Health Preparedness (CPHP) at schools of public health. It is because of this crucial need, that the Institute of Medicine (IOM) convened an ad hoc committee, conducted a fast-track study, and issued the book entitled Research Priorities in Emergency Preparedness and Response for Public Health Systems. The book defines a set of near-term research priorities for emergency preparedness and response in public health systems.

These priorities will be used by the Coordinating Office for Terrorism Preparedness and Emergency Response (COPTER) to help develop a research agenda that will in turn be used to inform research funding opportunity announcements. After considering the information presented during the public meeting and workshop and based on its expert judgment, the committee identified four priority areas for research that represent specific important aspects of systems of public health preparedness. The four areas are: enhancing the usefulness of training; improving timely emergency communications; creating and maintaining sustainable response systems; and generating effectiveness criteria and metrics.

**Best Care at Lower Cost** Institute of Medicine 2013-05-10 America's health care system has become too complex and costly to continue business as usual. Best Care at Lower Cost explains that inefficiencies, an overwhelming amount of data, and other economic and quality barriers hinder progress in improving health and threaten the nation's economic stability and global competitiveness. According to this report, the knowledge and tools exist to put the health system on the right course to achieve continuous improvement and better quality care at a lower cost. The costs of the system's current inefficiency underscore the urgent need for a systemwide transformation. About 30 percent of health spending in 2009--roughly \$750 billion--was wasted on unnecessary services, excessive administrative costs, fraud, and other problems. Moreover, inefficiencies cause needless suffering. By one estimate, roughly 75,000 deaths might have been averted in 2005 if every state had delivered care at the quality level of the best performing state. This report states that the way health care providers currently train, practice, and learn new information cannot keep pace with the flood of research discoveries and technological advances. About 75 million Americans have more than one chronic condition, requiring coordination among multiple specialists and therapies, which can

increase the potential for miscommunication, misdiagnosis, potentially conflicting interventions, and dangerous drug interactions. Best Care at Lower Cost emphasizes that a better use of data is a critical element of a continuously improving health system, such as mobile technologies and electronic health records that offer significant potential to capture and share health data better. In order for this to occur, the National Coordinator for Health Information Technology, IT developers, and standard-setting organizations should ensure that these systems are robust and interoperable. Clinicians and care organizations should fully adopt these technologies, and patients should be encouraged to use tools, such as personal health information portals, to actively engage in their care. This book is a call to action that will guide health care providers; administrators; caregivers; policy makers; health professionals; federal, state, and local government agencies; private and public health organizations; and educational institutions.

**Case Files** Eugene C. Toy 2005 The closest a student can get to the wards without seeing patients! Designed to teach through clinical cases, this text offers 60 of the most common clinical problems in emergency medicine along with case discussion questions, clinical pearls, key terms and concepts, and USMLE-style questions and answers to reinforce learning. This is an excellent study guide for the emergency medicine shelf exam and the USMLE Step 2.

**CURRENT Procedures Surgery** Rebecca Minter 2010-05-28 Learn to perform more than 50 of the most common surgical procedures with this step-by-step, superbly illustrated guide! CURRENT Procedures Surgery is a unique combination atlas and text that details everything that you must know to perform more than 50 key surgical procedures. It covers the full spectrum of general surgery in an ultra-convenient, at-a-glance format, with more than 400 beautifully rendered illustrations to

guide you every step of the way. An easy to follow template for each procedure includes: Indications, Contraindications, Informed Consent, Equipment, Patient Preparation, Patient Positioning, Procedure, Postoperative Care, Potential Complications, Pearls and Tips, References. Features: More than 400 illustrations created specifically for this book along with clear, concise text show you how to perform essential surgical procedures Coverage includes procedures for the breast, gastrointestinal tract, diaphragm, pancreas, liver, thyroid, parathyroid, adrenal, arteries and veins, and more Templated presentation facilitates rapid review Author's pearls and tips included for each procedure A must-have resource for anyone starting their surgical residency

**Extraordinary Cases in Emergency Medicine** Douglas D. Brunette

2019-01-11 More than three hundred extraordinary emergency medicine cases familiarize you with a wide variety of infrequently seen patient presentations Over the course of his thirty-five year career practicing academic emergency medicine in an urban teaching institution providing Level 1 trauma care, author Douglas Brunette, MD has amassed an amazing collection of emergency medicine cases along with accompanying photographs. Most of these cases pose infrequently seen, if not rare, clinical challenges. Some are truly "once in a lifetime" in the career of an emergency medicine physician. All provide a unique learning opportunity. Each of the 344 cases begins with an image (or set of images) and then continues with concise, templated details, including: •Patient Presentation•Clinical Features•Differential Diagnosis•Emergency Care•Outcome•Further Reading These case histories and images have been carefully selected to be of value to readers ranging from medical students to the most experienced physicians. *Vignettes in Patient Safety* Michael S. Firstenberg 2018-01-10 Over the past two decades, the healthcare

community increasingly recognized the importance and the impact of medical errors on patient safety and clinical outcomes. Medical and surgical errors continue to contribute to unnecessary and potentially preventable morbidity and/or mortality, affecting both ambulatory and hospital settings. The spectrum of contributing variables—ranging from minor errors that subsequently escalate to poor communication to lapses in appropriate protocols and processes (just to name a few)—is extensive, and solutions are only recently being described. As such, there is a growing body of research and experiences that can help provide an organized framework—based upon the best practices and evidence-based medical principles—for hospitals and clinics to foster patient safety culture and to develop institutional patient safety champions. Based upon the tremendous interest in the first volume of our Vignettes in Patient Safety series, this second volume follows a similar vignette-based model. Each chapter outlines a realistic case scenario designed to closely approximate experiences and clinical patterns that medical and surgical practitioners can easily relate to. Vignette presentations are then followed by an evidence-based overview of pertinent patient safety literature, relevant clinical evidence, and the formulation of preventive strategies and potential solutions that may be applicable to each corresponding scenario. Throughout the Vignettes in Patient Safety cycle, emphasis is placed on the identification and remediation of team-based and organizational factors associated with patient safety events. The second volume of the Vignettes in Patient Safety begins with an overview of recent high-impact studies in the area of patient safety. Subsequent chapters discuss a broad range of topics, including retained surgical items, wrong site procedures, disruptive healthcare workers, interhospital transfers, risks of emergency department overcrowding, dangers of inadequate handoff communication, and the association between provider fatigue

and medical errors. By outlining some of the current best practices, structured experiences, and evidence-based recommendations, the authors and editors hope to provide our readers with new and significant insights into making healthcare safer for patients around the world.

### **Practical Teaching in Emergency**

**Medicine** Robert L. Rogers 2012-10-18  
Emergency medicine attendings who wish to hone their teaching skills can find a number of books on educational strategies written by physicians from other disciplines. However, until the publication of the first edition of this book, they did not have access to a text written by emergency medicine physicians on methods of teaching that are directly applicable to teaching EM. This book was compiled to meet that need. Following the introductory section, which provides important background information, the book's contents are organized into 4 sections that correspond to the core needs and interests of EM educators: Section 2 focuses on practical and ethical considerations of teaching in the ED; Section 3 provides strategies for teaching specific groups of learners; Section 4 looks at the skills that are characteristic of the best EM educators; and Section 5 looks in depth at specific teaching techniques and strategies. Now more than ever this book addresses the needs of physician educators from all over the world. New chapters discuss lecturing to an international audience; using simulation as a teaching tool; how to make journal club work for you, and other topics that are of broad interest to medical educators in this field. In general, each chapter has been updated and reviewed to make sure the content was something that emergency physician educators could use in any country. The chapter contributors are widely regarded as leaders in the field of emergency medicine education and faculty development. Authors were given free rein to develop their chapters and write in their own style. They were asked to present their personal views on how to successfully teach the art of emergency medicine,

rather than review evidence-based guidelines regarding medical education. As a result, most of the chapters have few references. This first-person approach to a multi-authored textbook yields a compilation that varies in style from chapter to chapter and exposes the reader to a variety of communication techniques.

**General Surgery Board Review** Michael S. Gold 1999 Now in its thoroughly updated Third Edition, this study guide is indispensable for surgical residents and general surgeons preparing for the American Board of Surgery's certification and recertification examinations. The text is based on a Surgical Board Review course given annually by the Department of Surgery of the Albert Einstein College of Medicine/Montefiore Medical Center. Sample questions and answers are included. New questions in this edition cover the latest developments in surgical science and practice.

**Tintinalli's Emergency Medicine: A Comprehensive Study Guide, 8th edition** Judith E. Tintinalli 2016-03-22 The most widely used and highly regarded textbook and reference of emergency medicine -- Endorsed by the American College of Emergency Physicians The 8th edition of Tintinalli's Emergency Medicine provides the depth and breadth of coverage that reflects the complexity and expertise needed to practice emergency medicine successfully in today's fast-paced environments. It is an important contemporary clinical emergency care resource for physicians, NPs, and PAs who practice emergency medicine and for emergency medicine and pediatric emergency medicine fellows. It remains the preferred study guide for in-training and board examinations and recertification. NEW to this edition:

- Full-color design with more tables than ever to succinctly present key information
- Extensive updates to all sections, incorporating the latest guidelines, evidence-based protocols, and relevant research
- Expanded pediatric section, with complete clinical information for general and pediatric emergency physicians
- Expanded coverage of

common emergency department procedures, with improved illustrations

- Online access to more than 30 videos, covering a wide range of procedural and diagnostic topics and focusing on the latest ultrasound-guided techniques

From the reviews of the seventh edition: "Collectively, they have once again produced an excellent text that manages to cover the broad scope of emergency medicine while remaining an easily readable and practical resource.... Last, for the inevitable comparison of this current edition of Tintinalli's Emergency Medicine with other available emergency medicine textbooks available: in my opinion, Tintinalli's still comes out on top. It is more concise and easier to read than some, yet it covers the breadth of emergency medicine practice more comprehensively than others.... Just as previous editions did, the seventh presents all of the most pertinent and up-to-date information in a well-organized format that is comprehensive yet easy to read. That and many of the attractive new features in this current edition will ensure its place on my bookshelf for years to come." --JAMA

**EMS Medicine** Derek R. Cooney 2015-12-08 Written exclusively for EMS physicians with everything you need to know for certification A Doody's Core Title for 2017! In 2010 the American Board of Emergency Medicine (ABEM) began certifying emergency physicians in the subspecialty of Emergency Medical Services (EMS). Every EMS agency and system must have a physician available to provide medical direction of the service, in-the-moment consultation, and oversight of training and quality improvement. Whether they are working in the ambulance, on the streets, out in the wilderness, or in the skies, EMS physicians play a pivotal role as part of the EMS team. EMS Medicine is the most concise textbook written specifically for EMS physicians. While there are EMS books available for EMTs and EMS managers, only a fraction of their content covers what EMS physicians need to know. This well-written and concise textbook

details current EMS physician practice and provides precisely the information you need to successfully prepare for board certification. It covers operations and oversight, legal issues, business practices, disaster preparation and response, special operations, field procedures, transportation issues, and more.

#### **Emergency Department Critical Care**

Joseph R. Shiber 2020-06-19 This comprehensive book provides practical guidance on the care of the critical patient in the emergency department. It focuses on the ED physician or provider working in a community hospital where, absent the consulting specialists found in a large academic center, the provider must evaluate and stabilize critically ill and injured patients alone. Structured in an easily accessible format, chapters present fundamental information in tables, bullet points, and flow diagrams. Emergency medicine scenarios covered across 38 chapters include acute respiratory failure, spinal cord injuries, seizures and status epilepticus, care of the newborn, and end-of-life care. Written by experts in the field, *Emergency Department Critical Care* is an essential resource for practicing emergency physicians and trainees, internists and family physicians, advance practice nurses, and physician's assistants who provide care in emergency departments and urgent care centers.

*Tintinalli's Emergency Medicine Manual, Eighth Edition* David Cline 2017-07-21 The full spectrum of emergency medicine captured in one full-color pocket manual. Written by clinicians engaged in the day-to-day practice of emergency medicine, this handy manual is derived from *Tintinalli's Emergency Medicine, Eighth Edition*, the field's most trusted text. Packing a remarkable amount of information in such a compact presentation, this trusted point-of-care partner is composed of brief chapters focusing on clinical features, diagnosis and differential, and emergency management and disposition. With its unmatched authority and easy-to-use organization, *Tintinalli's Emergency*

*Medicine Manual*, is the surest, most convenient way to assure skillful and timely patient care in the acute care setting. • Rich full-color design with an increased number of photos and line drawings • Numerous tables, making information easy to access • Completely revised content to match current practice • Covers both adult and pediatric populations

*Emergency Ethics* Bruce Jennings 2016-03-22 *Emergency Ethics* brings together leading scholars in the fields of public health ethics and bioethics to discuss disaster or emergency ethics and ethical aspects of preparedness and response with specific application to public health policy and practice. The book fills a gap in the existing public health ethics literature by providing a comprehensive ethical conception of emergency preparedness as a distinctive form of civic "practice" brought about by the interrelationships and coordination of many groups, disciplines, and interests and drawing on numerous bodies of knowledge and expertise. It addresses particular aspects of preparedness and response plans, particular decisions that planners and communities have to make, decisions that require balancing many diverse and sometimes conflicting values and identifying and applying a framework of basic ethical principles for preparedness planning, emergency response, and post-disaster recovery. It also explores the relationship between emergency preparedness to other facets of public health practice. The book begins with a broad and synthetic overview of emergency ethics that addresses the central components and ethically significant issues arising in public health preparedness planning, disaster response, and recovery. Following that overview are five chapters that in a philosophically innovative and detailed way delve deeply into important and problematic issues in emergency planning and response, including the allocation of scarce resources, conducting ethical research in the context of public health emergencies, the obligations of public health professionals,

communication and engagement with the public, and special moral obligations surrounding vulnerable populations.

**Essentials of Pediatric Emergency**

**Medicine** Dr. Rahim Valani 2018-09-12

Provide the best care for young patients with this essential reference. - Sharpen your practice with a guided approach to pathophysiology, history taking, physical examinations, diagnostic imaging, differential diagnoses, and treatment options. - Keep a comprehensive review of common pediatric emergencies at your fingertips. Find what you need quickly and easily in clear, bulleted points. - Sharpen your readiness for board exams with this valuable supplemental resource. This high-yield resource provides residents and physicians with a powerful tool to help diagnose and treat the most common pediatric emergencies. Whether you're a clinician staying current with the latest information or a resident studying for your board exams, *Essentials of Pediatric Emergency Medicine* will help you stay on top of your field. Sections include: General Assessment and Management; Acute Presentations; Cardiac Emergencies; Neurologic Emergencies; Respiratory Emergencies; Musculoskeletal Emergencies; Endocrine Emergencies; Hematology/Oncology Emergencies; Rheumatological Emergencies; Infectious Disease Emergencies; Ophthalmology Emergencies; Dermatology Emergencies; Otorhinolaryngology Emergencies; Gastrointestinal Emergencies; Neonatal Emergencies; Genitourinary Emergencies; Renal Emergencies; Trauma; Toxicology; and Environmental Emergencies.

**Emergency Medicine Procedures, Second**

**Edition** Eric F. Reichman 2013-05-20

THE MOST CLEAR, COMPLETE, AND EASY-TO-UNDERSTAND REVIEW OF EMERGENCY MEDICINE PROCEDURES AVAILABLE Going far beyond the scope of most other texts, this lavishly illustrated, expert-authored reference helps you master the clinical and technical skills required to perform the full range of procedures in an emergency or acute care setting. The techniques

presented in these pages will dramatically expand your understanding of emergency medicine procedures and--most importantly--your ability to deliver positive patient outcomes. FEATURES Over 1,700 original, precise illustrations Sections organized by procedures for each body region Each chapter focuses on a single procedure and often includes several proven methods for performing it Chapters include: Relevant anatomy and pathophysiology Indications and contraindications for the procedure Preparation of the patient, including consent, anesthesia, and analgesia Step-by-step description of the procedure Cautions that indicate common problems Alternative techniques and helpful hints Aftercare and follow-up Potential complications Summary of critical information Includes both common procedures and infrequently encountered procedures Important evidence-based recommendations throughout Helpful pedagogy--includes key information, cautions, and important facts highlighted in bold Companion DVD with animations of the 20 most common or difficult procedures, and complete references for each chapter

**Atlas of Pediatric Emergency Medicine**

Binita R. Shah 2006-04-21

A practical hands-on tool for fast, accurate clinical diagnosis in pediatric emergencies Pediatric patients can represent as much as 15-35% of all Emergency Department visits. *Atlas of Pediatric Emergency Medicine* comes to the rescue of harried ED clinicians, providing a quick-access sourcebook packed with visual clues to infant/child injuries and illnesses presenting in emergency situations. Doctors Shah and Lucchesi have combined an extraordinary number of the clearest and best clinical photographs and imaging examples with practical, straightforward text. It's a winning combination that expedites both diagnosis and the appropriate procedures for dealing with pediatric trauma and disease. *Atlas of Pediatric Emergency Medicine* puts at your fingertips: 700 top-quality color clinical photographs -- plus 100 imaging studies that include X-

rays, CT scans and more -- making it the single most comprehensive visual compilation available for diagnosing pediatric emergencies Comprehensive coverage of disorders of all body systems Authoritative, experienced guidance. It's been edited, compiled and largely written by two distinguished experts -- one a physician peer-evaluated as one of the finest clinicians and teachers in Emergency Medicine today, the other the overseer of one of the largest, busiest EDs in the United States Consistent formatting designed to provides immediate access to clinical features, differential diagnosis, consultation, treatment and disposition, complications, and clinical pearls A superb preparation tool for board exams and subspecialty certification, and an unparalleled resource for every medical professional, from ED clinicians and physicians in family or pediatric practice to Nurse Practitioners and Paramedics

**Resident Readiness Obstetrics and Gynecology** Debra L. Klamen 2014-03-22

ARE YOU READY? GET RESIDENT READY Resident Readiness: Obstetrics and Gynecology prepares you for success during your internship. Inside is a full range of clinical scenarios you may experience during your residency, supported by comprehension questions with detailed answer explanations and tips to remember. You will also learn the clinical problem-solving process so you can think quickly on your feet, especially when time is critical. With this book's step-by-step guidance, you will gain the confidence you need to perform at your best on Day One of your residency. BEYOND TREATING YOUR PATIENT, RESIDENT READINESS PREPARES YOU TO: Start intern year with a solid fund of knowledge Successfully manage patients in the ER, obstetric triage, and on the wards Conduct ambulatory clinic visits and office procedures efficiently Perform competently on acting internships/visiting rotations as a fourth-year medical student

**Resident Readiness Internal Medicine**

Debra Klamen 2013-05-29 Everything you need to know for your first day

as a medicine resident Resident Readiness Internal Medicine is designed to prepare newly matched residents for the full range of clinical scenarios they will encounter during their internal medicine residency. Entirely case-based, the book presents clinical scenarios followed by questions with detailed answer explanations Also included is discussion of the clinical problem-solving process, clinical pearls highlighting key points, and comprehension questions Inspired by the successful course at Southern Illinois University School of Medicine entitled "Resident Readiness"

**The Checklist Manifesto** Atul Gawande 2010-04-01 The New York Times bestselling author of Being Mortal and Complications reveals the surprising power of the ordinary checklist We live in a world of great and increasing complexity, where even the most expert professionals struggle to master the tasks they face. Longer training, ever more advanced technologies--neither seems to prevent grievous errors. But in a hopeful turn, acclaimed surgeon and writer Atul Gawande finds a remedy in the humblest and simplest of techniques: the checklist. First introduced decades ago by the U.S. Air Force, checklists have enabled pilots to fly aircraft of mind-boggling sophistication. Now innovative checklists are being adopted in hospitals around the world, helping doctors and nurses respond to everything from flu epidemics to avalanches. Even in the immensely complex world of surgery, a simple ninety-second variant has cut the rate of fatalities by more than a third. In riveting stories, Gawande takes us from Austria, where an emergency checklist saved a drowning victim who had spent half an hour underwater, to Michigan, where a cleanliness checklist in intensive care units virtually eliminated a type of deadly hospital infection. He explains how checklists actually work to prompt striking and immediate improvements. And he follows the checklist revolution into fields well beyond medicine, from disaster

response to investment banking, skyscraper construction, and businesses of all kinds. An intellectual adventure in which lives are lost and saved and one simple idea makes a tremendous difference, The Checklist Manifesto is essential reading for anyone working to get things right.

### **Resident Readiness Emergency Medicine**

Debra L. Klamen 2014-03-22 ARE YOU READY? GET RESIDENT READY. Resident Readiness: Emergency Medicine prepares you for success during your emergency medicine internship. Inside is a full range of clinical scenarios you may experience during your emergency medicine residency, supported by comprehension questions with detailed answer explanations and tips to remember. You will also learn the clinical problem-solving process so you can think quickly on your feet, especially when time is critical. With this book's step-by-step guidance, you will gain the confidence you need to perform at your best on Day One of your residency. Beyond treating your patient, Resident Readiness prepares you to: Build a framework for an efficient approach to ED patient care Recognize life-threatening presentations Prepare for critical care challenges Build a solid foundation in EMS and Ultrasound Provide appropriate discharge planning and follow up from the ED

### **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. 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.

*Guide for All-Hazard Emergency Operations Planning* Kay C. Goss 1998-05 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. *Emergency Ultrasound, Second Edition* O. John Ma 2007-10-30 The pioneering emergency ultrasound guide--updated and expanded with coverage of the newest technologies Praise for the first edition:--"The book is intended for emergency physicians, but any practicing physician who uses ultrasound for the assessment of patients could clearly benefit from this book....This book is certainly unique in that it provides a clinically relevant approach to such a rapidly growing field. Each chapter's objective is met while not inundating the reader with

unnecessary technical details. Although simply reading the book is not sufficient for expertise, the material provides a solid foundation in understanding the subject. 5 STARS!"--Doody's Review Service

Emergency Ultrasound is firmly established as the first state-of-the-art reference on the training, techniques, and diagnostic skills needed to perform successful ultrasound exams in the emergency department. Utilizing a templated chapter format, this trusted resource presents a wide range of detailed guidelines on performing ultrasound exams, case studies, and side-by-side comparisons of normal and abnormal scans. Emergency Ultrasound, Second Edition, is fully updated and expanded to include the latest uses of this crucial diagnostic tool, including Doppler Ultrasound for deep vein thrombosis. This groundbreaking text is the one you'll rely on for every kind of diagnosis in the emergency setting, from soft tissue infections and peritonsillar abscess, to foreign bodies and lumbar puncture and arthrocentesis. Features: NEW! Chapters on ocular applications, prehospital applications, and ultrasound-guided procedures NEW! Content that features the latest instruments NEW! Numerous color Doppler images, plus hundreds of traditional black and white ultrasound images NEW! DVD with videos showing the most current ultrasound procedures performed in real time Coverage of ultrasound in trauma, cardiac, hepatobiliary, renal, testicular, and other applications A templated chapter organization that consists of key points, introduction, clinical considerations and indications, anatomic considerations, technique, common abnormalities, pitfalls, case studies, references, and more Focus on common findings and pitfalls in every clinical chapter Case studies in each chapter

**Contemporary Topics in Graduate Medical Education** Stanislaw P.

Stawicki 2019-10-09 Graduate medical education (GME) is a continually evolving, highly dynamic area within the complex fabric of the modern

health-care environment. Given the rapidly changing regulatory, financial, scientific and technical aspects of GME, many institutions and programs face daily challenges of "keeping up" with the most recent developments within this ever-more-sophisticated operational environment. Organizational excellence is a requirement for the seamless functioning of GME programs, especially when one considers the multiple disciplines and stakeholders involved. The goal of the current book cycle, titled Contemporary Topics in Graduate Medical Education, beginning with this inaugural tome, is to provide GME professionals with a practical and readily applicable set of reference materials. More than 20 distinguished authors from some of the top teaching institutions in the US, touch upon some of the most relevant, contemporary, and at times controversial topics, including provider burnout, gender equality issues, trainee wellness, scholarly activities and requirements, and many other theoretical and practical considerations. We hope that the reader will find this book to be a valuable and high quality resource of a broad range of GME-related topics. It is the Editors' goal to create a multi-tome platform that will become the definitive go-to reference for professionals navigating the complex landscape of modern graduate medical education.

**Strange and Schafermeyer's Pediatric Emergency Medicine, Fifth Edition**

Robert W. Schafermeyer 2018-09-22 Concise, current, need-to-know coverage of emergency medicine in children - presented in full color Endorsed by the American College of Emergency Physicians "...a comprehensive and current resource for anyone who cares for children in an acute setting, from the office to the emergency department. Its presentation is straightforward, and the information is easy to read and assimilate. It will be a valuable resource for those in the field of pediatric emergency medicine as well as other practitioners who occasionally care for sick children."-JAMA (reviewing an earlier

edition) This clinically-focused guide covers the entire field of pediatric emergency medicine. Featuring a strong focus on practical need-to-know information *Pediatric Emergency Medicine, Fifth Edition* is bolstered by numerous full-color images, bulleted High-Yield Facts at the beginning of each chapter, nearly 100 diagnostic and treatment algorithms, and treatment tables with drug dosages. Endorsed by the American College of Emergency Physicians, this book is perfect for use in the emergency department or the pediatric clinic. FEATURES

- Chapters open with bulleted High-Yield Facts, followed by just enough pathophysiology for understanding, and continue with a focus on what needs to be done to protect and save the child.
- Broad scope spans the full spectrum of pediatric emergencies -- from trauma care to psychosocial emergencies.
- NEW CHAPTER on Brief Resolved Unexplained Events (BRUE).
- Opens with an important symptom-based section of Cardinal Presentations that familiarizes you with crucial life-saving protocols.
- Covers all major categories of disease that present in children on an urgent or emergent basis.

If you are in need of a very readable and easily accessible, evidence-based text written to help you provide high quality emergency medical care to children, your search ends here.

[Resident Duty Hours](#) Institute of Medicine 2009-04-27 Medical residents

in hospitals are often required to be on duty for long hours. In 2003 the organization overseeing graduate medical education adopted common program requirements to restrict resident workweeks, including limits to an average of 80 hours over 4 weeks and the longest consecutive period of work to 30 hours in order to protect patients and residents from unsafe conditions resulting from excessive fatigue. Resident Duty Hours provides a timely examination of how those requirements were implemented and their impact on safety, education, and the training institutions. An in-depth review of the evidence on sleep and human performance indicated a need to increase opportunities for sleep during residency training to prevent acute and chronic sleep deprivation and minimize the risk of fatigue-related errors. In addition to recommending opportunities for on-duty sleep during long duty periods and breaks for sleep of appropriate lengths between work periods, the committee also recommends enhancements of supervision, appropriate workload, and changes in the work environment to improve conditions for safety and learning. All residents, medical educators, those involved with academic training institutions, specialty societies, professional groups, and consumer/patient safety organizations will find this book useful to advocate for an improved culture of safety.