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## Download File PDF Manual Of Emergency And Critical Care Ultrasound

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## Manual of Emergency and Critical Care Ultrasound

*Cambridge University Press* **Ultrasound** has revolutionized a physician's ability to make urgent and emergent diagnoses at the bedside, and has changed the management of many acute injuries and conditions. This is a practical, concise introduction to what is rapidly becoming an essential tool for all critical care physicians: bedside emergency ultrasound. The Manual covers the full spectrum of conditions diagnosed using ultrasound and gives practical guidance in how to use ultrasound for common invasive procedures. Major applications are introduced using focused diagnostic questions and reviewing the image-acquisition skills needed to answer them. Images of positive and negative findings are presented, and scanning tips for improving image quality. The second edition has been substantially revised and expanded, with new images, updated literature reviews, new applications and clinical algorithms. New chapters cover additional procedures, musculoskeletal and pediatric applications, and the use of ultrasound in resuscitation. This text is invaluable for emergency physicians at all levels.

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## Manual of Emergency and Critical Care Ultrasound

*Cambridge University Press* This is a practical and concise introduction to bedside emergency ultrasound. It covers the full spectrum of conditions diagnosed via this modality, both for guiding invasive procedures and for diagnosis in critical-care settings. It introduces the major applications for emergency ultrasound by using focused diagnostic questions and teaching the image acquisition skills needed to answer these questions. Images of positive and negative findings for each application (FAST, ECHO, etc.) are presented, as well as scanning tips for improved image quality. Each section contains a review of the literature supporting each application.

## Handbook of Critical Care and Emergency Ultrasound

*McGraw Hill Professional* A quick-access practical handbook for the use of ultrasound in critical care and emergency department settings Point-of-care ultrasound offers a readily available, noninvasive, reproducible modality that can expedite and improve care in the critical care and the emergency setting. This handy guide clarifies basic concepts and provides the hands-on guidance necessary for clinicians to arrive at better therapeutic decisions and perform safer procedures with the use of ultrasound. Handbook of Critical Care and Emergency Ultrasound opens with important chapters on ultrasound basics, ultrasound orientation, and probe selection, machine controls, and equipment. 22 additional chapters cover organ or system-specific procedural applications and approaches to the trauma patient. You will also find algorithms for the patient with undifferentiated chest pain, dyspnea, hypotension, and abdominal pain. 259 drawings and photographs support the text, illustrating patient positioning, basic views, anatomy, and common pathology. Handbook of Critical Care and Emergency Ultrasound is the perfect resource for critical care and emergency providers who wish to deepen their knowledge of sonography and broaden their use of ultrasound in the care of their patient.

## Manual of Austere and Prehospital Ultrasound

*Springer Nature* Ultrasound has rapidly become integral to the practice of emergency medicine. Over the past few years, with improvements in device size and cost, there has been increasing interest in exploring the utility of ultrasound in the prehospital environment. Much of the available literature on ultrasound in the emergency setting focuses on care delivered in emergency departments and intensive care units within the developed world. As a result, most resources are inappropriate and inadequate for doctors and non-physicians practicing in out-of-hospital environments that, by definition, are resource limited. This manual fills that gap by focusing on simplified discussions of ultrasound studies, ultrasound physics, and research that impacts out-of-hospital care in order to meet the needs of prehospital and austere providers. The manual discusses the use of ultrasound for diagnosis in out-of-hospital care, advanced noninvasive monitoring of patients, and safety in performing procedures common to the prehospital and austere environment. As is the approach for prehospital education, the chapters are complaint based and not diagnosis based where applicable. Chapters cover ultrasound image interpretation and basic physics; common image adjustments to improve image quality; unique challenges found in urban prehospital environments, austere/wilderness environments, tactical environments, and military special operations environments; and initial training, quality improvement/assurance programs, and credentialing. It also includes a section on procedures such as pericardiocentesis, vascular access, cricothyroidotomy, and others specific to austere providers. The Manual of Austere and Prehospital Ultrasound is an essential resource for physicians and related professionals, residents, and medical students in emergency medicine, civilian and military EMS providers, and critical care flight paramedics and nurses.

## Point of Care Ultrasound E-book

*Elsevier Health Sciences* Compact, hand-carried ultrasound devices are revolutionizing how healthcare providers practice medicine in nearly every specialty. The 2nd Edition of this award-winning text features all-new chapters, a greatly expanded video library, and new review questions to keep you fully up to date with the latest technology and its applications. Helps you interpret findings with a peer-reviewed, online video library with more than 1,000 ultrasound videos of normal and pathologic findings. These videos are complemented by anatomical illustrations and text descriptions to maximize learning. Offers new online resources, including over 60 clinical cases and review questions in every chapter. Features fully updated content throughout, plus all-new chapters on hemodynamics, transesophageal echocardiography, transcranial Doppler ultrasound, pediatrics, neonatology, and 2nd/3rd trimester pregnancy. Shares the knowledge and expertise of expert contributors who are internationally recognized faculty from more than 60 institutions. Recipient of British Medical Association's President's Choice Award and Highly Commended in Internal Medicine at the BMA Medical Book Awards 2015 (first edition).

## Atlas of Handheld Ultrasound

*Springer* This atlas comprehensively covers the use of basic ultrasound (US) scanning technologies to recognize both normal and pathologic states. It covers how to use US for soft tissue diagnosis, assessing cardiac function, pericardial effusion, tamponade, peripheral veins, gallbladder, bowel, kidneys, skull, sinuses, eye, pleura, scrotum and testes. Atlas of Handheld Ultrasound provides detailed clinically relevant examples of how US can be used to aid diagnosis across a wide range of medical disciplines. Chapters are formatted in a clear and easy-to-follow format, with a range of interactive material to aid the reader in developing a deep understanding of how to use and interpret US correctly. It therefore provides a critical resource on how to use the modality for both specialist and non-specialist practitioners.

## Emergency Medicine Oral Board Review Illustrated

*Cambridge University Press* The accreditation process for emergency medicine in the United States is considered one of the most difficult among all medical specialties, with residents required to pass both a written and oral examination to gain certification. This book allows the reader to apply a case-based interactive approach to studying for the oral board examination, while also providing an excellent introduction to the field. Featuring more than 100 cases derived from the Model of Clinical Practice of Emergency Medicine, with an emphasis on EKGs, CT scans, X-rays, and ultrasounds, this book is a model resource for the practising emergency medicine resident. The reader can easily practise cases alone or with a partner and can follow up with key points of critical actions, clinical pearls, and references. The appendix is loaded with high-yield information on subjects emphasized in the oral board examination, such as pediatric, cardiovascular, traumatic, and toxicologic disorders. This book truly allows the reader to feel actively immersed in the case.

## Clinical Ultrasound

### A Pocket Manual

*Springer* This pocket manual is designed to guide medical professionals in acquiring skills in basic ultrasound imaging. It describes the most common scans performed at the patient's bedside, specifically in the emergency department or intensive care unit. Following an overview of basic ultrasound principles, the use of this modality to visualize specific organ systems is described. In a quick-reference bulleted format, each chapter details indications, basic techniques (patient position, organ windows/views), probe placement, anatomy, pathology, pearls, and key points in ultrasound imaging. The extensive collection of images helps orient the reader in interpreting the scans, depicts anatomic landmarks, and identifies key pathologic findings for each organ system. Clinical Ultrasound: A Pocket Manual is an accessible guide to performing bedside ultrasound imaging for emergency medicine physicians, primary care physicians, critical care medicine providers, residents, and medical students.

## Pediatric Emergency Critical Care and Ultrasound

*Cambridge University Press* Emergency bedside ultrasound assessment is well established for adult patients, but has only recently been introduced into everyday clinical practice for the care of pediatric patients. Pediatric Emergency Critical Care and Ultrasound is a concise, practical text which explains the principles of ultrasound, its diagnostic application in all organ systems and its use as a procedural adjunct. Both well-established and innovative applications are described, assisting the practitioner in incorporating ultrasound into daily practice, facilitating patient care and decreasing radiation exposure. Case studies and abundant illustrations enable the reader to study the appropriate techniques in detail and learn from real examples from the pediatric emergency department and intensive care unit. Pediatric Emergency Critical Care and Ultrasound is the first comprehensive bedside ultrasonography resource focusing on pediatric patients and is essential reading not only for pediatric emergency medicine subspecialists but for all emergency physicians, intensivists/critical care physicians and pediatricians.

## The Washington Manual of Critical Care

*Lippincott Williams & Wilkins* **The Washington Manual of Critical Care** is a concise pocket manual for physicians and nurses. It is distinguished from the multitude of other critical care handbooks on the market by its consistent presentation of algorithms displaying the decision-making pathways used in evaluating and treating disorders in the ICU. The new edition transitions to a full color format and will include coverage of Deep Venous Thrombosis/Pulmonary Embolism, fetal-maternal critical care, C difficile infection, and alternative hemodynamic monitoring.

## Emergency and Clinical Ultrasound Board Review

*Oxford University Press* **Emergency and Clinical Ultrasound Board Review** is a comprehensive guide for preparing for the Advanced Emergency Medicine Ultrasonography or Critical Care Echocardiography board exams, and for residents preparing for in-training examinations in ultrasound. The text consists of over 500 multiple-choice questions, organized into 18 chapters covering ultrasound topics such as physics, eFAST, echocardiography, thoracic, aorta, hepatobiliary, renal, pregnancy, soft tissue, ocular, procedural, airway, ENT, DVT, testicular, abdominal, and musculoskeletal applications. This is a multi-specialty work, with contributors representing the fields of emergency medicine, internal medicine, cardiology, critical care, and radiology. Chapters include questions, answers with detailed explanations and references to primary or landmark articles to help better navigate a standardized exam. Questions are written in a case-based format that emulates the ABEM and NBE board exams, and are supplemented by over 800 figures, tables, boxes, and online videos.

## Acute Care Casebook

*Oxford University Press* **Acute Care Casebook** provides a case-based approach to the broad practice of acute care medicine, covering a variety of common patient presentations and clinical environments. This book features over 70 illustrated cases, including presentations of trauma and medical illness in wilderness medicine, military and prehospital environments, pediatrics, emergency medicine, and intensive care unit and floor emergencies. Designed for students and trainees in medicine, nursing, EMS, and other acute care specialties, this text guides readers through not only symptom evaluation and treatment, but also the thought process and priorities of experienced clinicians. Each chapter features key diagnoses and management pearls from leading experts that will help prepare readers for any event, from stabilizing and transporting a trauma patient in the field, to managing post-operative complications in the ICU.

## The Washington Manual of Emergency Medicine

*Lippincott Williams & Wilkins* Each high-quality volume in the esteemed Washington Manual series brings together contributions from faculty and residents at the Washington University School of Medicine in St. Louis. The Washington Manual of Emergency Medicine, the latest addition to the series, focuses on practical content on how physicians actually practice emergency care. Comprehensive and concise, it also acts as a handy quick-reference, delivering need-to-know information at your fingertips, even in point-of-care situations.

## Veterinary Technician's Manual for Small Animal Emergency and Critical Care

*John Wiley & Sons* **Veterinary Technician's Manual for Small Animal Emergency and Critical Care, Second Edition** provides an in-depth and cutting-edge, yet easy-to-navigate, reference on emergency and critical care for veterinary paraprofessionals of all skill levels. Provides a comprehensive reference on emergency and critical care medicine for veterinary technicians of all skill levels, and veterinary assistants. **Veterinary Technician's Manual for Small Animal Emergency and Critical Care, Second Edition** provides an in-depth and cutting-edge, yet easy-to-navigate, reference on emergency and critical care for veterinary paraprofessionals of all skill levels. Written by leading veterinary technician specialists (VTS) in emergency and critical care Completely revised and substantially updated, with new emphases on anatomy, physiology, nursing skills, and evidence based medicine Features five new chapters covering mechanical ventilation, pain management, renal replacement therapy, nursing skills and procedures, and life as an emergency veterinary

technician, including topics such as salary, compassion fatigue, and scheduling Includes access to a companion website with chapter review questions and the images from the book for download in PowerPoint

## Critical Care Echocardiography Review

### 1200+ Questions and Answers: Ebook without Multimedia

*Lippincott Williams & Wilkins* Prepare for success on the Examination of Special Competence in Critical Care Echocardiography (CCEeXAM)! Critical Care Echocardiography Review is a first-of-its-kind, review textbook containing over 1,200 questions and answers. Helmed by Drs. Marvin G. Chang, Abraham Sonny, David Dudzinski, Christopher R. Tainter, Ryan J. Horvath, Sheri M. Berg, Edward A. Bittner as well as a team of associated editors and authors from institutions across the nation, this highly visual resource covers every aspect of the use of ultrasound for clinical diagnosis and management in the critical care setting, providing a thorough, effective review and helping you identify areas of mastery and those needing further study.

## Critical Decisions in Emergency and Acute Care Electrocardiography

*Wiley-Blackwell* This scenario-based text provides answers to urgent and emergent questions in acute, emergency, and critical care situations focusing on the electrocardiogram in patient care management. The text is arranged in traditional topics areas such as ACS, dysrhythmia, etc yet each chapter is essentially a question with several cases illustrating the clinical dilemma - the chapter itself is a specific answer to the question. This is a unique format among textbooks with an ECG focus. The clinical scenarios cover the issues involved in detecting and managing major cardiovascular conditions. Focused, structured discussion then solves these problems in a clinically relevant, rapid, and easy to read fashion. This novel approach to ECG instruction is ideal for practicing critical care and emergency physicians, specialist nurses, cardiologists, as well as students and trainees with a special interest in the ECG.

## Manual of Diagnostic Ultrasound

*World Health Organization* A didactic, illustrated guide to the use of ultrasound as a diagnostic tool in clinical practice. Prepared by an international group of experts with wide experience in both developed and developing countries, the manual responds to the need for a basic reference text that can help doctors, sonographers, nurses, and midwives solve imaging problems when no experts are available. With this need in mind, the manual adopts a practical approach aimed at providing a thorough grounding in both the techniques of ultrasound and the interpretation of images. The need for extensive supervised training is repeatedly emphasized. Because the clinical value of ultrasound depends so greatly on the experience and skill of the operator, the manual makes a special effort to alert readers to common pitfalls and errors, and to indicate specific clinical situations where ultrasound may not be helpful or reliable as a diagnostic tool. Explanatory text is supported by numerous practical tips, warnings, checklists and over 600 illustrations. The opening chapters explain how ultrasound works, outline the factors to consider when choosing a scanner, and introduce the basic rules of scanning, including advice on how to recognize and interpret artefacts. Guidance on the selection of ultrasound equipment includes clear advice concerning where costs can be spared and where investment is essential. The core of the manual consists of seventeen chapters providing guidance on scanning techniques and the interpretation of images for specific organs and anatomical sites, with the most extensive chapter devoted to obstetrics. Each chapter contains illustrated information on indications for scanning, preparation of the patient, including choice of transducer and setting of the correct gain, general scanning techniques, and specific techniques for identifying anatomical landmarks and recognizing abnormalities. The manual concludes with WHO specifications for a general-purpose scanner judged entirely suitable for 90-95% of the most common ultrasound examinations.

## Pocket Guide to POCUS: Point-of-Care Tips for Point-of-Care Ultrasound (eBook)

*McGraw Hill Professional* A unique pocket guide to the use of ultrasound at the point of care Lately, there has been an enormous amount of interest in the use of ultrasound for both procedural and diagnostic guidance at the point of care. Although this type of instruction can be found in some textbooks, they are heavy, dense, and written for the classroom, not

real-world clinical situations. **Pocket Guide to POCUS** is the portable, quick-hit alternative. **Pocket Guide to POCUS** provides trainees with the tips and reminders they may need at the point of care. Things such as what images to acquire, and how to get them, or a quick glance at pathology in comparison to a normal image. For learners at all levels, this pocket guide will hopefully reduce their fear of scanning, while preventing some of the more common pitfalls the authors have observed over their more than 50 cumulative years' experience. Each chapter of the book is divided into four sections: •Key Images•Acquisition Tips•Interpretation and Pitfalls•Examples of Pathology This information is conveniently located on cards that can be removed from the book and brought with you to the bedside. You can take notes on the cards, check off the scans that you've done, and of course, refer to them in order to provide your patients with the best care possible.

## Ma and Mateers Emergency Ultrasound, 4th edition

*McGraw Hill Professional* **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.**

## Manual of Small Animal Emergency and Critical Care Medicine

*John Wiley & Sons* **Manual of Small Animal Emergency and Critical Care Medicine, Second Edition presents essential information on common emergencies in small animals using a concise, practical outline format. Offering a thorough update to this classic reference, the new edition provides new chapters on orthopedic injuries and wound management, significant revisions to the treatment protocols, and expanded toxicology information, as well as new references and drug information. The book retains its logical division into two parts, the first covering initial stabilization and the second offering a systems approach to specific conditions. As in the previous edition, chapters are extensively indexed and cross-referenced to facilitate ease of use in emergency situations. With many formulas, tables, drug dosages, and illustrations, Manual of Small Animal Emergency and Critical Care Medicine is an indispensable, convenient resource for busy emergency clinicians, whether they are new graduates or seasoned professionals.**

## Emergency Medicine Oral Board Review Illustrated

*Cambridge University Press* **Fully up to date with recent research and practice, including the most recent AHA guidelines, this model resource for the practising emergency medicine resident allows for a case-based interactive approach to studying for the Oral Boards examination, while also providing an excellent introduction to the field. Featuring 126 cases derived from the Model of Clinical Practice of Emergency Medicine, with an emphasis on EKGs, CT scans, X-rays and ultrasounds, it now includes diagnoses such as nursemaid's elbow, multiple sepsis cases, the suicidal patient, and Cushing's syndrome, as well as a chapter on the scoring of Oral Boards. Practising alone or with a partner, the reader can review critical actions and key clinical pearls for each case. The appendices contain high-yield information on subjects emphasised in the Oral Boards examination, such as pediatric, cardiovascular, traumatic, and toxicological disorders. This book truly allows the reader to feel actively immersed in the case.**

## Pediatric Emergency Ultrasound

## A Concise Guide

*CRC Press* This concise, portable manual provides practitioners and future practitioners with a basic guide to pediatric emergency ultrasound, enabling them to learn the fundamentals of bedside ultrasound and use these to refresh their skills prior to, or when, performing it on a patient.

## Critical Care Ultrasonography

*McGraw Hill Professional* A complete, hands-on guide to successful image acquisition and interpretation at the bedside Written by top practitioners in the field, this comprehensive book is filled with practical guidance that helps you master clinical ultrasonography in a critical care environment. Here, you'll learn exactly how to utilize diagnostic ultrasound as part of the physical exam, as the book examines current evidence supporting its use in the critically ill adult and child. Organized by body system, Critical Care Ultrasonography features self-contained chapters that can be used as individual reference guides for a range of interventions, from transthoracic echocardiography to echocardiographic evaluation of cardiac trauma. Through this in-depth coverage, you'll get a sense of how this essential technology supports the cross-disciplinary nature of critical care. The book's authoritative content is reinforced throughout by a full-color presentation and hundreds of concept-clarifying illustrations, figures, and images. Features Comprehensive coverage of the fundamentals of ultrasound use in critical care Guidance on ultrasound procedures enables practitioners to use ultrasound for vascular and axial procedures, improving safety and ensuring that nationally recognized compliance standards are upheld Cardiac ultrasound chapters help you assess and monitor the patient's cardiopulmonary status non-invasively Chapter on Neck and Upper Respiratory Ultrasound offers an overview of little-known techniques that have not been comprehensively described in any other source Full-color presentation, with 495 illustrations that emphasize the basic skills required to visualize anatomic structures and interpret findings

## Focused Intensive Care Ultrasound

*Oxford University Press, USA* A brand new series from Oxford University Press, the Oxford Clinical Imaging Guides are specifically designed to help doctors master imaging techniques. Each guide explains the principles and practice of using imaging in an easy-to-read, highly-illustrated, and authoritative manner. Focused Intensive Care Ultrasound is a practical manual designed to help you use ultrasound to assess and treat critically ill patients. Extensively illustrated, the book comes with online access to over 70 videos and 60 self-assessment questions. This is the first book comprehensively mapped to the syllabi of Focused Intensive Care Echocardiography (FICE), Core Ultrasound for Intensive Care (CUSIC), Resuscitation Council UK's Focused Echocardiography in Emergency Life support (FEEL), British Society of Echocardiography's Level 1 Accreditation, and Focused Acute Medical Ultrasound (FAMUS). It is also ideal for European Focused Cardiac Ultrasound (FoCUS) training. Providing a clear distinction between basic and advance skills, it introduces relevant aspects of advanced echocardiography for more experienced learners. With a focus on clinical issues, and supported by relevant physiological principles, this book teaches you exactly what you need to know to assimilate ultrasound into your everyday intensive care practice. Designed as an essential day-to-day reference and learning tool, this resource is ideal for trainees, consultants and critical care practitioners wishing to master ultrasound skills.

## Ultrasound-Guided Procedures and Investigations

## A Manual for the Clinician

*CRC Press* Recognizing the increasing importance of ultrasonography in the evaluation and management of patients across a range of medical disciplines, this guide provides illustrative instruction on the performance and interpretation of ultrasound examinations in emergency, critical care, hospital, and outpatient settings. This reader-friendly source familiarizes non-radiologists with ultrasound instrumentation and application for daily practice and enhanced patient care...clearly directs readers through each step of ultrasound-guided techniques for cardiac, trauma, emergency, and surgical situations...helps emergency personnel expedite and improve their examinations of patients in critical conditions...reviews literature pertinent to the most commonly performed procedures and nonprocedural applications of ultrasonography...and provides a background in physics and imaging technology. Book jacket.

## Manual of Austere and Prehospital Ultrasound

*Springer* Ultrasound has rapidly become integral to the practice of emergency medicine. Over the past few years, with improvements in device size and cost, there has been increasing interest in exploring the utility of ultrasound in the prehospital environment. Much of the available literature on ultrasound in the emergency setting focuses on care delivered in emergency departments and intensive care units within the developed world. As a result, most resources are inappropriate and inadequate for doctors and non-physicians practicing in out-of-hospital environments that, by definition, are resource limited. This manual fills that gap by focusing on simplified discussions of ultrasound studies, ultrasound physics, and research that impacts out-of-hospital care in order to meet the needs of prehospital and austere providers. The manual discusses the use of ultrasound for diagnosis in out-of-hospital care, advanced noninvasive monitoring of patients, and safety in performing procedures common to the prehospital and austere environment. As is the approach for prehospital education, the chapters are complaint based and not diagnosis based where applicable. Chapters cover ultrasound image interpretation and basic physics; common image adjustments to improve image quality; unique challenges found in urban prehospital environments, austere/wilderness environments, tactical environments, and military special operations environments; and initial training, quality improvement/assurance programs, and credentialing. It also includes a section on procedures such as pericardiocentesis, vascular access, cricothyroidotomy, and others specific to austere providers. The Manual of Austere and Prehospital Ultrasound is an essential resource for physicians and related professionals, residents, and medical students in emergency medicine, civilian and military EMS providers, and critical care flight paramedics and nurses.

## Clinical Procedures in Emergency Medicine

*Elsevier Health Sciences* Clinical Procedures in Emergency Medicine, by James R. Roberts, MD & Jerris R. Hedges, MD, MS, is far and away the most well-known and trusted procedures manual in emergency medicine. Completely updated with the latest equipment, devices, drug therapies, and techniques, this 5th edition enables you to make optimal use of today's best options. And a new full-color format makes the book easier to consult than ever before. You'll see exactly how and when to perform every type of emergency procedure, so you can choose and implement the best possible approach for every patient! Provides over 1,700 detailed illustrations, 1,350 in full color, allowing you to visualize procedures clearly so you can perform them correctly. Explains not only how to perform each procedure but also why, when, and what other procedures you should consider. Covers the latest equipment, devices, drug therapies, and techniques, including new devices for cricothyrotomy, monitoring CPR effectiveness, intraosseous infusion, autotransfusion and transfusion therapy, and wound closure. Incorporates coverage of ultrasound-guided procedures throughout the book to assist you in the use of these increasingly pervasive new techniques. Presents a new chapter on Chemical and Physical Restraints to facilitate management of violent or aggressive patients. Features a brand new full-color design together with all-new algorithms, illustrations, and tables for expedited reference and streamlined clinical decision making. Reflects the most recent clinical evidence and guidelines for dependable decision-making guidance. Offers updated coverage of tracheal intubation and infectious exposure management, so you can make split-second decisions on these difficult procedures.

## Practical Guide to Emergency Ultrasound

*Lippincott Williams & Wilkins* This 2nd edition of the Practical Guide to Emergency Ultrasound addresses your need for a practical, comprehensive, how-to book on ultrasound techniques in the emergency department, including new and expanded applications. Organized in an easy-to-navigate problem-based and symptom-based approach, chapters cover many uses for ultrasound in the ED and proper ultrasound technique. Over 900 images, many in full color, illustrate key concepts and diagnoses, including the use of echocardiography in the ED and newer applications for imaging ocular, musculoskeletal injuries and the use of ultrasound in the management of undifferentiated hypotension and dyspnea.

## Case Studies in Pediatric Emergency and Critical Care Ultrasound

*Cambridge University Press* Includes fifty-nine cases, accompanied by high-quality images and videos, covering various diagnostic and procedural applications of pediatric emergency ultrasound.

## Echocardiography in ICU

*Springer Nature* This book offers readers a better understanding of how to perform echocardiography in their daily intensive care unit (ICU) work. With numerous practical examples highlighting the indices and hemodynamic monitoring profiles that physicians could encounter, it considers echocardiography not merely as a simple imaging technique, but as a practical diagnostic and hemodynamic monitoring tool. The booklet is richly illustrated with figures explaining how to perform echo, and includes numerous tables, simple equations and normal and abnormal values. Echocardiography in ICU, a pocket guide written by the leading international experts in the field, is an excellent source of information and guidance for all residents and physicians working in ICU, emergency medicine, anesthesia and cardiology as well.

## Oh's Intensive Care Manual E-Book

*Elsevier Health Sciences* For nearly 40 years, Oh's Intensive Care Manual has been the quick reference of choice for ICU physicians at all levels of experience. The revised 8th edition maintains this tradition of excellence, providing fast access to practical information needed every day in today's intensive care unit. This bestselling manual covers all aspects of intensive care in sufficient detail for daily practice while keeping you up to date with the latest innovations in the field. Short, to-the-point chapters distill the essential information you need to know for safe, effective care of patients in the ICU. Each topic includes theoretical knowledge, practical methods of treating the condition described, a review of the available evidence, and common pitfalls in treatment and management. Ideal for daily quick reference as well as an efficient review for professional examinations in critical care medicine.

## The Walls Manual of Emergency Airway Management

*Lippincott Williams & Wilkins* The Walls Manual of Emergency Airway Management is the world's most trusted reference on emergency airway management, and is the foundation text in the nationally recognized The Difficult Airway Course: Emergency™ and The Difficult Airway Course: EMSTM. Its practical, hands-on approach provides all the concrete guidance you need to effectively respond to any airway emergency, whether inside the hospital, emergency department, urgent care setting, or anywhere else where airway emergencies may occur. Apply the latest evidence-based approaches thanks to state-of-the-art coverage that includes new chapters on "The Difficult Airway Cart" and "Human Factors in Emergency Airway Management," expanded coverage on delayed sequence intubation (DSI), and comprehensive updates throughout. Efficiently overcome any challenge in airway management with the aid of step-by-step instructions, mnemonics, easy-to-follow algorithms, and rich illustrations. Glean expert insights from a brand-new editorial team led by Calvin Brown III, MD, who is Dr. Walls' colleague and protégé, and consisting of the same experts who teach The Difficult Airway Course: Emergency™ and The Difficult Airway Course: Anesthesia™.

## Point of Care Ultrasound for Emergency Medicine and Resuscitation

*Oxford Clinical Imaging Guides* The Oxford Clinical Imaging Guides are specifically designed to help doctors master imaging techniques. Each guide explains the principles and practice of using imaging in an easy-to-read, highly-illustrated, and authoritative manner. Point of Care Ultrasound for Emergency Medicine and Resuscitation is the definitive guide to using this indispensable clinical tool quickly, safely, and accurately to diagnose patients in emergency, acute, and critical care settings. With a practical focus on how to perform ultrasound and interpret images, this book demonstrates how the reader can use ultrasound safely in patient management to diagnose and manage shock, acute presentations, or the acute phases of key conditions. Extensively illustrated, this resource also comes with online access to 160 ultrasound clips and over 130 annotated ultrasound images. Written by expert educators, this book is mapped to the curriculum for the International Federation for Emergency Medicine to teach emergency and acute medics exactly what they need to know. This guide is highly relevant for the syllabi of Emergency Medicine colleges and associations in the USA, Canada, UK, Australasia and South Africa.

## Ultrasound Program Management

### A Comprehensive Resource for Administrating Point-of-Care, Emergency, and Clinical Ultrasound

*Springer* This book addresses the wide range of issues that face the program leader - from how to choose a site and how to negotiate for equipment, to how to determine staffing requirements and how to anticipate and defuse possible turf issues with other programs and services in the hospital or healthcare facility. The early chapters of this book focus on the leadership of your program whether in your department or institution. The second section centers on education at all levels recognizing that smaller machines have made ultrasound available for medical students to advanced practitioners. The third section provides detailed logistics on equipment, maintenance, and safety. The fourth section focuses on a quality improvement program and includes a chapter on the workflow process. For those with limited budgets we also offer a section on practical operating and educational solutions. The fifth section offers insight into hospital level credentialing, quality assurance, national politics, and recent issues with accreditation. This is followed by reimbursement and coding. The last section covers topics in specialized communities. Chapters focus on ultrasound in global health, emergency medical services, pediatrics, critical care, community and office based practices. Multiple US working documents including checklists, graphs, spreadsheets, tables, and policy appendices are included.

## Toxicology Handbook

*Elsevier Australia* The Toxicology Handbook 2e is a practical, didactic guide to the approach, assessment and management of poisoned patients. It has been written for hospital-based doctors at all levels and describes the risk assessment-based approach pioneered by the principal authors. the concise layout enables the reader to quickly locate information in a poisoning emergency. the book also features locally relevant information on bites, stings and envenoming. This book will also be useful for ambulance service paramedics and pharmacists.

## The Washington Manual of Medical Therapeutics

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