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# **Textbook Of Critical Care Expert Consult Premium Edition Enhanced Online Features And Print 6e Textbook Of Critical Care Shoemaker**

Quickly and accurately diagnose and treat the critically ill patient with guidance from the field's definitive text "...Clearly the finest textbook available in the field." -- Critical Care Medicine journal  
"...Very well done...unusually user-friendly...excellent...a significant contribution to the field. It should be placed not only in the critical care practitioner's library, but also in the rounds and nurses' conference rooms of critical care units." -- Journal of the American Medical Association  
Considered the field's definitive text, Principles of Critical Care offers unmatched coverage of the diagnosis and treatment of the most common problems encountered in the practice of critical care. Written by expert critical care physicians who are also experienced teachers, the book features an organization, thoroughness, and clarity not found in any other reference on the topic. Within its pages, you will find comprehensive, authoritative discussion of every aspect of critical care medicine essential to successful clinical practice, ranging from basic principles to the latest technologies. The fourth edition is highlighted by: A new full-color presentation NEW CHAPTERS on ICU Ultrasound, Extracorporeal Membrane Oxygenation, ICU-Acquired Weakness, Abdominal Compartment Syndrome, and Judging the Adequacy of Intravascular Volume The addition of many new figures and diagnostic and treatment algorithms In-depth, up-to-date descriptions of the unique presentation, differential diagnosis, and management of specific critical illnesses A logical organ system approach that simplifies the search for thorough and practical information necessary to manage a patient's specific condition The integration of pathophysiology throughout the text Content that reflects today's interdisciplinary approach to critical care medicine \*Reviews are of previous editions

This best-selling resource provides a general overview and basic information for all adult intensive care units. The material is presented in a brief and quick-access format which allows for topic and exam review. It provides enough detailed and specific information to address most all questions and problems that arise in the ICU. Emphasis on fundamental principles in the text should prove useful for patient care outside the ICU as well. New chapters in this edition include hyperthermia and hypothermia syndromes; infection control in the ICU; and severe airflow obstruction. Sections have been reorganized and consolidated when appropriate to reinforce concepts.

This publication addresses all the topics crucial to students or newly qualified critical care nurses. Designed for 9-13 week critical care classes, this new edition prepares readers to integrate the technology of critical care with psychosocial concerns in order to provide high-quality nursing care.

The Annual Update compiles reviews of the most recent developments in experimental and clinical intensive care and emergency medicine research and practice in one comprehensive book. The chapters are written by well recognized experts in these fields. The book is addressed to everyone involved in internal medicine, anesthesia, surgery, pediatrics, intensive care and emergency medicine.

Principles of Critical Care, 4th edition

The ICU Book

The Washington Manual of Critical Care

Mount Sinai Expert Guides

Intensive Care Medicine

The latest edition of this handbook is a concise yet comprehensive guide for attending physicians, fellows, residents, and students who cover the ICU. The chapters follow an outline format and are divided by organ system, including neurologic disorders and cardiovascular disorders, and special topics, such as environmental disorders, trauma, and

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toxicology. The handbook includes thoroughly updated chapters from the previous edition, alongside completely new content. Written by an authority in the field, the Handbook of Critical and Intensive Care Medicine, Fourth Edition is a valuable one-stop reference for every practitioner engaged in Critical Care Medicine across the world. Here's the most clinically oriented critical care text focusing on the adult patient. In full-color and superbly illustrated with clinical photographs, imaging studies, and management algorithms, and with a broad multidisciplinary focus, this text will help you enhance your skills at any level of training. Stands alone as a clinically oriented comprehensive reference. Completely updated and authorship expanded to reflect the evolution in critical care practice. In color for the first time, with new color schematics and treatment algorithms for greater ease of reference. Utilizes key points lists at the end of chapter, to help you make decisions rapidly and easily. Delivers key references that list other useful resources for information. Includes these seven new chapters to keep you on the cutting edge of your specialty: Assessment of Cardiac Filling and Blood Flow Mechanical Ventilation of Obstructive Airways Disease Mechanical Ventilation of Acute Respiratory Distress Syndrome Severe Sepsis and Multiple Organ Dysfunction Stroke Delirium, Psychosis, Sleep and Depression in the ICU ICU Education

Now completely revised and updated, this comprehensive text/reference covers all aspects of caring for the critically ill child. Recognizing that children are not simply small adults, it discusses the differences between critical care of adults and that of children, exploring relevant structural and functional aspects, pathophysiology, and treatment of common diseases that afflict and critically injure children. Physiology, biochemistry, and molecular biology are all included, with an emphasis on clinically applicable information. The clear, logical organ-system approach includes development, function, disease, and treatment for each entity, and helps the reader relate normal function, pathophysiology, and treatment to clinical problems.

2007 AJN Book of the Year Award Winner Acute and Critical Care Clinical Nurse Specialists: Best Practices presents the knowledge and tools the CNS needs to provide the best standards of practice and performance. It focuses on the role of the CNS in acute and critical care, emphasizing the relationship between critical care nursing, the patient, and the environment of care. Divided into 3 main sections, the framework of the book is based on the Scope and Standards of Practice for the Clinical Nurse Specialist in Acute and Critical Care and the AACN's synergy model. This book delivers up-to-date information for today's health care along with practical tools for the CNS in acute and critical care settings. Provides a current guide for the CNS' role in acute and critical care for the most up-to-date information. Reader-friendly presentation of information provides an easy reference that can be used in day-to-day practice. Discussion questions based on the CCNS blueprint assist in review for the certification examination, making this book a seminal reference for nurses taking the CCNS certification examination. Case studies present applied learning of the acute and critical care setting to prepare the reader for real-life situations.

Smith and Aitkenhead's Textbook of Anaesthesia E-Book  
Cases with Expert Commentary

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## The Brain-Dead Organ Donor

### Rogers' Textbook of Pediatric Intensive Care

#### Cardiovascular Critical Care

The online version of the radical revision to this leading critical care text, previously edited by Shoemaker et al. The completely new editorial team presents today's best coverage of both adult and pediatric critical care, with contributions from an impressive roster of world experts. In addition to numerous new chapters and many extensively rewritten ones, it features a completely new section on commonly encountered problems and a new, more user-friendly organization. The website is continuously updated, and offers links to important websites, calculators, the full text online, and all the illustrations--downloadable for presentations. Purchase of this product includes a limited personal license for use exclusively by the individual who has purchased the product. This license and access to the web site operates strictly on the basis of a single user per PIN. The sharing of passwords is strictly prohibited, and any attempt to do so will invalidate the password. The license and access may not be lent, resold, or otherwise circulated. Full details of the license and terms and conditions of use are available upon registration. Your purchase of Textbook of Critical Care Online, 5th Edition entitles you to access the web site until the next edition is published, or until the current edition is no longer offered for sale by Elsevier, whichever occurs first. If the next edition is published less than one year after your purchase, you will be entitled to online access for one year from your date of purchase. Elsevier reserves the right to offer a suitable replacement product (such as a downloadable or CD-ROM-based electronic version) should online access to the web site be discontinued.

Remarkable improvements in cardiac survival rates have made cardiovascular critical care much more common, but no less challenging for the practitioner. This important volume draws on the skills of an expert team of editors and contributors to present a timely overview of clinical practice. The book covers the full range of the field, from pre-operative assessment and the haematological complications of cardiovascular surgery and critical care to the care of patients with:

- Arrhythmias
- Heart Failure
- Adult Congenital Heart Disease
- Mitral Valve Disease

Aortic Valve Disease · Infective Endocarditis · Vasculitis

The authors also address the special problems associated with the management of conditions consequent upon pregnancy, eclampsia, and the hypertensive crisis. With high-quality illustrations and a helpful index, Cardiovascular Critical Care gives you access to information that helps you provide the best possible care to your patients.

This book provides a systemic approach to acute trauma care in line with the ABCDE paradigm and up-to-date information on assessing and managing major trauma from the pre-hospital to the rehabilitation phase. The book's early sections are dedicated to identifying and managing pathology caused by massive haemorrhage, airway, breathing, circulation or neurological trauma and examining the current evidence base relating to their management. The book then builds from fundamental skills to advanced interventions so that each level of responder can identify and implement aspects of clinical practice that will be of benefit to them at their stage. This approach also explains advanced interventions that may be executed subsequently, explaining how each phase of care sits together. This has a further benefit of producing seamless care for patients by practitioners of different levels using this book as a reference point. Later sections deal with specifics of in-hospital trauma care by specialty, including the explanation of decision making processes by specialties, use of diagnostic and interventional radiology, rehabilitation and psychological aspects of trauma care. The Textbook of Acute Trauma Care also focuses on non-clinical issues relevant to trauma such as training and logistics of retrieval and repatriation, aviation considerations in HEMS, legal and forensic evidence considerations and ethical issues dealing with trauma patients. In addition, the book contains chapters from international experts on cognitive and human factors relating to healthcare and suggests strategies for training and minimising errors. This book is an essential resource for all grades of practitioner, from first responders to Consultant/Attending Physician level providers.

Here's a unified evidence-based approach to problems encountered in trauma and critical care surgical situations. Comprehensive and concise, it is ideal for a quick overview before entering the operating room or ICU, or as a review for board certification or recertification. Be prepared for

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the unexpected with practical, concise coverage of major surgical problems in trauma and critical care. Get expert practical and up-to-date guidance on ventilator management, damage control, noninvasive techniques, imaging, infection control, dealing with mass casualties, treating injuries induced by chemical and biological agents, and much more. Find the information you need quickly and easily through numerous illustrations, key points boxes, algorithms, and tables.

Evidence-Based Practice of Critical Care E-Book

Handbook of Critical and Intensive Care Medicine

Critical Care Nursing

Physiology, Clinical Interpretations, and Laboratory Applications

Intensive Care Unit Manual

**This book is dedicated to the fundamental clinical signs of astute observation, careful differential diagnosis and analytical therapeutic decision-making in emergency veterinary settings. It clearly defines the physiological and clinical principles fundamental to the management of the critically ill small animal patient. With clear guidelines for organizing an emergency/critical care unit, the book also discusses ethical and legal concerns. The 80 expert authors have created a clinically specific resource for the specialist, residents in training, veterinary practitioners, technicians and students. Published by Teton New Media in the USA and distributed by CRC Press outside of North America.**

**Addressing all aspects of brain death and thoroughly detailing how a potential organ donor should be maintained to ensure maximum use of the organs and cells, The Brain-Dead Organ Donor: Pathophysiology and Management is a landmark addition to the literature. This first-of-its-kind, multidisciplinary volume will be of interest to a large section of the medical community. The first section of the book reviews the historical, medical, legal, and ethical aspects of brain death. That is followed by two chapters on the pathophysiology of brain death as investigated in small and large animal models. This includes a review of the many hormonal changes, including the neuroendocrine- adrenergic 'storm', that takes place during and following the induction of brain death, and how they impact metabolism. The next section of the book reviews various effects of brain death, namely its impact on thyroid function, the inflammatory response that develops, and those relating to innate immunity. The chapters relating to assessment and management of potential organ donors will be of interest to a very large group of transplant surgeons and physicians as well as critical care and neurocritical care physicians and nurses. Neurologists, endocrinologists, neurosurgeons, and pathologists will also be interested, especially in the more basic science sections on various aspects of brain-death and hormonal therapy. Organ procurement organizations and**

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**transplant coordinators worldwide will also be interested in this title. Other chapters will be of interest to medical historians, medico-legal experts, and ethicists.**

**Make confident, evidence-based decisions in everyday critical care practice with *Critical Care Medicine: An Algorithmic Approach*. This first-of-its-kind decision making tool provides concise, practical guidance on key aspects of critical care in the form of easy-to-follow diagnostic and treatment algorithms, diagrams, and tables. The unique format saves you time as it guides you through best practices and reliable data to improve patient outcomes in the ICU. Chapters cover a particular organ system and are organized by disorder for easy reference. Each chapter includes a brief overview of the disorder, diagnostic algorithms, treatment algorithms, potential complications and strategies for overcoming them, and supporting references. Helpful mnemonics and advice from critical care experts are provided throughout. Key topics include ventilatory failure; ARDS, pulmonary embolism, asthma and COPD; ABG analysis; pleural effusion; acute respiratory failure; cardiac critical care; acute kidney injury, water and electrolyte management, acid-base disorders; infectious disease; COVID-19; critical care issues related to other medical specialties; and much more.**

**This book identifies the key scientific articles in the field of Intensive Care and explains why these papers are important in contemporary clinical management. Identifying those influential contributors who have shaped the practice of modern Intensive care practice, the book includes commentaries on 50 seminal papers in a wide range of areas. This an invaluable reference for trainees, fellows, and surgeons studying for exams, as well as for seasoned surgeons and physicians who want to stay current in their field.**

**The Veterinary ICU Book**

**Critical Care**

**Civetta, Taylor, & Kirby's Critical Care**

**Ultrasound in the Intensive Care Unit**

**Critical Care Medicine: An Algorithmic Approach E-Book**

Now in paperback, the second edition of the Oxford Textbook of Critical Care addresses all aspects of adult intensive care management. Taking a unique problem-orientated approach, this is a key resource for clinical issues in the intensive care unit. 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

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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.

With more complex surgical patients requiring special perioperative care in an intensive care unit (ICU), there is an increased demand for Advanced Practice Providers (APPs) who are equipped to care for them. However, APPs, such as Physician Assistants (PAs) or Nurse Practitioners (NPs), have limited specialized training and exposure to the unique needs of the perioperative critically-ill population. That's where this book can help. Concepts in Surgical Critical Care is an indispensable resource for the APP, non-surgical intensivist, or non-intensivist surgeon who regularly provides critical care for surgical patients. It features a user-friendly organization designed for quick reference while at bedside with patients or in an office. It starts with foundational critical care topics across all surgical specialties followed by the specifics within 12 – including gastrointestinal surgery, cardiac surgery, neurosurgery, obstetrics, and more.

What began as a compilation of author notes from a real critical care hospital practice setting is now a pocket-sized powerhouse for critical care nurses and students! Quick Reference to Critical Care, 4th edition, provides thoroughly updated critical care content and updated cross-references with page numbers for even quicker reference and ease of use. Information is organized by body system, with each part presented alphabetically for fast, easy access. Full of fast facts, mnemonics, and over 200 images and tables!

Pediatric Critical Care

Principles of Diagnosis and Management in the Adult

Diagnosis and Management

Principles of Diagnosis and Management in the Adult (Expert Consult - Online and Print)

Critical Care Medicine

Evidence-Based Practice of Critical Care, 2nd Edition, presents objective data and expert guidance on managing critically ill patients in unique question-based chapters that focus on best practices. Now thoroughly updated by Drs. Clifford S. Deutschman, Patrick J. Neligan, and nearly 200 critical-care experts, this highly regarded title remains the only book of its kind that provides a comprehensive framework for translating evidence into practice, making it a valuable resource for both residents and practitioners. Tap into the expertise of nearly 200 critical-care experts who discuss the wide variety of clinical options in critical care, examine the relevant research, and provide

recommendations based on a thorough analysis of available evidence. Think through each question in a logical, efficient manner, using a practical, consistent approach to available management options and guidelines. Find the information you need quickly with tables that summarize the available literature and recommended clinical approaches. Navigate a full range of challenges from routine care to complicated and special situations. Stay up to date with new issues and controversies such as the redefinition of sepsis • changing approaches to fluid administration • immune suppression in sepsis • monitoring the microcirculation • the long-term sequelae of critical illness • minimizing ventilator associated lung injury • the benefits of evidence-based medicine management guidelines • rapid response teams • and more. Benefit from all-new sections covering persistent critical illness and the role of advanced practice nurses and physician assistants in the ICU.

Endorsed by the Australian College of Critical Care Nurses (ACCCN) ACCCN is the peak professional organisation representing critical care nurses in Australia Written by leading critical care nursing clinicians, Leanne Aitken, Andrea Marshall and Wendy Chaboyer, the 4th edition of Critical Care Nursing continues to encourage and challenge critical care nurses and students to develop world-class practice and ensure the delivery of the highest quality care. The text addresses all aspects of critical care nursing and is divided into three sections: scope of practice, core components and specialty practice, providing the most recent research, data, procedures and guidelines from expert local and international critical care nursing academics and clinicians. Alongside its strong focus on critical care nursing practice within Australia and New Zealand, the 4th edition brings a stronger emphasis on international practice and expertise to ensure students and clinicians have access to the most contemporary practice insights from around the world. Increased emphasis on practice tips to help nurses care for patients within critical care Updated case studies, research vignettes and learning activities to support further learning Highlights the role of the critical care nurse within a multidisciplinary environment and how they work together Additional resources on Evolve An eBook on VitalSource Instructor resources Case Study suggested responses Learning Activity suggested responses Additional Case Study answers Image collection, including tables Student resources Additional Case Studies Weblinks Increased global considerations relevant to international context of critical care nursing alongside its key focus within the ANZ context Aligned to update NMBA RN Standards for Practice and NSQHS Standards An eBook included in all print purchases

Now in vibrant full color throughout, Rogers ' Textbook of Pediatric Intensive Care, 5th Edition, continues its tradition of excellence as the gold standard in the field. For more than 25 years, readers have turned to this comprehensive resource for clear explanations of both the principles underlying pediatric critical care disease and trauma as well as how these principles are applied in clinical practice. In the 5th Edition, more than 250 global contributors bring you completely up to date on today ' s understanding, treatments, technologies, and outcomes regarding critical illness in children.

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A practical, hands-on, how-to manual that covers the full spectrum of conditions encountered in the ICU, guiding you step-by-step from your initial approach to the patient through diagnosis and treatment. Compact, affordable, and comprehensive, the ICU Manual puts all the critical care information you need right at your fingertips! Grasp the latest developments in critical care with extensive updates and revisions to several key chapters, as well as brand-new chapters on Alcohol Withdrawal Syndromes; Acute Heart Failure Syndromes; Noninvasive Ventilation; and more ICU conditions. Understand and apply the most important ICU practices, including management of acute respiratory failure, mechanical ventilation, invasive hemodynamic monitoring, and the care of patients with special needs, AIDS, end-stage renal disease, or end-stage liver disease.

Challenging Concepts in Paediatric Critical Care

A Framework for Practice

Critical Care Sedation

Textbook of Critical Care

Priorities in Critical Care Nursing

Endorsed by the Australian College of Critical Care Nurses (ACCCN) ACCCN is

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Written by leading critical care nursing clinicians, Leanne Aitken, Andrea Marshall

and Wendy Chaboyer, the 4th edition of Critical Care Nursing continues to encourage and challenge critical care nurses and students to develop world-class practice and ensure the delivery of the highest quality care. The text addresses all aspects of critical care nursing and is divided into three sections: scope of practice, core components and specialty practice, providing the most recent research, data, procedures and guidelines from expert local and international critical care nursing academics and clinicians. Alongside its strong focus on critical care nursing practice within Australia and New Zealand, the 4th edition brings a stronger emphasis on international practice and expertise to ensure students and clinicians have access to the most contemporary practice insights from around the world.

Increased emphasis on practice tips to help nurses care for patients within critical care Updated case studies, research vignettes and learning activities to support further learning Highlights the role of the critical care nurse within a multidisciplinary environment and how they work together Increased global considerations relevant to international context of critical care nursing alongside its key focus within the ANZ context Aligned to update NMBA RN Standards for Practice and NSQHS Standards

A completely new editorial team presents a radical revision to this leading critical care text, previously edited by Shoemaker et al. The New Edition delivers today's best coverage of both adult and pediatric critical care, with contributions from an roster of world experts. In addition to numerous new chapters and many extensively rewritten ones, it features a completely new section on commonly encountered problems and a new, more user-friendly organization. Presents only the most essential references within the text, with the rest provided on the enclosed CD-

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ROM.

Now in its fourth edition, this leading critical care textbook contains more than 30 new chapters and completely updated information. The book addresses every problem encountered in the intensive care unit and covers surgical critical care more thoroughly than any other text.

Focusing on critical care nursing, this full-color text provides an examination of the important aspects of critical care nursing. It is organized in ten units around alterations in body systems.

Annual Update in Intensive Care and Emergency Medicine 2021

Pathophysiology and Management

Onco-critical Care

50 Landmark Papers every Intensivist Should Know

Acute and Critical Care Clinical Nurse Specialists E-book

*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.*

*Textbook of Anaesthesia has become the book of choice for trainee anaesthetists beginning their career in the specialty. It is highly suitable for part 1 of the Fellowship of the Royal College of Anaesthetists and similar examinations. It is also a practical guide for all anaesthetists and other health care professionals involved in the perioperative period.*

*Here's the most clinically oriented critical care text focusing on the adult patient. In full-color and superbly illustrated with clinical photographs, imaging studies, and management algorithms, and with a broad multidisciplinary focus, this text will help you enhance your skills at any level of training. Stands alone as a clinically oriented comprehensive reference. Completely updated and authorship expanded to reflect the evolution in critical care practice. In color for the first time, with new color schematics and treatment algorithms for greater ease of reference. Utilizes key points lists at the end of chapter, to help you make decisions rapidly and easily. Delivers key references that list other useful resources for information. Includes these seven new chapters to keep you on the cutting edge of your specialty: Assessment of Cardiac Filling and Blood Flow Mechanical Ventilation of Obstructive Airways Disease Mechanical Ventilation of Acute Respiratory Distress Syndrome Severe Sepsis and Multiple Organ Dysfunction Stroke Delirium, Psychosis, Sleep and Depression in the ICU ICU Education*

*Ultrasound in the Intensive Care Unit explores the current state of evidence supporting use of bedside ultrasound for procedural guidance and for the critical care-focused assessment of a variety of organ systems. This text covers*

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standard practice areas, such as ultrasound guidance for vascular access in the ICU, as well as novel, less well-known applications such as the use of ultrasound for assessment of diaphragm function in patients with respiratory failure. As current ultrasound education is often dependent on widely varying local expertise, this book serves as a standard reference in what is at present a fragmented and challenging field of study for busy clinicians. By providing a comprehensive overview of the current state of critical care ultrasonography, with content contributed by experts in the field, this text will serve as a valuable resource that will allow education in critical care ultrasound to keep pace with the rapid technological growth that has driven this vital area of critical care medicine. *Ultrasound in the Intensive Care Unit* is essential reading for pulmonologists, practitioners in internal, hospitalist, and critical care medicine; educators and instructors in critical care ultrasound; and medical students, residents, and critical care trainees.

Marino's *The ICU Book*

*Intensive Care Nursing*

*Concepts in Surgical Critical Care*

*Current Therapy of Trauma and Surgical Critical Care E-Book*

*Quick Reference to Critical Care*

**This book provides a comprehensive guide to delivering analgesia and sedation to critically ill patients for professionals and caregivers being involved in the management of these patients. It discusses and explains in detail the advantages and limitations of each drug and device using clear flowcharts, diagrams and tables. Furthermore, it explores the new drugs and - above all - new sedation delivery systems, particularly those for administering volatile anesthetics on ICUs. This book is a valuable and practical resource for anesthesiologists, intensivists and emergency physicians interested in sedation.**

**This completely updated and revised new edition is specially written for qualified nurses working in intensive care nursing units. Fully comprehensive and developed to be as accessible as possible it contains four new chapters with valuable new and updated clinical scenarios to aid learning. *Intensive Care Nursing* is structured in user-friendly sections. Each chapter contains 'fundamental knowledge' needed to understand the chapter, an introduction, 'implications for practice', a chapter summary, completely updated further reading, 'time out' sections for revision and a clinical scenario with questions included. This second edition has been fully developed and reviewed by**

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practitioners and teachers, as well as a senior pharmacist and covers: patient-focused issues of bedside nursing the technical knowledge necessary to care safely for ICU patients the more common and specialized disease processes and treatments encountered how nurses can use their knowledge and skills to develop their own and others' practice. A support website at [www.routledge.com/textbooks/0415373239](http://www.routledge.com/textbooks/0415373239) links to other important sites, gives answers to the clinical scenario questions and provides a forum for discussion of important clinical issues. Written by a practice development nurse with a strong clinical background in intensive care nursing and experience of teaching nursing, *Intensive Care Nursing* is essential reading for nurses and health professionals working with high dependency patients.

A fundamental and respected resource book in critical care, *The ICU Book, Fourth Edition*, continues to provide the current and practical guidance that have made it the best-selling text in critical care. The text addresses both the medical and surgical aspects of critical care, delivering the guidance needed to ensure sound, safe, and effective treatment for patients in intensive care?regardless of the specialty focus of the unit. This version does not include the updates and other functionality included in the tablet version that accompanies the print edition.

Part of the Mount Sinai Expert Guide series, this outstanding book provides rapid-access, clinical information on all aspects of Critical Care with a focus on clinical diagnosis and effective patient management. With strong focus on the very best in multidisciplinary patient care, it is the ideal point of care consultation tool for the busy physician.

**An Evidence-based Approach**

**Oxford Textbook of Critical Care**

**Oh's Intensive Care Manual E-Book**

**Textbook of Acute Trauma Care**

**Blood Gases and Critical Care Testing**

Blood gas tests are a group of tests that are widely used and essential for the evaluation and management of a patient's ventilation, oxygenation, and acid-base balance, often in emergent situations, and along with blood gases are other critical care analytes measured on blood: calcium, magnesium, phosphate, and lactate. *Blood Gases and Critical Care Testing: Clinical Interpretations and Laboratory Applications, Third Edition*, serves as your single most important reference for understanding blood gases and critical care testing and interpretation. The third edition of this classic book is a complete revision and provides the fundamentals of

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blood gas (pH, pCO<sub>2</sub>, pO<sub>2</sub>) and other critical care tests (calcium, magnesium, phosphate, and lactate), including the history, the definitions, the physiology, and practical information on sample handling, quality control and reference intervals. Case examples with clear clinical interpretations of critical care tests have been included to all chapters. This book will serve as a valuable and convenient resource for clinical laboratory scientists in understanding the physiology and clinical use of these critical care tests and for providing practical guidelines for successful routine testing and quality monitoring of these tests. Provides a step-by-step approach for organizing and evaluating clinical blood gas and critical care test results. Describes several calculated parameters that are used by clinicians for evaluating a patient's pulmonary function and oxygenation status and discusses clinical examples of their use. This new edition includes more detailed information about reference intervals, not only for arterial blood, but for venous blood and umbilical cord blood, and for pH in body fluids. Covers practical information on sample handling and quality control issues for blood gas testing. This practical title presents 18 challenging cases in paediatric critical care, complete with case histories and evidence-based, up-to-date learning points and clinical tips. Each chapter has commentary from an expert who identifies and explains the key points and controversies of the case.