

Acute And Critical Care Medicine At A Glance

This book is a practical, accessible guide to emergency situations encountered in critical care. Its easy-to-follow format and approach allows the reader to gain vital clinical information to use in emergencies.

This incisive reference systematically reviews the diagnosis and treatment of common surgical and medical emergencies in elderly patients—thoroughly examining surgical interventions, drug therapies and drug prescribing protocols, life-threatening drug reactions, ethical issues, and methods of profiling patients for nursing care. Evaluates disease states and gauges optimal responses to each, supporting recommendations with valuable case studies. Written by over 40 distinguished medical experts, *Acute Emergencies and Critical Care of the Geriatric Patient* describes ideal patient-physician relationships in critical care settings highlights emergency management of myocardial infarction and cardiogenic pulmonary edema illuminates ethical questions surrounding confidentiality, informed consent, surrogate decision making, and patient comfort assesses special pharmacokinetic and pharmacodynamic conditions in geriatric patients provides vital information on stroke, seizures, and spinal cord compression investigates critical complications caused by pneumonia, meningitis, and endocarditis explores acute lung disorders such as emphysema, chronic bronchitis, pneumonia, central nervous system

dysfunction, and abnormal control of ventilation clarifies preoperative procedures for emergency surgery reviews anesthesia strategies for pulmonary, cardiovascular, renal, hepatic, and neurological conditions in the elderly and more! Including over 1000 references, tables, and illustrations, *Acute Emergencies and Critical Care of the Geriatric Patient* is an indispensable resource for geriatricians, primary care physicians, internists, emergency medicine physicians, intensivists, hospitalists, surgeons, anesthesiologists, orthopedists, cardiologists, psychiatrists, neurologists, and internists/residents in these disciplines, as well as nurses, pharmacists, and medical students.

The fully revised, third edition of this bestselling Handbook describes best practice of critical care in a succinct, concise and clinically-orientated way. Covering the principles of general management, it includes therapeutic and monitoring devices, specific disorders of organ systems, as well as detailed information on drugs and fluids. New material has been added on key areas such as airway maintenance, dressing techniques, infection control, echocardiography, tissue perfusion monitoring, coma and more. With up-to-date references and invaluable clinical advice, there is also plenty of space to add notes or amend sections to suit local protocols. Patient-centred and practical, it will serve the consultant, trainee, nurse or other allied health professionals as both a reference and aide memoir. This is the indispensable Oxford Handbook for all those working within critical care.

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This new and updated edition is a practical guide to intensive care for the non-specialist, providing the core knowledge and principles of intensive care patient management. From general principles through to critical care outreach and end of life care, it covers best practice management in the intensive care unit. It includes the key organ system support as well as monitoring, sepsis, brain-stem death, and nutrition in intensive care. There is also full coverage of organ donation. This invaluable resource is highly illustrated in colour throughout with new images, references to key evidence, and further reading and resources in each chapter. It is ideal for junior doctors, medical students and specialist nurses working in an acute hospital setting and the ICU and neonatal ICU, and for anyone involved in the management and care of intensive care patients. Endorsed by the Intensive Care Society (UK) and the Scottish Intensive Care Society. This title is also available as a mobile App from MedHand Mobile Libraries. Buy it now from Google Play or the MedHand Store.

Oxford Handbook of Critical Care Nursing

Multiple Choice Questions with Explanatory Answers

Case-Based Review in Critical Care Medicine

Acute and Critical Care Medicine at a Glance

WFSICCM World Federation of Societies of Intensive and Critical Care Medicine

This book is a comprehensive guide to critical care medicine

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for postgraduate medical students. Presented in a case-based, question and answer format, the text begins with guidance on patient examination in the intensive care unit (ICU). Each of the following chapters covers a different disorder, from acute severe asthma, pulmonary embolism and septic shock, to traumatic brain injury, acute liver failure and much more. The book concludes with cases examining out-of-hospital cardiac arrest, brain death and organ donation, as well as end-of-life care in the ICU. A large selection of Objective Structured Clinical Examination (OSCE) practice questions are included to assist students in their preparation for examinations. Nearly 300 clinical photographs, illustrations and tables further enhance learning. Key points Comprehensive guide to critical care medicine for postgraduates Presented in a case-based, question and answer format Includes numerous OSCE practice questions to help students prepare for examinations Highly illustrated with clinical photographs, diagrams and tables "This book is appropriate for a broad audience, ranging from

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third-year medical students starting clinical rotations to experienced providers looking to expand their knowledge. It is written by a large group of authors, coordinated by the respected emergency medicine physician, Dr. Amal Mattu."—Karl John LaFleur, MD (Regions Hospital), Doody's Review Service

BE THE ECG EXPERT! In the emergency department—in any acute or critical care setting—when it's on you to direct a patient's care based on an ECG, you have to be the ECG expert. Right then. See what you need to see, recognize what's important, and act accordingly. And quickly. Get better with *Electrocardiography in Emergency, Acute, and Critical Care*, 2nd Ed. A highly visual resource, readable from cover to cover, what works and what doesn't. The editors—internationally known experts on ECG interpretation and how to teach it—know from experience what should happen at the bedside, and they show it to you in a clear and practical way. They want you to be confident about reading ECGs. They want you to save lives—and they know you will. **HIGHLIGHTS OF THE NEW EDITION:** 18 completely revised

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and updated chapters || High-yield key points at the beginning of each chapter || More than 200 ECG images with explanations of important findings || More than 80 charts and tables for quick illustration of key ECG and patient characteristics || 27 expert contributors. WHAT'S IN IT? · The ECG and Clinical Decision-Making in the Emergency Department · Intraventricular Conduction Abnormalities · Bradycardia, Atrioventricular Block, and Sinoatrial Block · Narrow Complex Tachycardias · Wide Complex Tachycardias · Acute Coronary Ischemia and Infarction · Additional-Lead Testing in Electrocardiography · Emerging Electrocardiographic Indications for Acute Reperfusion · ACS Mimics Part I: Non-ACS Causes of ST-Segment Elevation · ACS Mimics Part II: Non-ACS Causes of ST-Segment Depression and T-Wave Abnormalities · Pericarditis, Myocarditis, and Pericardial Effusions · Preexcitation and Accessory Pathway Syndromes · Inherited Syndromes of Sudden Cardiac Death · Pacemakers and Pacemaker Dysfunction · Metabolic Abnormalities: Effects of Electrolyte Imbalances and Thyroid

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Disorders on the ECG · The ECG in Selected Noncardiac Conditions · The ECG and the Poisoned Patient · The Pediatric ECG

The at a Glance series is popular among medical students and junior doctors for its concise and simple approach and excellent illustrations. Each bite-sized chapter is covered in a double-page spread with colour summary diagrams on the left page and explanatory text on the right. Covering a wide range of topics, books in the at a Glance series are ideal as introductory subject texts or for revision purposes, and are useful throughout medical school and beyond. Everything you need to know about Acute and Critical Care Medicine...at a Glance! Following the familiar, easy-to-use at a Glance format, and now in full-colour, Acute and Critical Care Medicine at a Glance is an accessible introduction and revision text for medical students. Fully revised and updated to reflect changes to the content and assessment methods used by medical schools, this at a Glance provides a user-friendly overview of Acute and Critical Care Medicine

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to encapsulate all that the student needs to know. This new edition of Acute and Critical Care Medicine at a Glance: Provides a brief and straightforward, yet rapid, introduction to care of the critically ill that can be easily assimilated prior to starting a new job or clinical attachment Encompasses the clinical, diagnostic and therapeutic skills required to manage acutely ill patients in a variety of settings Includes assessment of the acutely unwell patient, monitoring, emergency resuscitation, oxygenation, circulatory support, methods of ventilation and management of a wide variety of medical and surgical emergencies Includes new chapters on fluid management, oxygenation, non-invasive ventilation, recognition of the seriously ill patient and hospital-acquired infections This book is an invaluable resource for all undergraduates in medicine, as well as clinical medical students, junior doctors, nurses caring for acutely-ill patients and paramedics. Pre-publication reviews: "The material forms an excellent basis for junior doctors in critical care and

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anaesthesia to get a good grounding in the subject, without appearing too scary." -Senior House Officer "The system-based approach...provides excellent reference material when studying a particular subject, allowing the reader to easily delve into the book when necessary, without having to read from cover-to-cover. It is an excellent revision aid.... Much time has gone into eliminating superfluous data so maximal essential information can be conveyed quickly." -UCL student

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.

Acute and Critical Care in Adult Nursing

Essential Guide to Acute Care

Critical Care Medicine at a Glance

Intensive and Critical Care Medicine

Critical Care Emergency Medicine, Second Edition

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Named a 2013 Doody's Core Title! Winner of an AJN Book of the Year Award of 2009! "There is little doubt that every ACNP in practice or in training will want a copy of this reference in their coat pocket." --Ric Cuming, RN, MSN, EdD (c), CNOR, NEA-BC Chief Nursing Officer Jackson Memorial Hospital "Long overdue-This comprehensive critical care text will fill the void, especially for nurses advancing from BSN to Advanced Practice. The authors have covered all the basics and produced a text that provides a well-rounded knowledge base for critical care." -Jeanne H. Siegel, PhD, ARNP University of Miami School of Nursing and Health Studies This book defines what it means to be a nurse in critical care. With this text, Acute Care Nurse Practitioners (ACNPs) will learn what to expect in the critical care unit, and how to manage various complications within acute and intensive care settings. Significant emphasis is given to the complex pathophysiology and appropriate management of common problems encountered in the critical care environment, including trauma, infections, and disease. One chapter is also dedicated to the medical, legal, and ethical aspects of critical care. Critical Care is thus the must-have reference for graduate students as well as for practicing ACPNs. Key topics include: The role of the ACPN in acute and critical care Pulmonary management Cardiac concepts in acute care settings Managing liver, kidney, and pancreas transplant in the ICU Burn management Multisystem organ failure End-of-life and palliative care Family-centered care Winner of an AJN Book of the Year Award for 2009! This new edition provides an accessible account of the essentials of intensive care medicine. Part of the book focuses on areas common to all critically ill patients including fluid therapy, sedation, shock, infection and other central topics. This key understanding of basic pathophysiological principles provides an excellent launch pad for the section on individual disease entities encompassing haematology, gastroenterology, nephrology, endocrinology, the respiratory system

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cardiovascular pathology, poisoning and neurology. Economic and ethical issues are also covered and the text is supported by numerous problem-oriented guidelines to help the care provider solve real-life practical problems as encountered in the ICU. In the same spirit, wherever possible, the authors provide precise and meaningful advice, rather than bland generalisations. This new edition reflects the excitement, challenges and uniqueness of intensive care medicine, for the benefit of residents, trainees, nursing staff and paramedics attached to the ICU.

Focused on the practical issues of nursing care and nursing procedures, the Oxford Handbook of Critical Care Nursing has been written by nurses, for nurses. Reflecting current best practice, this handbook is an easily accessible and evidence-based guide for all levels of nursing staff working in critical care environments. It provides the nurse at the bedside with the answers to day-to-day problems experienced when caring for critically ill patients, and is also a guide to some of the commonly encountered issues. Now including more detail on the psychological issues facing critically ill patients and further information on the intricacies of receiving and transferring critically ill patients to and from critical care environments, this handbook is a concise, practical, evidence-based guide for nursing professionals caring for critically ill patients.

The ESC Textbook of Intensive and Acute Cardiovascular Care is the official textbook of the Association of Cardiovascular Care (ACVC) of the ESC. Cardiovascular diseases (CVDs) are a major cause of premature death worldwide and a cause of loss of disability-adjusted life years. For all types of CVD early diagnosis and intervention are independent drivers of patient outcome. Clinicians must be properly trained and centres appropriately equipped in order to deal with these critically ill cardiac patients. This new updated edition of the textbook continues to comprehensively address all the different issues relating to intensive and acute cardiovascular care and addresses all those

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involved in intensive and acute cardiac care, not only cardiologists but also critical care specialists, emergency physicians and healthcare professionals. The chapters cover the various acute cardiovascular diseases that need high quality intensive treatment as well as organisational issues, cooperation among professionals, and interaction with other specialities in medicine. SECTION 1 focusses on the definition, structure, organisation and function of ICCU's, ethical issues and quality of care. SECTION 2 addresses the pre-hospital and immediate in-hospital (ED) emergency cardiac care. SECTIONS 3-5 discuss patient monitoring, diagnosis and specific procedures. Acute coronary syndromes (ACS), acute decompensated heart failure (ADHF), and serious arrhythmias form SECTIONS 6-8. The main other cardiovascular acute conditions are grouped in SECTION 9. Finally SECTION 10 is dedicated to the many concomitant acute non-cardiovascular conditions that contribute to the patients' case mix in ICCU. This edition includes new chapters such as low output states and cardiogenic shock, and pacemaker and ICDs: troubleshooting and chapters that have been extensively revised. Purchasers of the print edition will also receive an access code to an online version of the textbook which includes additional figures, tables, and videos to better illustrate diagnostic and therapeutic techniques and procedures in IACC. The third edition of the ESC Textbook of Intensive and Acute Cardiovascular Care will establish a common basis of knowledge and a uniform and improved quality of care across the field.

Acute and Critical Care Formulas and Laboratory Values

Critical Decisions in Emergency and Acute Care Electrocardiography

Oxford Textbook of Critical Care

Emergencies in Critical Care

Synergy for Best Practices

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This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Written by a paramedic with experience teaching at all levels (EMT-P, nurses, etc.)—this user-friendly text presents a practical, easy-to-understand system for 12-Lead ECG interpretation and assessment. Based on the nationally reknown 12-lead ECG workshop, "Multi-Lead Medics." A focus on the "need to know" information and a large number of practice cases—with over 400 actual 12-leads—provides students with the solid background and extensive hands-on practice that will help them gain confidence and build competence quickly.

Acute and Critical Care Medicine at a Glance John Wiley & Sons
The ultimate, case-based guide for learning and teaching the art of diagnostic reasoning for acute and critical care nurse practitioners A Doody's Core Title for 2017! Written by experienced nurse practitioners working in acute and critical care settings, and endorsed by the American Association of Critical-Care Nurses (AACN), Acute & Critical Care Nurse Practitioner: Cases in Diagnostic Reasoning presents a wide range

of acute and critical care patient cases focusing on diagnosis and management. This authoritative book is designed to help nurse practitioners and students learn how to proceed from a broad differential diagnosis to a specific management plan through expert analysis of patient data. While reconstructing the course of real-life clinical cases, the authors “think out loud” and reveal how they identify pertinent positives and significant negatives to support or refute items on their differential diagnoses list, and further incorporate laboratory and diagnostic testing results to establish a medical diagnosis. Each case includes a description of the management for the identified diagnosis. INCLUDES: · 71 cases based on real-life clinical scenarios · Analysis questions and case discussions to enable learners to actively participate in inductive and deductive reasoning · Cases that can be used to support course work, certification review, and job training The first of its kind, *Acute & Critical Care Nurse Practitioner: Cases in Diagnostic Reasoning* is an essential learning and teaching resource for students, clinicians, and clinical faculty to master the art of diagnostic reasoning.

Advanced Practice in Critical Care provides experienced critical care nurses with a clear and distinct evidence base for contemporary critical care practice. Central to the book is the application of research and evidence to practice and therefore, case studies and key critical care clinical situations are used throughout to guide the reader through the patient care trajectory. Each chapter introduces an initial patient scenario and as the chapter progresses, the patient scenario develops with the theoretical perspectives and application. In this way, it is evident how multi-organ dysfunction develops, impacting upon and influencing other body systems, demonstrating the multi-organ impact that is often experienced by the critically ill patient. In this way, consequences of critical illness such as acute renal failure, haemostatic failure and liver dysfunction are explored. Throughout the text, key research findings and critical care treatment strategies are referred to, applied and evaluated in the context of the given patient case study. Advanced assessment techniques are explained and the underlying pathophysiology is discussed in depth. Advanced Practice in Critical Care is an essential resource for experienced

practitioners within critical care whom primarily care for patients requiring high dependency or intensive care.

Concepts, Role, and Practice for the Acute Care Nurse Practitioner

Acute and Critical Care Echocardiography

Acute and Critical Care Nursing at a Glance

Acute Nursing Care

The book discusses various aspects of critical care medicine, including the philosophy and ethics of critical care, imaging techniques, the clinical presentation, basic pathophysiology and management of life-threatening illnesses involving various organ systems of the body. It also deals with critical care in trauma, following open heart surgery, and in poisonings. The critical care of fulminant tropical infections, particularly when complicated by multiple organ dysfunction has been of special interest.

Critical Care Medicine at a Glance is an accessible introduction and revision text for junior clinicians. Fully revised and updated to reflect changes to the content and assessment methods used by medical

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schools and postgraduate training programmes, this at a Glance provides a user-friendly overview of critical care medicine to encapsulate all that the student needs to know. This new edition of Critical Care Medicine at a Glance: □ Is fully revised and updated to increase coverage of a rapidly expanding area of medicine □ Provides a simple and straightforward, yet rapid, introduction to the care of the acutely ill □ Features new 'Pearls of Wisdom', to aid learning and understanding □ Includes an appendix of top nutrition tips from the Royal College of Physicians □ Provides increased coverage of neurological emergencies, acute and abdominal emergencies, arrhythmias, imaging and fluid management Critical Care Medicine at a Glance is ideal for medical students, junior doctors, nurses, and other healthcare professionals expected to acquire the skills and knowledge needed to care for acutely ill patients.

The groundbreaking text on critical care emergency medicine – updated with the latest evidence and recommendations Critical Care Emergency Medicine has become the standard reference for all clinicians who wish to understand the overlap between emergency medicine and critical care. Much like the field of emergency medicine

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itself, this text is a collaborative effort involving emergency physicians as well as clinicians from trauma, critical care, infectious diseases, and pulmonary medicine. 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. Incorporating the wisdom of both academic and community emergency medicine experts, Critical Care Emergency Medicine, Second Edition delivers expert coverage of:

- Airway and Ventilatory Support
- Pulmonary Disorders
- Cardiovascular Disorders
- Gastrointestinal and Renal Disorders
- Neurologic and Neurosurgical Disorders
- Hematologic and Endocrine Disorders
- Infectious Disorders
- Toxicologic Conditions
- Ultrasonography in Critical Care
- Special Considerations (including nutritional support, end-of-life issues, fluid management, and more)

If you are looking for an up-to-date, evidence-based text designed to take your critical care to the next level, your search ends here. Following the publication of the department of health document -

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Comprehensive Critical Care (2000), the majority of hospitals in England have set up Critical Care Outreach Teams. The Government provided a significant sum of money for hospitals to set up outreach services. There are now calls for an evaluation of their impact. The book is set out in five key sections. Each section features chapters that address the conceptual and real life issues. In each section there is a chapter, set out as a case study example, demonstrating how innovative practices and service developments are going on around critical care outreach. The book will draw upon the knowledge, experience and clinical expertise of senior critical care nurses and doctors from a critical care network. The book will have a definite practical application and will provide tips to enhance practice. * Chapters contain useful 'how to' guides, prompts for critical thinking and case studies. * Very little has previously been published on this topic

Critical Care Outreach

Acute Emergencies and Critical Care of the Geriatric Patient

12-Lead ECG for Acute and Critical Care Providers

Recognising and Responding to Medical Emergencies

Principles of Critical Care

The Medical-Legal Aspects of Acute Care Medicine: A Resource for Clinicians, Administrators, and Risk Managers is a comprehensive resource intended to provide a state-of-the-art overview of complex ethical, regulatory, and legal issues of importance to clinical healthcare professionals in the area of acute care medicine; including, for example, physicians, advanced practice providers, nurses, pharmacists, social workers, and care managers. In addition, this book also covers key legal and regulatory issues relevant to non-clinicians, such as hospital and practice administrators; department heads, educators, and risk managers. This text reviews traditional and emerging areas of ethical and legal controversies in healthcare such as resuscitation; mass-casualty event response and triage; patient autonomy and shared decision-making; medical research and teaching; ethical and legal issues in the care of the mental health patient; and, medical record documentation and confidentiality.

*Furthermore, this volume includes chapters dedicated to critically important topics, such as team leadership, the team model of clinical care, drug and device regulation, professional negligence, clinical education, the law of corporations, tele-medicine and e-health, medical errors and the culture of safety, regulatory compliance, the regulation of clinical laboratories, the law of insurance, and a practical overview of claims management and billing. Authored by experts in the field, *The Medical-Legal Aspects of Acute Care Medicine: A Resource for Clinicians, Administrators, and Risk Managers* is a valuable resource for all clinical and non-clinical healthcare professionals.*

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.

The third edition of the best-selling Critical Care Nursing offers readers a fully up-to-date, evidence-based guide to the science and practice of nursing the critically ill patient. Organised into 16 chapters, this edition covers all essential aspects of critical care nursing, from how to manage and monitor specific problems within organ systems, to how to provide sympathetic and compassionate care. A new chapter on 'Managing major incidents and preparing for pandemics' has been introduced with an insight to this crucial aspect of contemporary global healthcare. Written by a team of experienced nurses, this textbook supports staff working across the continuum of critical care to deliver safe, knowledgeable care that is rooted in a strong clinical, evidence base.

2011 AJN Book of the Year Winner in Critical Care--Emergency Nursing! "[This book is] a lavishly

detailed guide to the essence of becoming an expert nurse...I believe this book will secure a place on most educators' and expert clinicians' bookshelves. Every once in a while a better book comes along; this is one of those times." From the foreword by Joan E. Lynaugh, PhD, RN, FAAN Professor Emeritus, University of Pennsylvania School of Nursing A classic research-based text in nursing practice and education, this newly revised second edition explains, through first-hand accounts of the hard-earned experiential wisdom of expert nurses, the clinical reasoning skills necessary for top-tier nursing in acute and critical settings. It provides not only the most current knowledge and practice innovations, but also reflects the authors' vast experience using the first edition in practice and educational settings. This updated edition includes new interviews from acute care, critical care, perioperative nurses, and more. Attention is paid to current IOM and nursing guidelines for systems approaches to patient safety, with education and leadership implications described throughout. It is an essential resource for undergraduate and graduate nursing educators, students, administrators, and managers seeking to improve systems of care and leadership in clinical practice. Key Features Articulates major areas of knowledge and skill in acute, critical care, and perioperative nursing practice Provides vivid, first-hand accounts of hard-earned wisdom that facilitate clinical imagination, reflection, and lifelong learning Assists faculty, educators, APNs, and mentors in teaching nurses how to recognize recurring clinical syndromes and patterns Bridges the gap from theory to practice in dynamic patient care situations Embraces the complexity of caring for the critically ill and their families

Critical Care Nursing

Acute Care Casebook

ACUTE & CRITICAL CARE NURSE PRACTITIONER: CASES IN DIAGNOSTIC REASONING

The Medical-Legal Aspects of Acute Care Medicine

Emergency Management of the Hi-Tech Patient in Acute and Critical Care

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.

Intensive care medicine is a dynamic and evolving specialty, requiring its practitioners to be part physician, physiologist and anaesthetist. This requires a firm foundation of knowledge and an ability to apply this to the clinical situation. This book contains 270 multiple-choice questions allowing self-assessment of the breadth of knowledge required of the modern intensivist. The book is divided into three papers each consisting of 60 multiple true false (MTF) and 30 single best answer (SBA) questions covering areas including resuscitation, diagnosis, disease management, organ support, and ethical and legal aspects of practice. The MTF questions test factual knowledge and understanding of the evidence base underpinning intensive care

medicine, while the SBA questions test the ability of the candidate to prioritise, compete options and make the best decision for the patient. Each question is peer reviewed and accompanied by concise and detailed explanatory notes with references to guide further reading. All the authors are practising intensive care physicians with firsthand experience of professional examinations in the specialty. This book will appeal to intensive care physicians approaching professional examinations worldwide, including the European Diploma, American Board and Faculty of Intensive Care Medicine examinations. In addition, it will appeal to intensive care nurses and allied healthcare professionals wishing to update their knowledge as part of continuing professional development, and to physicians sitting professional examinations in related specialties requiring knowledge of intensive care medicine such as general medicine, general surgery and anaesthesia. This new book will complement the existing international best-selling title 'Multiple Choice Questions in Intensive Care Medicine' (ISBN 978 1 903378 64 9), also written by Dr Steve Benington.

What you really need to know, but no-one told you. The best-selling Essential Guide to Acute Care contains everything you need to know about acute care that you can't find in a standard textbook. The third edition has been extensively revised and updated, presenting new oxygen guidelines, updated evidence and practice around sepsis, fluid balance and volume resuscitation, acute kidney injury, perioperative care, and much more. The third edition retains the accessible style and comprehensive coverage that has made Essential Guide to Acute Care essential reading for those who look after acutely ill adults. Throughout the book, 'mini-tutorials' expand on the

latest thinking or controversies, and there are practical case histories to reinforce learning at the end of each chapter. The chapters are designed to be read by individuals or used for teaching material in tutorials. This new edition of *Essential Guide to Acute Care*: Provides up-to-date and practical guidance on the principles of acute care, written by experienced teachers and clinicians Offers a unique approach to the subject that focuses on understanding rather than lists and 'recipes' Explains the altered physiology that accompanies acute illness in adults Includes learning objectives, self-assessment questions, and illustrative examples related to clinical practice *Essential Guide to Acute Care* is an indispensable volume for medical students and newly graduated doctors; doctors training in medicine, surgery, anaesthesia and emergency medicine; advanced clinical practitioners; nurses and allied health professionals working in acute and critical care; and teachers.

'*Acute and Critical Care Echocardiography*' is the first practical guide dedicated to helping doctors use transthoracic echocardiography to manage acutely and critically ill patients. The text provides readers with a grounding in theoretical evidence-based aspects of critical care echocardiography. The work is mapped to the new accreditation syllabus in *Advanced Critical Care Echocardiography* set by the British Society of Echocardiography, ensuring that it is relevant to professional standards and teaches doctors exactly what they need to know. Self-assessment questions help readers retain what they have learned and revise for exams

Adult Critical Care Medicine

Clinical Wisdom and Interventions in Acute and Critical Care, Second Edition

A Clinical Casebook

A Resource for Clinicians, Administrators, and Risk Managers

Evidence-Based Practice of Critical Care E-Book

Focusing on areas common to all critically ill patients, including fluid therapy, sedation, shock, infection and other central topics, this reference to basic pathophysiological principles provides an excellent launch pad for a section on individual disease entities. The text is supported by problem-oriented guidelines to help the care provider tackle real-life practical problems. The new edition reflects the challenges of intensive care medicine, relevant to all residents, trainees, nursing staff and paramedics attached to the ICU. First Edition Pb (1996): 0-521-47812-X

Presenting the knowledge and tools the CNS needs to provide the best standards of practice and performance, this text 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. 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.

From the publishers of the market-leading at a Glance series comes a comprehensive yet accessible overview of all the fundamental elements of acute and critical care nursing. Acute and Critical Care Nursing at a Glance provides an introduction to the key knowledge and skills for patient assessment and problem identification, as well as how to plan, implement and evaluate care management strategies. It also explores clinical decision-making processes and their impact on care delivery, as well as key psychosocial issues, pain management, and safe transfer. All information is presented in a clear, double-page spread with key information accompanied by tables, illustrations, photographs and diagrams. Key features: Superbly illustrated, with full colour illustrations throughout An accessible, evidence-based, introduction to a complex topic Presents information structured according to the

Resuscitation Council's systematic ABCDE framework for ease of understanding Accompanied by patient case studies to help apply theory to practice Acute and Critical Care Nursing at a Glance is ideal for nursing students, healthcare assistants, and registered nurses working within the acute and critical care setting.

EMERGENCY MANAGEMENT OF THE HI-TECH PATIENT IN ACUTE AND CRITICAL CARE Emergency Management of the Hi-Tech Patient in Acute and Critical Care helps practitioners stabilize and care for pediatric and adult patients who have specialized medical devices such as prosthetic valves, cochlear transplants, insulin pumps, orthopedic hardware, and ventriculoperitoneal (VP) shunts. Using a step-by-step approach to acute presentations of patients with clinical hardware, this concise yet comprehensive guide provides specific instructions for the initial evaluation and management of numerous clinical scenarios including device malfunctions, infections, trauma, surgical complications, and more. Encompassing management of both the patient and

the device, the guide enables emergency and critical care clinicians to rapidly make appropriate treatment decisions without the immediate need for extensive research, extended discussions with subspecialists, or recalling complex diagnostic and therapeutic algorithms. Clear, concise, and easy-to-follow chapters—written by a panel of highly experienced experts across specialties—include numerous algorithms, figures, tables, diagrams, and color illustrations and clinical images. An invaluable resource for improving the quality of care for the unique hi-tech patient population, this advanced practical manual: Provides algorithms for the most common clinical scenarios of device malfunction and related complications Covers management of patients who have undergone major operations such as organ transplantation or complex congenital heart disease repair Presents detailed management plans for a wide range of hardware types and medical conditions Offers expert guidance to practitioners in settings where not all specialties are readily available, such as rural and remote

areas or community hospitals Features contributions from a team of experts in various areas of adult and pediatric emergency and critical care medicine Emergency Management of the Hi-Tech Patient in Acute and Critical Care is a must-have clinical reference and guide for pediatric and adult emergency medicine physicians, general pediatricians, internists, general practitioners, critical care specialists, and allied health practitioners.

Clinical Intensive Care and Acute Medicine

Advanced Practice in Critical Care

Critical Care

Oxford Handbook of Critical Care

A Case Study Approach

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

The World Federation of Societies of Intensive and Critical Care

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Medicine (WFSIC- CM) has reached the age of maturity. Physicians, nurses, and many others associated with the field of Intensive and Critical Care Medicine will be coming from all corners of the world to Florence, Italy in August, 2009 to celebrate the 10th quadrennial congress. Every 4 years for the last 36 years, congresses in the magnificent venues of London (1973), Paris (1977), Washington (1981), Jerusalem (1985), Kyoto (1989), Madrid (1993), Ottawa (1997), Sydney (2001), and Buenos Aires (2005) have signified an ever-developing process which has resulted in the four pillars of the field of Intensive and Critical Care Medicine, namely partnership, ethics, professionalism, and competence. The first pillar is based on a stronger interdisciplinary collaboration and a multi-professional partnership in the field of Intensive and Critical Care Medicine. In recent decades, professional activity in medicine has been regulated by well-defined, universal principles, such as the welfare of the patient, autonomy, social justice, and the patient-physician relationship. The second pillar, ethics, has offered welcomed assistance to all these principles in establishing an ethics curriculum.

Delays in recognising deterioration, or inappropriate management of people in acute care settings can result in late treatment, avoidable admissions to intensive care units and, in some instances, unnecessary

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deaths. As the role of the nurse in healthcare settings continues to change and evolve, today's nursing and other healthcare students need to be equipped with the fundamental skills to recognise and manage deterioration in the patient in a competent and confident manner, appreciating the complexities of caring for those who are acutely unwell as you learn to become practitioners of the future. Using a body systems approach, and fully updated in light of new NEWS2 and NMC future nurse standards, as well as acknowledging the challenges faced by people with delirium in acute care settings, the second edition of this book provides a comprehensive overview of the essential issues in this important subject. Topics covered include recognition and identification of physiological and mental deterioration in adults; identification of disordered physiology that may lead to a medical emergency linked to deterioration of normal function; relevant anatomy and physiology; pathophysiological changes and actions that need to be taken; immediate recognition and response; investigations, diagnosis and management issues; and teaching and preventative strategies. Including case studies and test yourself questions, this book is an essential tool for student nurses who are required to undertake acute care experiences and are assessed in theory and practice. This pocket guide is a single-volume source of the most common and important formulas and laboratory values used in the daily practice of

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acute care and critical care medicine. Information is presented in outline format and as tables, graphics, and algorithms to facilitate quick look up. Acute and Critical Care Formulas and Laboratory Values is designed to help clinicians to interpret clinical data, to apply formulas, and to understand laboratory values, and to integrate this information with their knowledge of pathophysiology to promote the delivery of evidence-based care. • Essential formulas and laboratory values • Multiple ways to derive a value, where appropriate • Non-clinical formulas useful for understanding physiologic concepts or that underlie diagnostic tests or clinical measurement included • Chapters divided by organ system • Practical appendixes of "Abbreviations" and "Key Telephone Numbers" • A special "Notes" section for recording frequently used formulas

Intensive Care Medicine MCQs

Annual Update in Intensive Care and Emergency Medicine 2014

The ESC Textbook of Intensive and Acute Cardiovascular Care

ABC of Intensive Care

A Thinking-in-Action Approach

This book helps adult nursing students to competently manage care of critically and acutely ill patients, and to recognize and deal with the early signs of deterioration. The book takes a practical real-life approach to care, with each chapter focusing on patients with specific problems, then interweaving the knowledge and skills needed to care for that patient. New to

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this edition: · two new chapters focusing on the renal system and endocrine system · updates to include the latest evidence and guidelines from NICE · refreshed activities and scenarios reflecting current nursing practice.

This clinical casebook provides a comprehensive yet concise state-of-the-art review of adult critical care medicine. Presented in a case-based format, each case focuses on a scenario commonly encountered with an adult patient in the ICU. Case scenarios include management of seizures and acute intracranial hypertension, sepsis, liver failure, brain death, bleeding and thrombosis, and treating hospital acquired infections in the ICU. Written by experts in the field, *Adult Critical Care Medicine: A Clinical Casebook* is a valuable resource for critical care specialists and practitioners who treat adult patients in critical care settings.

This second edition of a classic text in nursing education describes the major domains of nursing practice in acute , critical and perioperative care within today's complex and technologically driven health care industry. Its focus on clinical reasoning - what it is and how it works - provides for a substantial text intended for undergraduate and graduate nursing students who are learning critical and acute care, for educators teaching clinical reasoning, and for those seeking to improve systems of care and leadership in clinical practice. Revised and updated to current pedagogy and practice needs, this second edition will expand upon the success of the first edition and become a classic on its own. Originally based on a three-year research project with interviews and observations of 205 RNs and APNs in critical care, emergency departments, perioperative areas, and emergency transport services, the second edition includes new interviews from acute care, critical care and perioperative nurses, and new commentary, among other improvements. Attention is paid to current IOM and nursing

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guidelines for system approaches to patient safety, with education and leadership implications described throughout. The authors bring to the second edition over a decade of experience using the first edition in the classroom and in-service settings. Key Features: Updates the classic first edition to current pedagogy and practice needs Articulates major areas of knowledge/skill in acute, critical care, and perioperative nursing practice Provides vivid examples that foster clinical imagination, reflection, and lifelong learning Assists faculty, educators, APNs and preceptors in teaching/mentoring nurses how to clinically reason (recognizing recurring clinical syndromes and patterns)

Electrocardiography in Emergency, Acute, and Critical Care, 2nd Edition

Science and Practice

Acute and Critical Care Clinical Nurse Specialists