

The Handbook Of Surgical Intensive Care Practices Of The Surgical Residents At Duke University Medical Center

Cardiothoracic Critical Care E-BookThe Handbook of Surgical Intensive CareA Practical Handbook on Pediatric Cardiac Intensive Care TherapyOxford Textbook of Critical CareCardiac Surgery Essentials for Critical Care NursingHandbook of Evidence-Based Critical CareThe Handbook of Surgical Intensive CareHandbook of ICU TherapyNeurosurgical Intensive CareThe ICU BookCritical Care Medicine Review: 1000 Questions and AnswersHandbook of Neonatal Intensive CareHandbook of Critical and Intensive Care MedicineManual of Neonatal Surgical Intensive CarePrinciples of Adult Surgical Critical CareCritical Care Procedure BookThe Handbook of Surgical Intensive CareClinical Intensive Care MedicinePediatric and Congenital Cardiology, Cardiac Surgery and Intensive CareThe Clinical Handbook for Surgical Critical CareThe Clinical Handbook for Surgical Critical CareHandbook of Evidence-Based Critical CareSurgical Critical Care TherapyOh's Intensive Care Manual E-BookRogers' Textbook of Pediatric Intensive CareClinical Intensive Care and Acute MedicineCritical Care Handbook of the Massachusetts General HospitalSurgical Intensive Care MedicineThe Surgical Critical Care HandbookNational Library of Medicine Current CatalogThe Handbook of Surgical Intensive CareOxford Handbook of Critical CareHandbook of Drugs in Intensive CareIntensive Care Unit ManualCritical Care SurgeryHandbook of Critical and Intensive Care MedicineThe Parkland Trauma Handbook E-BookIntensive CareA Practical Handbook on Pediatric Cardiac Intensive Care TherapyHandbook Of Intensive Care Organization And Management

Cardiothoracic Critical Care E-Book

This handbook considers topics that have general application to the critically ill patient. Basic pathophysiology and understanding of its role in critical care monitoring and management are covered, followed by a close look at trauma related and non-trauma related entities likely to afflict the critically ill surgical patient. The authors consist of practitioners who are experts in their field. They represent the team approach to critical care management where members from the divisions of anesthesia, internal medicine, respiratory medicine, infectious disease and surgical specialties all contribute in formulating intervention, assessment and management plans for the critically ill surgical patient. By emphasising the surgical conditions requiring critical care, The Surgical Critical Care Handbook will serve as a quick and easy reference for any medical trainee or practitioner aspiring to join the ICU.

The Handbook of Surgical Intensive Care

The fully revised, third edition of this bestselling Handbook describes best practice of critical care in a succinct, concise and

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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.

A Practical Handbook on Pediatric Cardiac Intensive Care Therapy

Pediatric and Congenital Cardiology, Cardiac Surgery and Intensive Care provides a consistent and comprehensive approach to multiple congenital and acquired cardiac pathologies pre, peri and postoperatively, with the use of algorithms, guidelines and current research issues. Included with the e-reference are interactive videos with the most common interventions, online access to practical learning activities, and to the comprehensive Aristotle score and database. This reference work satisfies the need for a universal and practical review of management of critically ill children and adults with congenital heart disease, based upon taskforce decisions and the cumulative experience of the world leaders in the field.

Oxford Textbook of Critical Care

Cardiac Surgery Essentials for Critical Care Nursing

The Clinical Handbook for Surgical Critical Care, Second Edition covers all aspects of acute and emergency care for the critically ill or injured patient who may be in the ICU and/or CCU. This new edition is separated into chapters by organ systems, and takes a look at the critical disease states associated with these organs. All chapters follow th

Handbook of Evidence-Based Critical Care

This book combines valid physiology and treatment strategies with the institutional experience of one of the leading German pediatric heart centers. It is intended as a pragmatic guide, focusing on daily practice and bedside medicine: straightforward, easy to implement, and results-oriented. It offers readers a profound understanding of intensive care, with a specific focus on organ systems, their interactions, and the effect of life support technologies, pursuing a comprehensive

approach to congenital heart defects and therapies, including pitfalls and solutions. The target group is extended towards pediatric cardiologists and anesthesiologists by integrating chapters on the systematic analysis of hemodynamics and anatomy, diagnostics and treatment of congenital heart defects, plus a chapter on modern anesthesiology during heart operations with a focus on early extubation that minimizes on-pump and medication trauma. As such, the book offers a pragmatic and clinically oriented guide for physicians with advanced experience and expertise in (cardiac) intensive and intermediate care, as well as beginners and junior physicians.

The Handbook of Surgical Intensive Care

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.

Handbook of ICU Therapy

This text provides a high level, comprehensive but concise review of adult surgical critical care. It can be used to review complex topics of critical illness in surgical patients, as a reference tool, or as preparation for a board examination. It is focused on the surgical patient including high yield facts, evidence-based guidelines, and critical care principles. To remain succinct, it concentrates on surgically relevant care. Further, the text is written with an expectation that reader already possesses a basic understanding of critical care pathophysiology and clinical practices such as those acquired during residency. Organized by organ system, each section contains several chapters addressing relevant disorders, monitoring and treatment modalities, and outcomes. Principles of Adult Surgical Critical Care will be of use to intensivists caring for surgical patients regardless of parent training domain. Additionally, this work is intended to be used by surgical critical care fellowship trainees as well as other advanced practice providers such as nurse practitioners and physician assistants who provide care in ICUs and emergency departments alike.

Neurosurgical Intensive Care

Intensive care patients are the most critically ill in any hospital and they are a patient group that utilises a disproportionate amount of medical resources. Intensive care medicine, around for about 40 years, is a relatively recent but globally expanding specialty due to a growing geriatric population of discerning demand for health system. The older generation of

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intensivists are approaching retirement. The middle generation is trained in various medical specialties and then subspecialised in intensive care. These doctors now lead the way in clinical practice, research, management and training. On the other hand, the younger generation of intensivists includes an ever increasing number of doctors who, for the first time, enjoy a structured training program with clinical rotations, courses, and exam qualifications. Written by outstanding specialist practitioners who are also internationally acclaimed authors from the UK and North America, this is an authoritative guide to practical intensive care medicine. The clinical contents of the book share a practical and educational common thread with each chapter addressing pertinent clinical challenges comprehensively. This invaluable book is specially targeted at medical students, trainees in intensive care medicine and other acute specialties, consultants wishing to remain up to date on all branches of this vast specialty and other allied professionals practicing in intensive care including nurses and physiotherapists. Contents:History of Intensive Care (Jennifer Jones)Cardiovascular Physiology (Ian Webb and David Treacher)Respiratory Physiology (Nicholas Lees and Neil Soni)Cellular Physiology in Critical Care (David Brealey and David Howell)Cardiovascular Monitoring (Parind Patel)Vasoactive Agents (Gayathri Satkurunath, Raha Rahman West and Andrew Rhodes)Mechanical Ventilation (Amisha V Barochia, Charles Natanson and Peter Q Eichacker)Non-Invasive Ventilation (Borja G Cosío and José M Echave Sustaeta)Nutrition (Richard Leonard)Microbiology and Infection Control (Annette Jepson)Radiological Imaging in Intensive Care (Kanupriya Agrawal and Andrew R Wright)Biochemistry in Intensive Care (Paul Holloway)Haematology in Intensive Care (Lesley Kay)Peri-Operative Intensive Care Medicine (S Ramani Moonesinghe and Michael G Mythen)Post-Operative Intensive Care (Umeer Waheed and Mark G A Palazzo)Sepsis (Richard Stümpfle)Airway Management in Intensive Care (Virinder S Sidhu)Neurocritical Care (Nicholas Hirsch, Christopher Taylor and Martin Smith)Cardiopulmonary Intensive Care (Marius Gota, Allen Bashour and Michael O'Connor)Respiratory Intensive Care (Sarah L Stirling and Mark J D Griffiths)Vascular Intensive Care (Susan Jain and Carlos M H Gómez)Liver Intensive Care (Julia Wendon and Patrick Ward)Acute Kidney Injury in Intensive Care (Shaikh A Nurmohamed, Marc G Vervloet and A B Johan Groeneveld)Obstetrics Problems in Intensive Care (Surbi Malhotra)Paediatric Intensive Care (Simon Nadel)Trauma Intensive Care (Peter J Shirley)Intensive Care of Burns Patients (Lena C Andersson, Hans C Nettelblad and Folke Sjoeborg)Poisoning (David J Watson)Transfer of the Critically Ill (Harriet Wordsworth)Ethics in Critical Care (Simon Munk and Andrew Hartle)Leadership and Management in Critical Care (Andrew R Webb)Evidence-Based Intensive Care (Sunil Grover and Carlos M H Gómez) Readership: Doctors, nurses and physiotherapists specialising in intensive care medicine, doctors in acute medical specialties and medical students. Key Features:A leading resource for those who intend to study, practice and excel in intensive care medicineAn authoritative and comprehensive guide presented in a readable and concise styleKeywords:Intensive Care;Critical Illness;Multiple Organ Failure;Major Surgery;Mechanical Ventilation;Haemofiltration

The ICU Book

Extensively revised and updated, the New Edition of this user-friendly guide provides quick answers to the diagnostic and

therapeutic questions encountered on a daily basis. Includes new and expanded chapters on the techniques of common ICU procedures, medications, nutrition, anesthesia, and more. Plus, an organ system organization makes reference easy!

Critical Care Medicine Review: 1000 Questions and Answers

Cardiac Surgery Essentials for Critical Care Nursing, Third Edition is an indispensable resource for new and experienced nurses caring for patients in critical care units immediately following cardiac surgery and in the transitioning to home. With an evidence-based foundation, the Third Edition addresses nursing knowledge to meet the needs of acutely ill patients and strategies to optimizing patient outcomes in this dynamic field. Vital information has been added and updated to reflect significant changes in cardiac surgery as well as four new chapters based on needs of patients, families, and readers. These new chapters address nutritional issues, post ICU-care, psychological and spiritual support, and rehabilitation care post cardiac surgery.

Handbook of Neonatal Intensive Care

Whether you are a physician or surgeon with only occasional trauma duties, a resident rotating in trauma, or part of a full-time trauma team, this handbook will help keep your procedures and practices in line with the latest evidence-based guidelines. Included is current information for alternative airway management, ultrasound in the trauma setting, laparoscopic surgery in trauma, terrorism preparedness, damage control, the trauma systems quality improvement process, bedside procedures in the surgical intensive care unit, massive transfusion protocol, diagnosis of blunt cervical vascular injury, and much more. Presents an evidence- and experience-based guide to the evaluation and initial management of the trauma patient. Provides a comprehensive but concise trauma reference you can carry in your pocket. Consists of information direct from the residents on the frontlines at Parkland Memorial Hospital. Provides "Fast Facts and "Pearls and Pitfalls in each chapter that emphasize key points to help you find information quickly and easily. Incorporates "Evidence boxes highlighting evidence-based guidelines, when available, to help you make more rational judgments about the issues at hand. Contains up-to-date coverage of timely issues in trauma and critical care including damage control, ultrasound, bedside procedures in the ICU, and terrorism preparedness. Reflects the numerous advances made in trauma care since the last edition.

Handbook of Critical and Intensive Care Medicine

This book combines valid physiology and treatment strategies with the institutional experience of one of the leading German pediatric heart centers. It is intended as a pragmatic guide, focusing on daily practice and bedside medicine:

straightforward, easy to implement, and results-oriented. It offers readers a profound understanding of intensive care, with a specific focus on organ systems, their interactions, and the effect of life support technologies, pursuing a comprehensive approach to congenital heart defects and therapies, including pitfalls and solutions. The target group is extended towards pediatric cardiologists and anesthesiologists by integrating chapters on the systematic analysis of hemodynamics and anatomy, diagnostics and treatment of congenital heart defects, plus a chapter on modern anesthesiology during heart operations with a focus on early extubation that minimizes on-pump and medication trauma. As such, the book offers a pragmatic and clinically oriented guide for physicians with advanced experience and expertise in (cardiac) intensive and intermediate care, as well as beginners and junior physicians.

Manual of Neonatal Surgical Intensive Care

The third edition of the Manual of Surgical Neonatal Intensive Care addresses the interdisciplinary area of the perioperative management of newborns with surgical conditions. The manual is a collaborative effort between the surgical staff at Children's Hospital and the medical staff at Boston Children's Hospital, Beth Israel Deaconess Medical Center, Brigham and Women's Hospital, and hospitals further afield. Its intended audience is surgeons, neonatologists, pediatricians, neonatal nurse practitioners, neonatal nurses, critical care transport clinicians, and all other healthcare providers trained to render pre- or postoperative services or counseling in the care of newborns. The authors intend for the manual to be useful to both medical and surgical clinicians. Where appropriate, chapters follow a standard order: embryology; prenatal diagnosis (treatment); postnatal presentation; postnatal diagnosis; differential diagnosis; preoperative management; implications for anesthesia; surgical management; postoperative management, complications and other outcomes. Illustrated in black and white with tables, drawings, and photographs, the text includes hands-on guidelines to the nonoperative management of newborns with surgical conditions.

Principles of Adult Surgical Critical Care

Surgical Intensive Care Medicine has been specifically designed to be a practical reference for medical students and house officers to help manage the critically ill surgical patient. The first section is titled "Resuscitation" and exposes the reader to a condensed version of generic topics in primary intensive care medicine. The sections that follow have been categorized according to medical and surgical subspecialties and cover the most germane of problems encountered in a tertiary surgical intensive care unit. Sections of certain chapters, while repetitive, have been left intact in an attempt to maintain the authors' messages and provide the reader with some contradictory but referenced views. The technical chapters describe a very introductory approach to various exercises such as airway management and vascular cannulation.

Critical Care Procedure Book

The thoroughly revised second edition of the Oxford Textbook of Critical Care is a comprehensive multi-disciplinary text covering all aspects of adult intensive care management. Uniquely the book takes a problem-orientated approach providing a reference source for clinical issues experienced every day in the intensive care unit. The text is organized into short topics allowing readers to rapidly access authoritative information on specific clinical problems. Each topic refers to basic physiological principles and provides up-to-date treatment advice supported by references to the most vital literature. Where international differences exist in clinical practice, authors cover alternative views. Key messages summarise each topic in order to aid quick review and decision making. Edited and written by an international group of recognized experts from many disciplines, the second edition of the Oxford Textbook of Critical Care provides an up-to-date reference that is relevant for intensive care units and emergency departments globally. This volume is the definitive text for all health care providers, including physicians, nurses, respiratory therapists, and other allied health professionals who take care of critically ill patients. This print edition of The Oxford Textbook of Critical Care comes with a year's access to the online version on Oxford Medicine Online. By activating your unique access code, you can read and annotate the full text online, follow links from the references to primary research materials, and view, enlarge and download all the figures and tables.

The Handbook of Surgical Intensive Care

This new edition provides an accessible account of the essentials of intensive care medicine. The core 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, 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 tackle 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 all residents, trainees, nursing staff and paramedics attached to the ICU.

Clinical Intensive Care Medicine

This bestselling handbook is a practical, complete, and current guide to medical and surgical critical care. This edition includes new chapters on disaster preparedness in the ICU, quality improvement and prophylaxis, non-antibiotic therapies for sepsis, and use of ultrasound in the ICU.

Pediatric and Congenital Cardiology, Cardiac Surgery and Intensive Care

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.

The Clinical Handbook for Surgical Critical Care

This new, expanded and updated edition of Handbook of ICU Therapy builds on the success of the first edition and continues to provide concise information on a broad spectrum of issues relating to care of the critically ill patient. There are also several new, topical chapters. As with the first edition, it is equally applicable to anaesthetists, intensivists, operating department practitioners and anaesthetic/theatre/recovery nurses, and the heart of the book focuses on providing practical information in a readable and easily accessible format. All of the authors are directly involved in ICU practice and/or research and are familiar with the most recent developments in this fast-moving area of medicine.

The Clinical Handbook for Surgical Critical Care

Covering all four critical care board exams (anesthesiology, surgery, internal medicine, and neurology), Critical Care Medicine Review: 1000 Questions and Answers prepares you for exam success as well as clinical practice in today's ICU. This full-color, easy-to-use review tool provides challenging case studies, relevant images, multiple-choice board-style questions, rationales for correct and incorrect answers, and references for every question. Edited by instructors of anesthesia and critical care from Harvard Medical School and Massachusetts General Hospital, this comprehensive resource is an ideal study guide for critical care fellows, recertifying practitioners, and CCRNs.

Handbook of Evidence-Based Critical Care

Why write a book on the management of critically ill patients? Over the past few decades we have seen an enormous growth in the number of intensive care units (ICU) across the world. Indeed, it is estimated that a large proportion of health care expenses are devoted to patients in these specialized units. Medical students, residents, fellows, attending physicians, critical care nurses, pharmacists, respiratory therapists, and other health-care providers (irrespective of their ultimate field

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of practice) will spend several months or years of their professional lives taking care of critically ill or severely injured patients. These clinicians must have special training, experience, and competence in managing complex problems in their patients. Moreover, these clinicians must interpret data obtained by many kinds of monitoring devices, and they must integrate this information with their knowledge of the pathophysiology of disease. Even more important is the fact that anyone working in an ICU or with a critically ill patient must approach patients with a multidisciplinary team. The phrase there is no I in TEAM comes to mind.

Surgical Critical Care Therapy

Critical Care Surgery provides an illustrative, instructive, and comprehensive review that depicts the rationale of basic operative principles essential to surgical therapy in the critically ill patient. The chapters provide pertinent and concise, summaries of how to deal with various types of critical illness, including acute renal failure, coma and altered mental status, multiple organ dysfunction and hepatic failure. Stages of operative approaches with relevant technical considerations are outlined in a straightforward manner, and complications are reviewed when appropriate for the organ system and problem. The text is illustrated throughout by line drawings and photographs that depict anatomic or technical principles. A concise, handbook-sized reference work, this book is a valuable resource for all general surgeons and residents in training.

Oh's Intensive Care Manual E-Book

Rogers' Textbook of Pediatric Intensive Care

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 toxicology. The handbook includes thoroughly updated chapters from the previous edition, alongside completely new material. Written by an authority in the field, the Handbook of Critical and Intensive Care Medicine, Third Edition is a valuable one-stop reference for every practitioner engaged in Critical Care Medicine across the world.

Clinical Intensive Care and Acute Medicine

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

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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.

Critical Care Handbook of the Massachusetts General Hospital

This new bedside manual guides you through all the practical aspects of managing patients following cardiothoracic surgery and critically ill cardiology patients. Primarily designed to use in cardiothoracic intensive care units and coronary care units, it covers the perioperative management for the full range of cardiothoracic surgical procedures, the management of complications, and related issues. Core topics in cardiothoracic critical care, such as hemodynamic instability, arrhythmias, bleeding, and mechanical cardiac support, are afforded broad coverage. Also included are sections on advanced ventilatory techniques and veno-venous ECMO for treating severe respiratory failure, as well as nutritional support, treating and preventing infection, renal failure, and care of the dying patient. Concisely written and featuring liberal use of illustrations as well as an integrated, tightly edited style, and a limited number of key references, this volume will become your reference of choice for the care of cardiothoracic surgery patients and critically ill cardiology patients. Find information quickly with concisely written text. Get a more complete picture with extensive illustrations. Focus on just the information you need using a limited number of key references. Navigate the complexities of critical care for a full range of cardiothoracic surgery patients with in-depth coverage of perioperative care, management of complications, and more.

Surgical Intensive Care Medicine

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.

The Surgical Critical Care Handbook

This text provides a comprehensive, state-of-the-art review of this field, and will serve as a valuable resource for clinicians, surgeons and researchers with an interest in surgical critical care. The book reviews up to date data regarding the management of common problems that arise in the Surgical Intensive Care Unit. The protocols, care bundles, guidelines and checklists that have been shown to improve process measures, and in certain circumstances, are discussed in detail. The text also discusses several well designed randomized prospective trials conducted recently that have altered the way we care for surgical patients with traumatic brain injury, hemorrhagic shock, acute respiratory distress syndrome, and sepsis. This book provides the practicing physician with a clinically oriented practical approach to handle basic and complex issues in the Surgical Intensive Care Unit. This text will serve as a very useful resource for physicians dealing with critically ill surgical patients. It provides a concise yet comprehensive summary of the current status of the field that will help guide patient management and stimulate investigative efforts. All chapters are written by experts in their fields and include the most up to date scientific and clinical information. This text will become an invaluable resource for all graduating fellows and practicing physicians who are taking the surgical critical care board examinations.

National Library of Medicine Current Catalog

An authoritative pocket-sized guide on the medical and surgical management of neurosurgical intensive care patients. Decompression is still the mainstay of surgical intervention for neurosurgeons treating neurocritical care patients. However, during the last 20 years, an evolution away from a mechanistic approach has transformed neurocritical care into an increasingly multidisciplinary field. Neurosurgical Intensive Care, 2nd Edition reflects this new paradigm, authored by a neurosurgeon with contributions from experts in the fields of neurology, vascular neurology, interventional neuroradiology, anesthesiology, critical care, traumatology, nutrition, and advanced practice nursing. Neuromonitoring advances have enabled customized interventions tailored to each patient's unique circumstances. The critical care of neurosurgical patients has evolved from an emphasis on pulmonary care (ventilation and oxygenation) to a more nuanced understanding of cerebral protection measures required to manage a disrupted blood-brain-barrier. This edition encompasses advances in the use of ICP monitors, external ventricular devices, brain tissue oxygen monitoring devices, cerebral microdialysis, fluid and electrolyte correction, as well as the increasing use of continuous EEG in the ICU. Key Features Straightforward summaries for each stage of patient care including bedside exams, neuroimaging, lab work, triage procedures, sedation and pain management, neuropharmacology, nutritional needs, administration of fluids, and more. 159 tables and figures facilitate rapid evaluation and decision making. Clinical pearls on a wide range of ICU scenarios - from pathophysiology and management of coma - to interventions for spinal cord injury, multisystem injuries, acute ischemic stroke, and pediatric cases. Insights on how to handle family communication and spiritual needs, medical-legal issues, and discharge planning

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This compact, highly practical handbook provides a stellar reference for managing critically ill neurosurgical patients in the ICU. It is a must-have resource for nurses, medical students, residents, fellows, and attending physicians who treat these patients.

The Handbook of Surgical Intensive Care

The 4th Edition of this concise and practical book on the management of the critically ill neonate is now completely rewritten and revised! Features practical tips highlighted throughout the text, a step-by-step approach to key procedures, and specific points at the end of each chapter.

Oxford Handbook of Critical Care

The global trend of increasingly ageing societies and long term illnesses has meant a growth in demand for intensive care resources. This book advises on leadership and organizational development of intensive care units, in order to give best practices for governance, performance, emergency response and safety. Written by international experts in the field, each chapter allows researchers, clinicians and service providers worldwide to be able to refer to this single reference book. In seven parts, the volume will tackle aspects of intensive care management in both global and local contexts, and interrogate the key concerns that service providers face. It works as an informative guide for the practical administration of intensive care, as well as being international in its design and information.

Handbook of Drugs in Intensive Care

An experienced doctor offers a behind-the-scenes picture of an Intensive Care Unit in a large city hospital, presenting true accounts of the patients, doctors, nurses, and medical students who cope with life-affecting decisions every minute of every day.

Intensive Care Unit Manual

A practical A-Z pocket manual that explains how to use drugs safely and effectively in an intensive care setting.

Critical Care Surgery

This book provides a comprehensive review, with illustrations and guidelines, of bed side procedures performed in critical

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care units. Critical care procedures are included in a step by step manner. They are easy to review and help perform procedures confidently at the bed side with minimal complications. It is a great review book of procedures for the board exams, and gives an excellent review of intensive care unit procedures for clinicians and trainees. This book includes neuro-critical care, cardiothoracic and medical surgical intensive care unit procedures.

Handbook of Critical and Intensive Care Medicine

The Parkland Trauma Handbook E-Book

The Clinical Handbook for Surgical Critical Care, Second Edition covers all aspects of acute and emergency care for the critically ill or injured patient who may be in the ICU and/or CCU. This new edition is separated into chapters by organ systems, and takes a look at the critical disease states associated with these organs. All chapters follow th

Intensive Care

This pocket handbook provides a guide for the management of patients in surgical intensive care. It stresses the relationships between basic physiology and clinical medicine, leading to a sound understanding of the underlying pathophysiology. The text is organized anatomically by organ system with additional chapters on specialty problems and topics such as nutrition, delirium, endocrinology, infections, burns and medications. Tables, diagrams, and line illustrations add to the book's rapid-access format.

A Practical Handbook on Pediatric Cardiac Intensive Care Therapy

This updated and revised edition of the classic bedside pocket reference remains the gold standard in critical care medicine. The new edition maintains Dr. Marik's trademark humor and engaging writing style, while adding numerous references.

Handbook Of Intensive Care Organization And Management

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