

## **Pediatric Acute Care A Guide For Interprofessional Practice**

A Practical Handbook on Pediatric Cardiac Intensive Care TherapyAACN Procedure Manual for Pediatric Acute and Critical CarePediatric Primary CareCases in Pediatric Acute CareOh's Intensive Care Manual E-BookPediatric Critical Care NutritionPediatric Critical Care Study GuideMosby's Comprehensive Pediatric Emergency CareManual of Pediatric Intensive CarePediatric Critical Care in Resource-Limited SettingsFast Facts for Pediatric Primary CarePediatric Acute Respiratory Distress SyndromeAACN Core Curriculum for Pediatric High Acuity, Progressive, and Critical Care Nursing, Third EditionA Guide to Pediatric AnesthesiaPediatric Cardiology for PractitionersLippincott Certification Review: Pediatric Acute Care Nurse PractitionerPhysical Therapy in Acute CareManual of Emergency and Critical Care UltrasoundPediatric Acute Care E-BookPediatric Acute CareRogers' Textbook of Pediatric Intensive CareManual of Pediatric Intensive Care - E-BookPediatric Critical CarePediatric Nurse Practitioner Certification Study Question BookPediatric Critical Care Medicine, An Issue of Pediatric Clinics of North America, E-BookPediatric Nurse Practitioner Certification Review GuidePediatric Acute CareThe PICU HandbookCritical Care Pediatric Nephrology and Dialysis: A Practical HandbookNeonatal Respiratory Care HandbookCardiac Intensive Care - E-BookCritical Care of the Pediatric Immunocompromised Hematology/Oncology PatientPediatric Emergency MedicinePediatric Critical Care MedicinePediatric Critical CareManual of Pediatric Critical CareThe PICU BookPaediatric Intensive Care NursingThe Harriet Lane Handbook E-BookA Practice of Anesthesia for Infants and Children

### **A Practical Handbook on Pediatric Cardiac Intensive Care Therapy**

The topics in this issue represent the most current research areas of the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Collaborative Pediatric Critical Care Research Network (CPCCRN). The CPCCRN is a national pediatric critical care research network that is charged with investigating the efficacy of treatment and management strategies to care for critically ill and injured children, as well as to better understand the pathophysiological basis of critical illness and injury in childhood. The proposed authors are past and present principal and co-investigators affiliated with the CPCCRN; the proposed topics represent the individual author's area of clinical and research expertise. Each review article is an up-to-date review of the topic relevant to practicing clinicians and trainees in critical care medicine, with incorporation of the most recently published research findings pertinent to the topic, some of which may be the author's own. The specific articles are devoted to the following topics: Cardiopulmonary resuscitation in pediatric and cardiac ICU; Approach to the critically ill pediatric trauma patient; Transfusion Decision Making in Pediatric Critical Illness; Pathophysiology and management of ARDS in children; Ventilator associate pneumonias in critically ill children; Mechanical ventilation and decision support in pediatric intensive care; Inflammation, pathobiology, phenotypes and sepsis: From meningococemia to H1N1-MRSA, to Ebola; Immune paralysis in pediatric critical care; Molecular biology of critical illness;

Sedation in pediatric critical illness; Delirium in pediatric critical illness; Challenges of drug development in pediatric intensive care; Potential of All Steroid Hormone Subclasses as Adjunctive Treatment for Sepsis; Morbidity: Changing the outcome paradigm; and End-of-Life and Bereavement Care in Pediatric Intensive Care Units.

## **AACN Procedure Manual for Pediatric Acute and Critical 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.

## **Pediatric Primary Care**

This volume provides an overview of the most important current controversies in the field of pediatric intensive care. Organized into sections based on organ systems, the text focuses on controversies surrounding disease processes of the cardiac, respiratory, gastrointestinal, hematologic / immunologic, endocrine, and neurologic systems. Each chapter reviews the pros and cons of specific management approaches through case studies and the most up-to-date evidence-based resources, and concludes with bulleted take-home points for ease of use. Written by experts in the field, Pediatric Critical Care: Current Controversies is a valuable resource for intensivists, advanced practice providers, nurses, and other health care providers involved in the care of critically-ill children.

## **Cases in Pediatric Acute Care**

Using detailed, step-by-step guidelines, this comprehensive book covers procedures commonly performed by all nurses in pediatric critical care. Following the successful format of the AACN Procedure Manual for Critical Care, 5th edition, this new resource focuses on the unique aspects of caring for infants and children. This easy-to-use guide includes the latest information, a strong evidence base, and a supporting rationale for each step of each procedure. Advanced Practice Skills are included throughout the text and are marked with a special AP icon indicating that these procedures should only be performed by qualified personnel. Evidence-based practice and research-based data are used to support the recommendations for each procedure. Each procedure follows a consistent, step-by-step format with rationales. Developmental differences are highlighted in special Procedure tables. This valuable, everyday resource is sponsored by the American Association of Critical-Care Nurses. Each procedure is covered in a consistent structure: Purpose Prerequisite

knowledge Child and family assessment Child and family education Equipment Procedure (with steps, rationale, and considerations) Expected and unexpected outcomes Monitoring and care of the child (with activities and interventions, rationale, and reportable conditions) Documentation

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

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.

## **Pediatric Critical Care Nutrition**

The Manual of Pediatric Intensive Care distills the salient information required to provide state-of-the-art care for the acutely ill and injured child into a concise, readily useful guide. Providing timely and appropriate care is a daunting challenge for frontline caregivers, early response and transport teams, and pediatric and critical care trainees. This manual delivers the basic information and practical advice needed by those who provide urgently needed care to children in a format that occupies the middle ground between the voluminous, highly detailed textbook and the "to do" lists that provide no physiological background for the approach presented. An introduction for beginners and a valuable aid for those already engaged in the care of acutely ill children, the Manual of Pediatric Intensive Care comprises contributions from specialists from around the world, including doctors, nurses, pharmacists, and respiratory therapists. Key Features Stresses the importance of team dynamics, ethical decision-making, and family involvement in care; Concise, clearly organized delivery of basic and essential information needed on the spot by ICU care providers; Special chapters on septic shock, toxicology, and oncology.

## **Pediatric Critical Care Study Guide**

"This manual developed as a condensed revision of the second edition of Nursing care of the critically ill child"--Preface.

## **Mosby's Comprehensive Pediatric Emergency Care**

Rev. ed. of: Practice guidelines for pediatric nurse practitioners / [edited by] Beth Richardson.

## **Manual of Pediatric Intensive Care**

Elaborates pre- and postoperative guidelines in the intensive care of pediatric cardiac surgery patients. An indispensable book for the cardiothoracic, pediatric and intensive care residents involved in the acute management of children with heart disease. Addresses the need of a reference manual for general surgery and medicine residents while on rotation in the cardiac care unit. Comprehensive chapters provide simple solutions and explanations to clinical problems rather than offering detailed physiological explanations. Drugs and doses have been given in tables for easy reference at the point of care. A practical book that can be read at leisure and referred to at the bedside.

## **Pediatric Critical Care in Resource-Limited Settings**

Neonatal Respiratory Handbook is an excellent handbook which will illustrate the more common types of procedures that a respiratory therapist, new graduate or an experienced therapist would be expected to perform in the day-to-day operations of a highly specialized unit for children. This book is especially appropriate for respiratory students enrolled in a Neonatal/Pediatric class, particularly during their Neonatal and Pediatric rotation; Respiratory Educators and Residents, within a pulmonary medicine residency; and Respiratory graduates, orienting or completing their orientation in the Neonatal Intensive Care Unit (NICU) or Pediatric Intensive Care Unit (PICU). Important Notice: The digital edition of this book is missing some of the images or content found in the physical edition.

## **Fast Facts for Pediatric Primary Care**

AACN Core Curriculum for Pediatric High Acuity, Progressive, and Critical Care, Third Edition, provides content required to deliver the best care for critically ill or injured children. As acuity increases in all inpatient departments and the practice of pediatric critical care expands beyond the acute phase of illness or injury, knowledge of pediatric critical care is more essential than ever. Pediatric acute and critical care nurses find themselves handling not only their patients, but care of their families and management of an interprofessional team of caregivers. With emphasis on evidence-based care and professionalism, this essential resource captures the professional role of the pediatric critical care nurse and the nurse's contributions to the process of continuous quality improvement. Ideal for pediatric critical care and acute care nurses, high acuity/critical care courses, and continuing education, AACN Core Curriculum for Pediatric High Acuity, Progressive, and Critical Care, Third Edition, contains core AACN guidelines for the highest quality nursing practice. The text covers anatomic, physiologic, cognitive, and psychosocial changes that occur throughout the pediatric lifespan. Chapters are

systems focused and review developmental anatomy and physiology, clinical assessment, pharmacology, diagnostic tests, and therapeutic procedures. For each type of disease and injury, information is provided on pathophysiology, etiology, risk factors, signs and symptoms, nursing and collaborative interprofessional management, and complications. New to the Third Edition: Updated to include current patient management and the latest pediatric drug information Contains a completely new chapter on professional nursing issues, including quality, safety, communications, teamwork, work environment, and personal wellness Provides revised case studies and review questions/answers reflecting the latest version of the CCRN® Pediatric exam Key Features: Delivers comprehensive, current information for nursing students and those preparing for the CCRN® Pediatric exam Content is based on the most current standards of care, scope of practice, national guidelines, key AACN initiatives, and the AACN Certification Corporation Pediatric CCRN® Test Plan Presented in easy-to-read outline format for quick access to information Written and endorsed by AACN and AACN-affiliated subject matter experts Provides case studies to illustrate patient scenarios Discusses the application of AACN's Synergy Model for Patient Care in pediatric high acuity and critical care nursing practice Includes in-depth coverage of multisystem problems such as multiple trauma, toxicology, septic shock, and burns

## **Pediatric Acute Respiratory Distress Syndrome**

Trusted by generations of residents and practitioners, The Harriet Lane Handbook remains your first choice for fast, accurate information on pediatric diagnosis and treatment. The first medical reference book written "by residents, for residents" and reviewed by expert faculty at The Johns Hopkins Hospital, it continues to provide the gold standard in point-of-care clinical information for any health care professional treating pediatric patients. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Take advantage of the most dependable drug information available with thoroughly updated, one-of-a-kind Pediatric Formulary providing the standard of pediatric care from the leading pediatric hospital in the world. Trust thoroughly updated content that includes parameters for pediatric and neonatal septic shock; guidelines for acute management of severe traumatic brain injury; a convenient table detailing common genetic tests; a significantly extended collection of radiologic images; expanded mental health coverage; plus much more. Access information easily and quickly with reformatted sections designed make the book easier to use via mobile device.

## **AACN Core Curriculum for Pediatric High Acuity, Progressive, and Critical Care Nursing, Third Edition**

The second edition of Pediatric Critical Care Medicine spans three volumes, with major sections dedicated to specific organ systems. Each major section consists of separate chapters dedicated to reviewing the specific disease processes affecting

each organ system. Each chapter concludes with a comprehensive list of references, with brief, concise remarks denoting references of 'special interest' and 'of interest'. Consequently, the books are unique in their comprehensive coverage of pediatric critical care and their ease of use and will be of value to those studying towards pediatric critical care examinations and those who are already qualified.

## **A Guide to Pediatric Anesthesia**

This book covers all key aspects of critical care in pediatric nephrology, including acute dialysis in sick children. It also provides detailed protocols for managing fluid and electrolyte balance and dialysis in children in intensive care. In addition, this quick guide discusses innovations in pediatric renal replacement therapy technologies, such as plasma exchange, CARPEDIEM, NIDUS and aquadex. This is a go-to book for intensivists, physicians and trainees working in pediatric intensive care units.

## **Pediatric Cardiology for Practitioners**

This is the first comprehensive study guide covering all aspects of pediatric critical care medicine. It fills a void that exists in learning resources currently available to pediatric critical care practitioners. The major textbooks are excellent references, but do not allow concise reading on specific topics and are not intended to act as both text and study guide. There are also several handbooks available, but these are usually written for general pediatric residents and lack the advanced physiology and pathophysiology required for the higher level pediatric critical care practitioner

## **Lippincott Certification Review: Pediatric Acute Care Nurse Practitioner**

Safe and effective management is a top priority for every physical therapy student or clinician involved with patients in the acute care setting. *Physical Therapy in Acute Care: A Clinician's Guide* is a user-friendly, pocket-sized, evidence-based text that guides and reinforces successful acute care patient management. *Physical Therapy in Acute Care* provides clinicians with an understanding of the basic physiological mechanisms underlying normal function of all major organ systems, contrasted with the pathophysiology of the disease and disorders that physical therapists will most often encounter in an acute care environment. Inside the pages of *Physical Therapy in Acute Care*, Daniel Malone and Kathy Lee Bishop-Lindsay provide a comprehensive review of acute physical therapy best practice. This text builds upon fundamental knowledge by addressing important components of patient examination, discussing relevant medical tests, and listing diseases and diagnoses alphabetically with brief medical management. Some Chapter Topics Include: ? Cardiovascular, pulmonary, musculoskeletal, gastrointestinal, genitourinary, and neurological diseases and disorders ? The immune system and

infectious disease ? Oncology rehabilitation ? Wound care ? Transplantation Each chapter highlights important physical therapy concerns, examination findings, and rehabilitation interventions. In addition, Physical Therapy in Acute Care includes numerous tables, figures, review questions, and case studies that highlight the physical therapy patient care model as outlined in the Guide to Physical Therapist Practice. Exciting Features: ? An in-depth description of laboratory tests and procedures incorporating the physiologic significance of abnormal findings ? Pharmacologic information for each organ system chapter including side effects of common medical interventions ? A chapter on deconditioning and bed rest effects in the acute care environment ? A discharge recommendation decision tree Whether you are a student of physical therapy, a physical therapist entering the acute care environment, or an experienced acute care physical therapist, Physical Therapy in Acute Care is the only resource for successful patient management you will need by your side.

## **Physical Therapy in Acute Care**

Pediatric Nurse Practitioner Certification Study Question Book, Third Edition is the ideal review guide for Pediatric Nurse Practitioners and Family Nurse Practitioners preparing to take certification exams and as a reference in the practice setting. The content of the Study Question Book is divided into systems with an in-depth coverage of growth and development and health promotion and maintenance. Following each chapter are test questions, including answers and bibliographic reference. Focused on enhancing your test-taking skills while also integrating the principles of test taking, this study guide provides a comprehensive and total approach to success in the examination process. The Perfect Study Guide for the ANCC Exam! Intended to work either as a stand alone or in conjunction with the Pediatric Nurse Practitioner Certification Review Guide.

## **Manual of Emergency and Critical Care Ultrasound**

Understand the unique nutritional needs of infants and children in the pediatric critical care unit Written with the goal of shortening recovery time and improving overall clinical outcomes, Pediatric Critical Care Nutrition is the first text to offer comprehensive, in-depth coverage of the nutritional needs of infants and children in the pediatric care unit. This practical text imparts basic concepts, critically appraises the literature, and provides a complete review of the key principles of pediatric critical care nutrition. Combining clinical strategies with a compilation of available evidence, Pediatric Critical Care Nutrition, covers essential topics such as: Metabolic alterations and nutrients in the critically ill child Delivery of nutrition support to the critically ill child Disease-related nutrition considerations including burns and wound healing, solid-organ transplantation, renal and pulmonary failure, gastrointestinal issues, cancer, obesity, and more Practical aspects of the delivery of nutrition support Optimum nutrition therapy is essential during the entire continuum of critical illness until recovery, and requires the multidisciplinary awareness, knowledge, and effort taught in this groundbreaking text.

## **Pediatric Acute Care E-Book**

The needs of critically ill children are unique and highly specialized. Paediatric Intensive Care Nursing is an essential manual of care and an invaluable resource to all those involved in the care of critically ill children and young people. Covering all the key aspects of pediatric intensive care, it is a fully comprehensive textbook which provides an evidence-based and up-to-date guide for all nurses who work with critically ill children. Paediatric Intensive Care Nursing is divided into four user-friendly sections: The first section looks at the general background of paediatric intensive care Section two employs a systems approach, with each chapter focusing on a specific disease and following the same framework. This includes treating children with cardiac conditions, acute neurological dysfunction, musculoskeletal injuries and gastrointestinal and endocrine conditions Section three looks at the essential care of managing pain relief, transportation needs and treating wounds The final section explores the holistic aspects of nursing - nutrition and fluid management, infection control issues, safeguarding children and spirituality and bereavement Written by a team of experts in the field, Paediatric Intensive Care Nursing is indispensable reading for nurses and health care professionals working with critically ill children.

## **Pediatric Acute Care**

Cases in Pediatric Acute Care presents over 100 real-world pediatric acute care cases, each including a brief patient history, a detailed history of present illness, presenting signs and symptoms, vital signs, and physical examination findings. Ideal for developing a systematic approach to diagnosis, evaluation, and treatment, this resource provides students and advanced practitioners with the tools required to deliver comprehensive care to acute, chronic and critically ill children. The cases encompass a wide range of body systems, medical scenarios, professional issues and general pediatric concerns, and feature laboratory data, radiographic images and information on case study progression and resolution. Develops the essential skills necessary to provide the best possible pediatric acute care Discusses the most appropriate differential diagnoses, diagnostic evaluation, and management plans for each case Presents cases related to pulmonary, cardiac, neurologic, endocrine, metabolic, musculoskeletal, and other body systems Highlights key points in each case to quickly identify critical information Cases in Pediatric Acute Care is an excellent resource for advanced practice provider students and pediatric healthcare providers managing acutely ill children.

## **Rogers' Textbook of Pediatric Intensive Care**

For nearly 40 years, Oh's Intensive Care Manual has been the quick reference of choice for ICU physicians at all levels of experience. The revised 8th edition maintains this tradition of excellence, providing fast access to practical information needed every day in today's intensive care unit. This bestselling manual covers all aspects of intensive care in sufficient

detail for daily practice while keeping you up to date with the latest innovations in the field. Short, to-the-point chapters distill the essential information you need to know for safe, effective care of patients in the ICU. Each topic includes theoretical knowledge, practical methods of treating the condition described, a review of the available evidence, and common pitfalls in treatment and management. Ideal for daily quick reference as well as an efficient review for professional examinations in critical care medicine.

### **Manual of Pediatric Intensive Care - E-Book**

The Only Comprehensive Pediatric Emergency Care Book You'll Ever Need Mosby's Comprehensive Pediatric Emergency Care. Popular Author Barbara Aehlert Brings You In-Depth Coverage Of Every Area Of Pediatric Emergency Care Including Pediatric Advanced Life Support In This One-Of-A-Kind Text.

### **Pediatric 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.

### **Pediatric Nurse Practitioner Certification Study Question Book**

An innovative new survival guide for the pediatric intensive care unit (PICU) The PICU Handbook is a unique, pocket-sized compilation of the data necessary for residents and fellows to navigate the modern Level 1 and Level 2 pediatric intensive care unit. Enhanced by numerous tables, formulas, algorithms, guidelines, checklists, rapid-sequence medication formularies, troubleshooting guides, and clinical pearls, this is a true must read for all junior clinicians and pediatric critical care nurses. Readers will find wide-ranging coverage of every critical issue they will encounter in the PICU, including airway clearance, respiratory mechanics and respiratory failure, endotracheal intubation, shock, brain death evaluation, and much

more. The PICU Handbook is edited by the Associate Medical Director of Children's Memorial Hospital/Ann & Robert H. Lurie Children's Hospital of Chicago, and features contributions from current and former pediatric residents and pediatric critical care fellows.

## **Pediatric Critical Care Medicine, An Issue of Pediatric Clinics of North America, E-Book**

Review Guides/Certification Prep/Pocket Guides

## **Pediatric Nurse Practitioner Certification Review Guide**

Provide optimal anesthetic care to your young patients with *A Practice of Anesthesia in Infants and Children, 5th Edition*, by Drs. Charles J. Cote, Jerrold Lerman, and Brian J. Anderson. 110 experts representing 10 different countries on 6 continents bring you complete coverage of the safe, effective administration of general and regional anesthesia to infants and children - covering standard techniques as well as the very latest advances. Find authoritative answers on everything from preoperative evaluation through neonatal emergencies to the PACU. Get a free laminated pocket reference guide inside the book! Quickly review underlying scientific concepts and benefit from expert information on preoperative assessment and anesthesia management, postoperative care, emergencies, and special procedures. Stay on the cutting edge of management of emergence agitation, sleep-disordered breathing and postoperative vomiting; the use of new devices such as cuffed endotracheal tubes and new airway devices; and much more. Familiarize yourself with the full range of available new drugs, including those used for premedication and emergence from anesthesia. Benefit from numerous new figures and tables that facilitate easier retention of the material; new insights from neonatologists and neonatal pharmacologists; quick summaries of each chapter; and more than 1,000 illustrations that clarify key concepts. Access the entire text online, fully searchable, at [www.expertconsult.com](http://www.expertconsult.com), plus an extensive video library covering simulation, pediatric airway management, burn injuries, ultra-sound guided regional anesthesia, and much more; and new online-only sections, tables and figures.

## **Pediatric Acute Care**

Park's Pediatric Cardiology for Practitioners is the essential medical reference book for the ever-changing field of pediatric cardiology. Comprehensive in its content, it provides the practical guidance you need to diagnose and manage children with congenital and acquired heart disease. From history and physical examination through preventative treatment and the management of special problems, the fully revised 6th edition incorporates all of the latest concepts in cardiology, distilled in a way that is understandable to pediatricians, family practitioners, NPs, and PAs alike. "[...]a concise reference book

[]Students and clinician practicing Pediatric cardiology will continue to find Park's Pediatric Cardiology book to be easy to read and refer for the precise information readily." Reviewed by: BACCH Newsletter Date: March 2015 Apply the latest knowledge and methods with coverage of surgical techniques in pediatric cardiology, the application of interventional non-surgical techniques, blood pressure standards, and cardiac arrhythmia treatments. Easily grasp the latest techniques with helpful line drawings throughout. Select the best approaches for your patients with extensive coverage of special problems, including congestive heart failure and syncope. Take advantage of the most recent diagnostic and therapeutic advances in pediatric cardiology. Every topic and chapter has been revised and updated to reflect the latest medical and surgical treatments for all congenital and acquired heart diseases. New surgical approaches, including hybrid procedures, have been updated. A special focus has been placed on noninvasive imaging techniques, normative blood pressure standards, suggested approaches to pediatric hypertension, detection and management of lipid abnormalities as recommended by the Expert Panel, pediatric arrhythmias (including long QT syndrome), and much more. Access the full text online at Expert Consult.

## **The PICU Handbook**

Pediatric Acute Care: A Guide for Interprofessional Practice is an ideal reference for practice and a resource for training health care professionals who care for pediatric patients in emergency, transport, inpatient, or critical care settings. With contributions from more than 200 practicing clinicians and experts from the US and Canada, it represents a wide-variety of disciplines including medicine, nursing, pharmacy, child life, nutrition, law, oriental medicine, education, public health, and psychology. Important Notice: The digital edition of this book is missing some of the images or content found in the physical edition.

## **Critical Care Pediatric Nephrology and Dialysis: A Practical Handbook**

This book is a clinical guide in the practice of pediatric critical care and can serve as a roadmap for an introductory journey through this broad and challenging subspecialty. Key topics intrinsic to the practice of pediatric critical care are addressed from an organ-system and disease-specific perspective, and tailored to the needs of new learners. Comprehensive, practical and up-to-date information is provided in a user-friendly format that facilitates both learning and care implications. Each topic is analyzed and discussed in a custom-built section to provide both an overview and the necessary detail to help the reader participate in and contribute to patient care. Definitions, etiologies, physical findings, laboratory and radiologic data, differential diagnoses, management, suggested consultations and prognosis are condensed using easy-to-find boxes, bulleted lists, decision trees, tables and illustrations.

## **Neonatal Respiratory Care Handbook**

Using a multidisciplinary, team-oriented approach, this unique title expertly covers all the latest approaches to the assessment, diagnosis, and treatment of patients with critical cardiac illness. Led by Dr David L. Brown, a stellar team of authoritative writers guides you through cardiac pathophysiology, disease states presenting in the CICU, and state-of-the-art advanced diagnosis and therapeutic techniques. A visually appealing format, new chapters, and thorough updates ensure that you stay on the cutting edge of this rapidly advancing field. Discusses recent changes in cardiac intensive care, including new care paradigms, new mechanical support modalities, and new therapies and interventions. Contains 11 new chapters: Palliative Care, Temporary Pacemaker Insertion, Pericardiocentesis, Distributive Shock, Electrical Storm, Cardiopulmonary Cerebral Resuscitation after Cardiac Arrest, Temporary Mechanical Circulatory Support Devices, Cardiorenal Syndrome, Fulminant Myocarditis, Stress-Induced Cardiomyopathy, Diagnosis and Treatment of Unstable Supraventricular Tachycardia. Concisely yet thoroughly covers acute and severe heart failure, chronic pulmonary hypertension, life-threatening dysrhythmias, aortic dissection, and other cardiac conditions as they relate to intensive care. Explains drug therapy for key cardiac drugs, such as inotropes, vasodilators, anti-arrhythmics, diuretics, anticoagulants, and anti-platelets, and discusses important drug interactions. Ideal for all healthcare professionals involved in cardiac intensive care, including intensivists, cardiologists, cardiac surgeons, residents, fellows, cardiac nurses, respiratory therapists, physical therapists, and nutritionists.

## **Cardiac Intensive Care - E-Book**

This volume provides a comprehensive overview of critical care of the pediatric immunocompromised hematology-oncology patient. The text focuses on unique aspects of the pediatric immunocompromised patient that predisposes the child to significant illness, and presents critical care management strategies specific to the patient population. In addition to chapters on oncology, primary immune deficiency, immunocompromised hematology, and hematopoietic cell transplant patients, the book covers the changing landscape of ICU care, pharmacologic considerations, and psychological and social aspects of the critical care of hematology-oncology patients. Written by experts from a range of disciplines, *Critical Care of the Pediatric Immunocompromised Hematology/Oncology Patient: An Evidence-Based Guide* is a valuable resource for clinicians and practitioners who treat this patient population.

## **Critical Care of the Pediatric Immunocompromised Hematology/Oncology Patient**

This book provides a concise yet comprehensive overview of pediatric acute respiratory distress syndrome (PARDS). The text reviews the emerging science behind the new PARDS definition; explores epidemiology, pathobiology, etiologies, and

risk factors; reviews state-of-the-art treatment modalities and strategies; and discusses clinical outcomes. Written by experts in the field, Pediatric Acute Respiratory Distress Syndrome: A Clinical Guide is a valuable resource for clinicians and practitioners who specialize in pediatric critical care.

## **Pediatric Emergency Medicine**

Uniquely written from the perspectives of a Nurse Practitioner and a Physician Assistant This quick-access reference guide encompasses all key diagnostic and management essentials needed for safe and effective pediatric practice. By incorporating the most current literature and evidence-based practice, this guide explains how to best assess, diagnose, and treat common pediatric disorders in an ambulatory care setting. This practical, pocket-sized resource is presented in concise paragraphs, providing access to key information at a glance. Chapters consistently include focused assessment and diagnosis of the most common clinical problems and treatment options. Key points, important developmental milestones, and illness prevention and management sections provide practitioners with important content to educate patients and families easily and thoroughly. Abundant tables and charts help to facilitate quick reference to key components of practice. Links to frequently updated clinical guidelines and important web resources ensure that practitioners can maintain access to the most current knowledge available. Key Features: Provides speedy access to crucial information with concise paragraphs, chapter objectives, key points, and tables Conveniently organized by most commonly seen diseases and disorders Provides links to frequently updated clinical guidelines and web resources Purchase includes digital access for use on most mobile devices or computers

## **Pediatric Critical Care Medicine**

Stay up-to-date on the latest evidence and clinical practice in pediatric acute care with the definitive textbook in the field. Now in its second edition, Pediatric Acute Care: A Guide for Interprofessional Practice takes an evidence-based, interprofessional approach to pediatric acute care as it exemplifies the depth and diversity that's needed for the dynamic healthcare environments in which acutely ill children receive care. Coverage includes how to work with the pediatric patient and family, major acute care disorders and their management, emergency preparedness, common acute care procedures, and much more. With contributions from more than 200 practicing clinicians and academic experts, it represents a wide variety of disciplines including medicine, nursing, pharmacy, child life, nutrition, law, integrative medicine, education, public health, and psychology, among others. The second edition also features the addition of new physician and nurse practitioner co-editors as well as extensive content updates including updated evidence-based content throughout the text, the integration of the 2016 IPEC Core Competencies for Interprofessional Collaborative Practice, a new full-color design, and new vivid illustrations throughout. UNIQUE! Interprofessional collaborative approach includes contributions from more than

200 practicing clinicians and academic experts from the U.S. and Canada, including nursing, medicine, pharmacy, child life, nutrition, law, integrative medicine, education, public health, and psychology. Consistent organization within disorder chapters begins with a section on Physiology and continues with sections on Pathophysiology, Epidemiology and Etiology, Presentation, Differential Diagnosis, Diagnostic Studies, and a Plan of Care that include Therapeutic Management, Consultation, Patient and Family Education and Disposition and Discharge Planning. Comprehensive content spanning five units divides coverage into introductory information, the approach to the pediatric patient and family, major acute care disorders and their management, emergency preparedness, and common acute care procedures. NEW! Updated evidence-based content has been added throughout to ensure that you're up-to-date on all topics needed to provide care for pediatric patients in acute, inpatient, emergency, transport, and critical care settings. NEW! Full-color design and illustrations enhance learning and make content easier to navigate and digest. NEW! Integration of the 2016 IPEC Core Competencies ensure that you're learning the professional skills and protocols required for effective, contemporary interprofessional collaborative practice. UPDATED! Streamlined procedures unit focuses more sharply on need-to-know content.

### **Pediatric Critical Care**

The second edition of the successful book "Your Guide to Pediatric Anesthesia" offers a practical approach to pediatric anesthesia with a concise account of the topic in a reader-friendly format. The book begins with an overview of pediatric anesthesia then continues with chapters related to different pediatric surgeries and the relevant anesthetic issues, including a chapter of emergency scenarios in pediatric anesthesia. The final section has chapters containing past exam questions in pediatric anesthesia, a set of clinical scenarios written in an exam question and answer format, and a glossary of syndromes and conditions with brief, important information and practical recommendations. The book also includes an accurate and comprehensive index which helps readers guide themselves through the book. Written in a consistent, exam-focused, non-academic writing style, chapters provide a clear explanation of each topic with a review of management options, discussing advantages and disadvantages, and concluding with a suggested practical approach in each case. It contains the syllabus for the College exams, but is also full of practical techniques and discussion for trainees during their pediatric rotation. It is relevant and useful for anesthesiologists who have completed their exams and are now caring for children in their practice. A Guide to Pediatric Anesthesia covers the important topics at a level suitable for trainees, occasional pediatric anesthesiologists and anesthetic assistants.

### **Manual of Pediatric Critical Care**

Ultrasound has revolutionized a physician's ability to make urgent and emergent diagnoses at the bedside, and has

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

## **The PICU Book**

This comprehensive textbook serves both as a reference for the practicing acute care pediatric nurse practitioners and as a resource for the acute care pediatric nurse practitioner in training. Further, it provides guidelines for the management of a pediatric patient in the emergent care and inpatient settings. Ideally targeted at either the master's or doctorate level, it functions as a primary textbook in the nursing practice pediatric nurse practitioner acute care curriculum. Also included are formatted Standardized Procedures/Practice Protocols for the acute care practice setting that can

## **Paediatric Intensive Care Nursing**

Millions of children are dying each year with preventable and reversible critical illness, including circulatory shock and respiratory failure. According to the World Health Organization, in 2015, the under-five mortality rate in low-income countries was 76 deaths per 1000 live births – about 11 times the average rate in high-income countries (7 deaths per 1000 live births). There is limited data about the nature of the delivery of critical care in resource-limited regions. The care of critically ill children in low-resource settings is challenging, contributing factors include limitations in the existing infrastructure, lack of resources, and low numbers of appropriately trained healthcare workers. Meeting these challenges requires clinical evidence pertinent to the local settings, adequate number of well-trained personnel, quality improvement activities, and the ongoing development of preventative measures. In addition, approaches to prevent worsening critical illness in at-risk hospitalized patients are needed. We are presenting 15 state-of-the art manuscripts from international experts, from all settings, involved in the care of critically ill children in resource-limited settings. This collection of manuscripts covers topics including education, research, clinical experience and infectious diseases. We hope that we are providing a window into the future of critical care delivery for all children around the world.

## **The Harriet Lane Handbook E-Book**

This authoritative reference equips you with the essential knowledge to provide comprehensive and effective care to children in an emergency setting. From age-specific diagnoses and chief complaints through developmental considerations and psychosocial issues, this text guides you through the full range of medical and surgical conditions commonly encountered when treating pediatric emergencies. The use of full color throughout, diagnostic algorithms, text boxes, charts, clinical pearls and pitfalls, and other visual features ensure the book will make crucial clinical information easy to find and apply. Tap into expert guidance on all aspects of pediatric emergency medicine, from the physical exam and usual and unusual presentations through to disposition criteria and transfer issues. Access step-by-step guidance on administering critical life support interventions and providing effective diagnostic and therapeutic ambulatory care. Quickly review specific treatment protocols for various emergency settings, including general emergency departments, community hospitals, tertiary care centers, EMS and transport, and triage. Find information fast with or without a known diagnosis, with content organized both by chief complaints and by specific diagnoses. Better understand how problems present differently in infants, children, and adolescents with age-specific diagnoses. Identify and manage the psychosocial issues surrounding pediatric patients, including major depression and suicidality, sexual and physical abuse, child neglect, and violence. Easily absorb key information with the aid of text boxes, algorithms, clinical pearls, and pitfalls. Retrieve information easily with a consistent templated format.

## **A Practice of Anesthesia for Infants and Children**

Lippincott Certification Review: Pediatric Acute Care Nurse Practitioner is the ideal companion while preparing for the Acute Care CPNP® exam administered by the Pediatric Nursing Certification Review Board, or for anyone who seeks to perform at a higher level of practice for children who are acutely, chronically, and critically ill. Organized in a simple, bulleted format, this invaluable resource includes multiple choice self-assessment questions with rationales at the end of every chapter, plus two self-assessment exams with rationales – totaling more than 750 questions. Content focuses on the diagnosis and management of pediatric acute care problems typically treated in the emergency department or an inpatient setting.

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