Heavy metals and metalloids, singly or in combination, induce toxic manifestations either through acute or chronic pathology. In particular, long-term chronic exposure to diverse heavy metals and metalloids to humans and animals can lead to numerous physical, muscular, neurological, nephrological, and diverse degenerative diseases and dysfunctions, including multiple sclerosis, muscular dystrophy, Parkinson’s and Alzheimer’s diseases, cardiovascular disorders, and several others. Recognized heavy metals such as lead, mercury, arsenic, cadmium, thallium, and hexavalent chromium are known for enormous toxicity. The immediate vital signs of acute heavy metal exposure include nausea, vomiting, diarrhea, and acute abdominal pain. Mercury has been identified as the most toxic heavy metal, and mercury poisoning is known as acrodynia or pink disease. Similarly, lead, another toxic heavy metal, was at one time an integral part of painting. Metal Toxicology Handbook further explains and discusses the varying attributes of metals, discussing toxicity, safety, and proper human utilization of metals. Beginning with a broad overview of metals, metalloids, redox biology, and neurodegeneration and going further into the roles, benefits, and toxicity of metals with each section, the text contains 28 chapters from eminent researchers and scientists in their respective fields and is a must-have for anyone researching the potential toxicity in metals. Key Features Discusses the pathology of metal toxicity Highlights the benefits of metals Explains the mechanism and salient features of restoring metabolic homeostasis Highlights dose-dependent beneficial and adverse effects of vanadium safety and toxicity The initial introductory section provides a broad overview of metals, metalloids, redox biology, and neurodegeneration. The second section discusses the pathology of metal toxicity in two chapters, while the third section highlights the mechanism and salient features of restoring metabolic homeostasis in two chapters. The fourth section demonstrates the aspect of radionuclides toxicity. In a change of pace, the fifth section discusses the benefits of metals in four chapters. The sixth section, titled "Toxic Manifestations by Diverse Heavy Metals and Metalloids," provides fourteen chapters that discuss the toxicological mechanism and manifestation of individual metals. The editors have crafted a commentary titled "A Treatise on Metal Toxicity" and summarized a vivid scenario of metal toxicity and its consequences.
diagonals), plus commonly used tables, equations, and charts. Find the specific information you need quickly and easily with the aid of a consistent, bulleted outline format and alphabetical listings of diseases, topics, differential diagnoses, and algorithms. Deliver the best outcomes by incorporating clinical pearls from experts in the field into your practice. Reference the complete contents online anytime, fully searchable. Consult either the user-friendly text or the fully searchable web site to provide high-quality pediatric patient care - efficiently and effectively.

**Essentials of Pediatric Intensive Care**

Evidence-based and age-specific, this book guides the clinician through the diagnosis and management of the poisoned pediatric patient. Features high yield facts at the start of each chapter, case presentations throughout, a 200+ question self-assessment section, antidote dosage tables, color plates, and coverage of herbal products, vitamins, cosmetics, spider bites, and snake bites.

**Drug Toxicity and Metabolism in Pediatrics**

Evidence-based and age-specific, this book guides the clinician through the diagnosis and management of the poisoned pediatric patient. Features high yield facts at the start of each chapter, case presentations throughout, a 200+ question self-assessment section, antidote dosage tables, color plates, and coverage of herbal products, vitamins, cosmetics, spider bites, and snake bites.

**Textbook of Pediatric Emergency Medicine**

The aim of this text is to examine the physiological development of the fetus. It allows the reader to study the unique pharmacokinetic and metabolic features of newborns and gives specific examples of drug metabolism in the newborn. The purpose of this book is to enhance the current knowledge of pharmacology of the newborn by observing the embryo and placenta in normal and abnormal development, placental transfer of drugs, metabolic pathways, and metabolism of specific drugs such as theophylline, benzodiazepines, and antibiotics. This is a useful book for those involved in pediatric research, pharmacology, toxicology, experimental therapeutics and biology.

**National Library of Medicine Current Catalog**

The essential text for all who prescribe or monitor the effects of drug therapy on the fetus, neonate, infant, child, or adolescent. The fourth edition has been extensively updated and includes two new chapters on pediatric pharmacogenetics and pediatric chemotherapy. Numerous tables, figures, and graphs foster quick consultation, and the book’s appendices contain Abbreviations and symbols, and Normal Pediatric Laboratory Values.

**Comprehensive Pediatric Nephrology E-Book**

Extensively updated this second edition again brings together a multinational group of distinguished contributors to address every aspect of psychiatric care in the medically ill. This book captures the diversity of the field, whose practitioners -- scholars, physicians, and clinicians of varied backgrounds -- represent a multiplicity of perspectives.

**True Nutrition**

Much of what you’ve learned about life, health, and nutrition has been taught to you by example. Although well intentioned, your mother probably didn’t teach you all you really needed to know about healthful meal preparation, maintaining a proper body weight, or raising healthy children in a safe, toxin-free environment. She simply didn’t know better. If you struggle to achieve your personal potential and live as healthfully as possible, you can change your lifestyle! In True Nutrition, you’ll learn the European secrets that can help you become healthier, thinner, and more energetic. Better still, you’ll avoid your mother’s mistakes and teach your own children better habits for a longer, healthier life. In a series of easy steps developed by a European naturopathic doctor specialized in nutrition and a busy woman just like you, True Nutrition will help you take charge of your life, empowering you to stop the cycle of unhealthy behaviors and achieve a happier, healthier you.

**Core Curriculum for Pediatric Emergency Nursing**

Netter’s Pediatrics, edited by Drs. Todd Florin and Stephen Ludwig, is a rich visual aid with more than 500 images by Dr. Frank Netter and other artists working in his style that will help you diagnose and care for children with common clinical conditions. This is the first time that Netter's drawings of pediatric illness are brought together in a single volume. The superb, accurate artwork accompanies up-to-date text contributed by physicians at the prestigious Children’s Hospital of Philadelphia. The book provides you with all the at-a-glance information you need for a quick overview of common issues from nutrition, allergy, infectious disease, and adolescent medicine,
to cancer and heart disease. This user-friendly, clinical reference is also a great tool for patient and staff education. Efficiently review key details for each condition with 500 detailed, crystal-clear images provided by Frank H. Netter and others working in the Netter tradition. A pply dependable, concise, clinical advice from a team of physicians at Children’s Hospital of Philadelphia, one of the top children’s hospitals in the U.S. Get answers at a glance during pediatric rotations when studying for exams or preparing for consultations.

Current Pediatric Diagnosis & Treatment

Over 400 years ago, Swiss alchemist and physician Paracelsus (1493-1541) cited: “All substances are poisons; there is none that is not a poison. The right dose differentiates a poison from a remedy.” This is often condensed to: “The dose makes the poison.” So, why are we overtly anxious about intoxications? In fact, poisons became a global problem with the industrial revolution. Pesticides, asbestos, occupational chemicals, air pollution, and heavy metal toxicity maintain high priority worldwide, especially in developing countries. Children between 0 and 5 years old are the most vulnerable to both acute and chronic poisonings, while older adults suffer from the chronic effects of chemicals. This book aims to raise awareness about the challenges of poisons, to help clinicians understand current issues in toxicology.

Pediatric Respiratory Medicine

Pediatric Critical Care E-Book

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

Emergency Medicine Review E-Book

“Building on the previous edition with contributions from internationally renowned experts this book provides a fully comprehensive resource for managing the post emergency/treatment stage of acute poisoning. Chapters incorporate evidence-based paradigms with up-to-date citations from the original medical literature. Topic areas covered include: diagnosis and management of the critically poisoned patient, including pediatric patients and poisoning in pregnancy; toxic syndromes including hepatoxic and pulmonary syndromes as well as poisonings from medications, drugs of abuse, chemical and biological agents. This book is an essential resource for Clinical Toxicologists, Intensivists and Emergency Medicine specialists in training and in practice.” - Prové de l’editor.

Pediatric Clinical Advisor E-Book

The present book investigates various dimensions of environmental protection and degradation. It contain original and review research articles from science as well as literature fields. Broadly speaking it covers the areas like environmental degradation, issues of pollution, geo-environmental predicament, Eco criticism and environmental consciousness in English literature. The main purpose of the book is to investigate present predicament of environmental degradation and to discuss the possible solutions in a scientific way for the protection of environment. At present the books available on the topic of environmental protection does not cover all the
Bookmark File PDF Pediatric Toxicology

Diagnosis And Management Of

dimensions and most of them are particular path oriented like resources on biodiversity, pollution, etc. the present book fulfills this lacuna and explores environment from various perspectives in a scientific way. The book also discusses reflection of environmental consciousness in literature. Since environmental degradation and protection is a multi-layered phenomenon, this book will be helpful to the teachers, students and researchers who wish to understand various dimensions of the environmental issues with possible scientific solutions.

Problems in Pediatric Drug Therapy

Emergency Medicine Review: Preparing for the Boards, by Richard Harrigan, Matthew Tripp, and Jacob Ufberg, uniquely combines a comprehensive, bulleted review of all required subjects with a thorough practice exam of board-style questions, giving you all the tools you need to be prepared and confident during the American Board of Emergency Medicine's qualifying exam and beyond! A comprehensive, bulleted review section allows you to efficiently brush up on every area tested on the exam. Over 200 illustrations challenge you to correctly identify images, read ECGs, and interpret other visual elements crucial to successful completion of the exam. Answers and detailed explanations for every question enable you to fill any gaps in your knowledge. Content based on The Model of the Clinical Practice of Emergency Medicine, from which the boards and ConCert exams are also derived, lets you focus on the most essential information in the field.

Pathophysiology

The essential reference for human development theory, updated and reconceptualized The Handbook of Child Psychology and Developmental Science, a four-volume reference, is the field-defining work to which all others are compared. First published in 1946, and now in its Seventh Edition, the Handbook has long been considered the definitive guide to the field of developmental science. Volume 4: Ecological Settings and Processes in Developmental Systems is centrally concerned with the people, conditions, and events outside individuals that affect children and their development. To understand children's development it is both necessary and desirable to embrace all of these social and physical contexts. Guided by the relational developmental systems metatheory, the chapters in the volume are ordered them in a manner that begins with the near proximal contexts in which children find themselves and moving through to distal contexts that influence children in equally compelling, if less immediately manifest, ways. The volume emphasizes that the child's environment is complex, multi-dimensional, and structurally organized into interlinked contexts; children actively contribute to their development; the child and the environment are inextricably linked, and contributions of both child and environment are essential to explain or understand development. Understand the role of parents, other family members, peers, and other adults (teachers, coaches, mentors) in a child's development. Discover the key neighborhood/community and institutional settings of human development. Examine the role of activities, work, and media in child and adolescent development. Learn about the role of medicine, law, government, war and disaster, culture, and history in contributing to the processes of human development. The scholarship within this volume and, as well, across the four volumes of this edition, illustrate that developmental science is in the midst of a very exciting period. There is a paradigm shift that involves increasingly greater understanding of how to describe, explain, and optimize the course of human life for diverse individuals living within diverse contexts. This Handbook is the definitive reference for educators, policy-makers, researchers, students, and practitioners in human development, psychology, sociology, anthropology, and neuroscience.

Paediatric Forensic Medicine and Pathology, Second Edition

This unique text serves as the foundation for pediatric emergency nursing practice and also addresses pediatric trauma care.

Metal Toxicology Handbook

Algorithms in Pediatrics uses an algorithm-based approach to various paediatric disorders. Every section presents algorithms based on patient history, physical examination, and laboratory studies, using a step-by-step approach. Clinical evaluation, diagnosis, treatment and management are also included, with clinical pearls throughout and key points at the end of each section, making this an ideal resource for post-graduates and paediatricians.

Clinical Management of Poisoning and Drug Overdose

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.
Pediatric Toxicology

The quick reference you need to prepare for any pediatric emergency medicine examination or stay abreast of the latest developments in the field. Covering the full scope of pediatric emergency medicine, this concise, yet comprehensive, review is the perfect tool to prepare for in-training, board certification, or recertification examinations, or for use as a clinical refresher. Pediatric Emergency Medicine: Just the Facts provides the essential information needed for the emergency care of children in a readily accessible manner that makes important material easy to read and remember. Learn more in less time with: A convenient and efficient presentation that condenses and simplifies must-know material for maximum retention and comprehension. High-yield facts presented in clear, easy-to-read bullets. More than 800 board-style questions with fully explained answers. An emphasis on key points of epidemiology, pathophysiology, clinical features, diagnosis and differential, and treatment. Content that highlights and summarizes important concepts to reinforce your understanding of even the most difficult topics. Coverage that spans the entire field of pediatric emergency medicine. Sections include: Cardiovascular Emergencies; Gastrointestinal Emergencies; Genitourinary Emergencies; Infectious Emergencies; Immunologic Emergencies; Musculoskeletal Emergencies; Neurologic Emergencies; Ophthalmologic Emergencies; Otolaryngologic Emergencies; Pediatric Resuscitation; Pediatric Toxicology; Psychosocial Emergencies; Respiratory Emergencies; Traumatic Bone and Joint Disorders; Trauma; Vascular Emergencies.

Atlas of Pediatric Emergency Medicine

The bestselling "Textbook of Pediatric Emergency Medicine" is the most comprehensive text in this specialty. This edition's highlights include new chapters on palpitations, cystic fibrosis, travel-related emergencies and ultrasound, and has a new appendix on practice pathways.

Critical Care Toxicology

Pediatric Toxicology

Paediatric Intensive Care gives practical and realistic advice for all those who care for critically ill children. Organised predominantly by system or specialty for easy reference, it also comprehensively covers the underlying principles that guide clinicians in every day practice.

Poisoning in the Modern World

Textbook of Clinical Pediatrics

With easy-to-read, in-depth descriptions of disease, disease etiology, and disease processes, Pathophysiology: The Biologic Basis for Disease in Adults and Children, 7th Edition helps you understand the most important and the most complex pathophysiology concepts. More than 2,100 full-color illustrations and photographs make it easier to identify normal anatomy and physiology, as well as alterations of function. This edition includes a new Epigenetics and Disease chapter along with additional What's New boxes highlighting the latest advances in pathophysiology. Written by well-known educators Kathryn McCance and Sue Huether, and joined by a team of expert contributors, this resource is the most comprehensive and authoritative pathophysiology text available! Over 2,100 full-color illustrations and photographs depict the clinical manifestations of disease and disease processes — more than in any other pathophysiology text. A fully updated glossary includes 1,000 terms, and makes lookup easier by grouping together similar topics and terms. Outstanding authors Kathryn McCance and Sue Huether have extensive backgrounds as researchers and instructors, and utilize expert contributors, consultants, and reviewers in developing this edition. Chapter summary reviews provide concise synopses of the main points of each chapter. Consistent presentation of diseases includes pathophysiology, clinical manifestations, and evaluation and treatment. Lifespan content includes ten separate pediatric chapters and special sections with aging and pediatrics content. Algorithms and flowcharts of diseases and disorders make it easy to follow the sequential progression of disease processes. Nutrition and Disease boxes explain the link between concepts of health promotion and disease. Extensively updated content reflects advances in pathophysiology including tumor biology, nutrition, and metabolism, the epidemiology of cancer, diabetes mellitus, insulin resistance, thyroid and adrenal gland disorders, female reproductive disorders including benign breast diseases and breast cancer, and a separate chapter on male reproductive disorders and cancer. NEW! Chapter on epigenetics and disease. Additional What's New boxes highlight the most current research and clinical development.

The American Psychiatric Publishing Textbook of Psychosomatic Medicine
Here's a comprehensive and clinically-specific reference on toxicology. The 3rd Edition includes chapters on overdose during rapid-sequence intubation and conscious sedation, management of complications of thrombolytic agents, and the application of hyperbaric medicine in toxicology. Provides the perfect balance of basic pharmacokinetics and clinical management. Contributions are by experts in the field.

Clinical Toxicology, An Issue of Emergency Medicine Clinics of North America, E-Book

Widely acclaimed for its outstanding step-by-step illustrations, comprehensive coverage, and reader-friendly format, Textbook of Pediatric Emergency Procedures is now in its thoroughly updated Second Edition. In 137 chapters, the book provides clear, complete instructions on every emergency medicine procedure performed on infants, children, and adolescents. More than 1,000 detailed drawings, most in two-color, show how to perform each procedure. This edition includes a new chapter on new technologies and techniques for managing the difficult airway. Other new topics include use of tissue adhesives in laceration repair, focused abdominal sonography for trauma (FAST), management of priapism, reimplanting an avulsed permanent tooth, use of automatic external defibrillators, and procedures related to bioterrorism.

Handbook of Child Psychology and Developmental Science, Ecological Settings and Processes

Revised to incorporate the latest advances in the neurosciences and clinical neurology, the Seventh Edition of this classic text provides practical, cost-effective problem-solving approaches to all diseases affecting the developing nervous system. In clinically relevant terms, the book explains how recent developments in molecular biology, genetics, neurochemistry, neurophysiology, neuropathology, and neuroimaging impact on diagnosis and treatment. Chapters focus on specific disorders or groups of disorders and emphasize differential diagnosis, disease course, treatment, and prognosis. This edition has a new chapter on mitochondrial cytopathies.

Environmental Protection: Critical Perspectives in Science and Literature

The new edition of this classic reference offers a problem-based approach to pediatric diseases. It encompasses almost all pediatric subspecialties and covers every pediatric disease and organ system. It includes case studies and over 750 lavish illustrations.

Algorithms in Pediatrics

This thoroughly revised and updated Third Edition of the classic Medical Toxicology is the definitive reference on the management of poisoned patients. More than 300 well-organized chapters written by eminent authorities guide clinicians through the diagnosis and treatment of every poisoning or drug overdose. Chapter outlines, headings, and a detailed index enable readers to quickly locate exactly the information they need. This edition includes new chapters on biological and chemical weapons and on diagnosis of patients with apparent symptoms of poisoning when the cause is unknown. The book includes comparative commentary on toxicology practice in the United States, Europe, Australia, and Asia.

Compatibility: BlackBerry® OS 4.1 or Higher / iPhone/iPod Touch 2.0 or Higher / Palm OS 3.5 or higher / Palm Pre Classic / Symbian S60, 3rd edition (Nokia) / Windows Mobile Pocket PC (all versions) / Windows Mobile Smartphone / Windows 98SE/2000/M E / X / P / Vista / Tablet PC

Oh's Intensive Care Manual E-Book

Featuring over 400 full-color photographs, this atlas is a visual guide to the diagnosis and management of pediatric emergencies and acute conditions. It's an indispensable reference in the emergency department, or in the pediatric clinic where rapid diagnosis depends on accurate physical observations. Sections organized by body region/system cover acute medical problems, medical and surgical emergencies, and trauma, including child abuse. Each chapter begins with a brief overview of the type of emergency, presenting signs and symptoms, and differential diagnosis. Photographs showing specific emergencies comprise the bulk of each chapter and are accompanied by discussions of patient presentation, diagnostic studies, and management.

Child Neurology

This new clinical resource brings you a state-of-the-art comprehensive review on every clinical condition encountered in pediatric nephrology in one concise, clinically focused text. International experts provide you with the latest on epidemiology, diagnosis, investigations, management, and prognosis for a full range of pediatric kidney disorders. A full-color, highly visual, meticulously crafted format, makes this material remarkably easy for you to access and apply. Comprehensive Pediatric Nephrology also serves as an ideal resource for board review study for the ABP subspecialty boards in pediatric nephrology. Just the right amount of "need-to-know" basic science coupled with practical clinical guidance for every disorder helps you make efficient, informed decisions. The book provides a much needed update on the genetic origins of pediatric kidney disorders. Chapters about
glomerulonephritis, nephrotic syndrome, and tubular disorders provide an orientation in the pathophysiology, differential diagnosis, and treatment of these heterogeneous disease entities. Disease specific chapters include diagnostic work-up, laboratory evaluation, and management of disorders and complications, making this necessary information readily accessible. The prevention and management of pediatric chronic renal failure and its complications are comprehensively covered in many detailed chapters. Four chapters devoted to childhood hypertension offer you insights into an increasingly prevalent condition among pediatric patients so you can treat them more effectively. A chapter on the role of the interventional radiologist in pediatric nephrology keeps you apprised of the latest advances in a key area in the field. The function of complementary and alternative medicine in patients with renal disease is reviewed for the first time in a standard pediatric nephrology textbook. A consistent organization throughout and a full-color layout lets you find diagnostic guidance quickly.

Textbook of Pediatric Emergency Procedures

With easy-to-read, in-depth descriptions of disease, disease etiology, and disease processes, Pathophysiology: The Biologic Basis for Disease in Adults and Children, 7th Edition helps you understand the most important and the most complex pathophysiology concepts. More than 1,200 full-color illustrations and photographs make it easier to identify normal anatomy and physiology, as well as alterations of function. This edition includes a NEW Epigenetics and Disease chapter along with additional What's New boxes highlighting the latest advances in pathophysiology. Written by well-known educators Kathryn M. C. Cane and Sue Hether, and joined by a team of expert contributors, this resource is the most comprehensive and authoritative pathophysiology text available! Over 1,200 full-color illustrations and photographs depict the clinical manifestations of disease and disease processes - more than in any other pathophysiology text. A fully updated glossary includes 1,000 terms, and makes lookup easier by grouping together similar topics and terms. Outstanding authors Kathryn M C Cane and Sue Hether have extensive backgrounds as researchers and instructors, and utilize expert contributors, consultants, and reviewers in developing this edition. Chapter summary reviews provide concise synopses of the main points of each chapter. Consistent presentation of diseases includes pathophysiology, clinical manifestations, and evaluation and treatment. Lifespan content includes ten separate pediatric chapters and special sections with aging and pediatrics content. Algorithms and flowcharts of diseases and disorders make it easy to follow the sequential progression of disease processes. Nutrition and Disease boxes explain the link between concepts of health promotion and disease. EXTENSIVELY Updated content reflects advances in pathophysiology including tumor biology invasion and metastases, the epidemiology of cancer, diabetes mellitus, insulin resistance, thyroid and adrenal gland disorders, female reproductive disorders including benign breast diseases and breast cancer, and a separate chapter on male reproductive disorders and cancer. NEW! Chapter on epigenetics and disease. Additional What's New boxes highlight the most current research and clinical development.

Principles and Practice of Critical Care Toxicology

This user-friendly text presents current scientific information, diagnostic approaches, and management strategies for the care of children with acute and chronic respiratory diseases. A consistent chapter format enables rapid and effortless location of the most current protocols on manifestations, etiologies, triggers, approaches to treatment, complications, and preventative strategies. Includes guidance on differential diagnosis to help determine which disease or condition the patient may have. Uses extensive color-coded algorithms to facilitate quick diagnosis, management, and treatment decisions. Provides the latest scientific information and diagnostic and management strategies for the care of children with respiratory illnesses. Presents cutting-edge coverage with new information on the biology of, and the influences on, the respiratory system during childhood, as well as the diagnosis and management of both common (ie, wheezing infant, cystic fibrosis, tuberculosis) and.

Oski's Pediatrics

Still the #1 resource for today's pediatric ICU teams, Pediatric Critical Care, 5th Edition covers the entire field, from basic science to cutting-edge clinical applications. Drs. Bradley P. Fuhrman and Jerry J. Zimmerman, accompanied by an expert team of editors and contributors from around the world, bring you today’s best information on the current and future landscape of pediatric critical care so you can consistently deliver optimum care to your young patients. Boasts highly readable, concise chapters with hundreds of useful photos, diagrams, algorithms, and clinical pearls. Clear, logical, organ-system approach allows you to focus on the development, function, and treatment of a wide range of disease entities. Includes new content on the expanding use of ultrasound at the bedside and the increase in nursing responsibilities in the PICU. Eighteen new chapters cover topics such as delirium, metabolism, endocrinology, nutrition, nursing, and much more. Features expanded and updated information on critical communication, professionalism, long-term outcomes, palliative care, ultrasonography, PCCM in resource-limited settings, ventilator-induced lung injury, non-invasive ventilation, updated CNS pathophysiology, the 'Erythron', and immunity and infection.

Holcomb and Ashcraft's Pediatric Surgery E-Book

A comprehensive guide to the current practice of pediatric care, this updated edition includes new chapters on
complementary and alternative medicine, genetics in primary care, and updated chapters regarding infant and child behavior and development.

Pathophysiology - E-Book

Known for its readability, portability, and global perspectives, Holcomb and Ashcraft’s Pediatric Surgery remains the most comprehensive, up-to-date, single-volume text in its field. As technology and techniques continue to evolve, the 7th Edition provides state-of-the-art coverage—both in print and on video—of the full range of general surgical and urological problems in infants, children, and adolescents, equipping you to achieve optimal outcomes for every patient. Provides authoritative, practical coverage to help you implement today’s best evidence-based open and minimally invasive techniques, with guidance from internationally recognized experts in the field. Features more than 1,000 high-quality images depicting the visual nuances of surgery for the full range of pediatric and urologic conditions you’re likely to see. Delivers comprehensive updates throughout including the latest advances in managing Inguinal Hernias and Hydroceles; Imperforate Anus and Cloacal Malformations; Hirschsprung Disease; Duodenal and Intestinal Atresia and Stenosis; Esophageal Atresia; and more.

Medical Toxicology

Child abuse and suspicious child deaths are very complicated matters for clinicians, pathologists, law enforcement officials and legal professionals to investigate. Meanwhile, the evidence base for forensic pathology, especially in paediatrics, is steadily growing. In Paediatric Forensic Medicine and Pathology, two internationally acclaimed editors have brought together a first class author team who provide an up-to-date, comprehensive, and thorough review of the contemporary problems encountered in practice today. Individual chapters explore the emerging role of imaging in the diagnosis of non-accidental injury and compare recent evidence contrasting sudden infant death and SIDS; the head and neck injury chapter carefully explores the ‘shaken baby syndrome’ and similar patterns of injury that have recently gained widespread media attention. Special emphasis is given to interview and assessment procedures, and useful clinical forms are included throughout the book. Whether in a clinical, laboratory, or legal setting, readers dealing with forensic inquiries or who are in preparation for court will find the comprehensive background and evidence base necessary to support their investigations. Paediatric Forensic Medicine and Pathology is an invaluable resource for forensic pathologists, paediatric pathologists, and paediatricians, as well as all practitioners in the judicial and legal, criminal investigation and social services systems that have to deal with such cases.

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