

Chapter 61 Neonatal Intestinal Obstruction

The second, fully updated edition of this book applies and contextualizes up-to-date information on pediatric surgery for low and middle-income countries (LMICs). The book is organized in general anatomic and thematic sections within pediatric surgery, such as urology, oncology, orthopedics and gastroenterology and includes chapters addressing the unique challenges and approaches for pediatric surgery in low-resource settings. Each chapter has dual authorship LMIC author providing context-specific insights and authors from high-income countries (HICs) contributing experience from well-resourced settings. Written in a reader-friendly format, this book has a uniform structure in each chapter, with introduction, demographics, etiology, pathophysiology, clinical presentations, investigations, management, outcome, prevention, ethics, evidence-based surgery and references. This comprehensive volume fills the gap between up-to-date pediatric surgical scholarship and knowledge developed and applied in HICs, and the practical needs of practitioners in low-resource settings. This is an indispensable guide for postgraduate surgical trainees in Africa and other LMICs as well as general surgeons practicing in Africa and other LMICs, who need to care surgically for children.

Over 9000 English-language entries to medical terminology, with etymology given in Japanese and English. Entries include word in English; part of speech; Greek, Latin, or other roots; and elements of word.

This book comprehensively reviews imaging of the pediatric gastrointestinal tract and accessory digestive organs from a practical approach. Starting with a brief discussion on techniques this is followed by a couple of comprehensive chapters covering emergency/acute pediatric abdominal imaging. A series of traditional anatomically structured chapters on the oesophagus, stomach, small bowel, colon and accessory organs then follow. Each chapter carefully considers the role of the currently available imaging techniques and discusses and illustrates diagnostic dilemmas. The closing chapter focuses on pediatric interventional procedures performed with imaging guidance. Since the first edition, the text has been fully updated and new illustrations included. Against the background of rapid advances in imaging technology and the distinctive aspects of gastrointestinal imaging in children and infants, this volume will serve as an essential reference for general and pediatric radiologists as well as for radiologists in training, neonatologists and pediatricians.

The book packages all aspects of the pediatric surgical nurse's job into one comprehensive reference, including pre- and post-operative care, minimally invasive surgery, innovative therapies, fetal surgery, pediatric solid organ transplantation, and more. It offers up-to-date information on pediatric surgical nursing and includes many critical pathways and research topics. It is a must-have resource for all healthcare providers involved in the care of the general pediatric surgical patient.

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.

This new edition of a popular book remains the standard for all general surgeons and surgeons in training. It has been completely revised, expanding its focus on operative procedures and drawing on internationally recognized contributors. An extensive artwork program includes over 750 halftones, and more than 700 line drawings - 80% redrawn for a consistent, easy-to-follow illustration of surgical procedure.

Essentials of Surgical Specialties, Third Edition provides students with exactly what they need to learn and retain the clinical foundations in surgical specialties. Organized by specialty, the book explains the basic skills needed in nine core rotations and prepares students for their clerkship. More than 200 illustrations demonstrate relevant anatomy and common surgical approaches. This edition provides updated information on treatment options, imaging modalities, operative techniques, laparoscopic and robotic surgery, surgical devices and products, and postoperative care. Multiple-choice questions have been expanded and rewritten to NBME format. A multiple-choice question bank will be available online at thePoint.

Our understanding of the management of diseases in the premature infant has changed dramatically in recent years, and it can be quite difficult to remain up-to-date on changes in this highly scientific field. Dr. Brodsky and Ms. Ouellette have worked together to create a comprehensive reference that covers both the pathophysiology and epidemiology of problems occurring in premature babies in the Neonatal Intensive Care Unit, and the management of these problems once the infant has been released from the NICU to a community practice. The book emphasizes specific diseases that affect premature infants and focuses on two primary categories: background and management in the NICU, and management of specific illnesses after discharge from the NICU. Find information quickly using an up-to-date summary of the problems that are likely to affect the premature infant. Review helpful guidelines on feeding and growth, neurologic outcomes, developmental problems, retinopathy of prematurity, bronchopulmonary dysplasia, and much

more. Use easy-to-follow management algorithms to help diagnose and manage common issues in premature infants after discharge. Make effective decisions about screening, immunizations, counseling of parents, and more.. Help families deal with the emotional impact of caring for a premature infant.. Access a list of disease-specific websites for clinicians and families.

This guide equips medical students in the pediatric clerkship with core practical knowledge needed to manage patients. Material is in question-and-answer and case history format, with sections on basic skills in history and physical examination and on specific pediatric health conditions. Information on conditions is organized by presentation and by diagnosis. Objectives, key points, and a practice multiple-choice exam are included. Annotation (c)2003 Book News, Inc., Portland, OR (booknews.com).

Wong's Essentials of Pediatric Nursing: Second South Asian Edition

This book is the leading international source of reference on the surgical management of neonatal disorders. It provides a comprehensive compendium of the pathophysiology, investigation and management of these conditions. Nearly 100 contributed chapters bring together a unique international consensus of expert opinion. All modern developments - including advances in fetal surgery - are covered in this revised edition. As well as a comprehensive update throughout, the second edition includes several new chapters on ground-breaking developments in neonatal surgery. The authorship has been expanded to bring in a number of additional authorities.

Featuring the work of recognized worldwide experts, this user-friendly text presents the most current scientific information, diagnostic approaches, and management strategies for the care of children with acute and chronic respiratory diseases. A consistent chapter format enables you to rapidly and effortlessly locate the most current protocols on manifestations, etiologies, triggers, approaches to treatment, complications, and preventative strategies. And, a bonus website—new to this edition—features all of the book's illustrations and extensive reference lists for each chapter in electronic format for your personal use. Includes guidance on differential diagnosis to help you determine which disease or condition your patient may have. Uses extensive color-coded algorithms to facilitate quick diagnosis, management, and treatment decisions. Organizes material to parallel your clinical decision making process. Provides expert guidance on what diagnostic tests to order for each patient—and how to interpret the results. Presents important “take home concepts within each chapter to help you recall clinical pearls. Includes the most need-to-know basic science, focusing on providing clear implications for patient care. Includes a separate website with all of the images from the text and extensive reference lists—downloadable for your personal use. Provides the latest scientific information and diagnostic and management strategies for the care of children with respiratory illnesses. Features a new, functional four-color design to help you identify important information quickly and differentiate between essential and extraneous material. 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 less common (ie, SARS, chest tumors, collagen vascular diseases, Familial Mediterranean Fever) conditions.

Pediatric Gastrointestinal and Liver Disease, by Drs. Robert Wyllie and Jeffrey S. Hyams provides the comprehensive reference you need to treat GI diseases in children. Review the latest developments in the field and get up-to-date clinical information on hot topics like polyps, capsule endoscopy, and pancreatic treatments. With expert guidance from an expanded international author base and online access to 475 board-review-style questions, this latest edition is a must-have for every practicing gastroenterologist. Confirm each diagnosis by consulting a section, organized by symptoms, that presents the full range of differential diagnoses and treatment options for each specific condition. Recognize disease processes at a glance with detailed diagrams that accurately illustrate complex concepts. Stay current with advances in the field by reviewing new chapters on Polyps and Polyposis Syndromes, Capsule Endoscopy and Small Bowel Enteroscopy, Small Bowel Transplantation, IBD, Short Gut Syndrome, Steatosis and Non-Alcoholic Fatty Liver Disease, and Pancreatic and Islet Cell Transplants. Gain fresh global perspectives from an expanded list of expert international contributors. Sharpen your visual recognition by accessing a color-plate section that displays additional endoscopy images. Prepare for certification or recertification with 475 online board review-style questions, answers, and rationales. Search the complete text online and download all illustrations at www.expertconsult.com.

Neonatal and Pediatric Surgery is a broad field with many challenges. The aim of this short book is to provide the reader with several informative chapters in the field of neonatal and pediatric surgery. Each chapter provides details on a specific area of this changing field. The scope of this book focuses on a few areas that are rare and challenging. For example, it covers preoperative and postoperative care of neonates. Important anesthesia considerations, including anesthesia for neonates and regional anesthesia, are discussed. A unique chapter on neonatal tumors is presented. The book provides an overview of the recent recommendations for care of infants and children that undergo cardiac surgery. The challenging aspects of caustic ingestion are explained. Each chapter stands alone as a detailed source of information for the reader. This book brings updated information with structured headings that will allow the reader to remain focused as the material is reviewed.

Clinically focused chapters take an evidence-based approach to the management of pediatric surgical patients for residents in training and general surgeons in practice Targets the practitioner who is well-versed in the basic tenets of patient care but who seeks to benefit from the expertise of a seasoned expert A practical guide in the everyday clinical care of pediatric surgical patients for the advanced reader

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This manual is a comprehensive guide to radiological imaging for the diagnosis of diseases and disorders in children. The fourth edition has been fully revised and features many new topics, providing the latest advances in the field. Divided into 35 chapters, the book covers all the main imaging modalities – CT, MRI, ultrasound and digital radiography, and their use in the diagnosis of disorders in different body systems. Numerous radiological images, tables and boxes further enhance the extensive text. Key points Comprehensive guide to radiological imaging in children Fully revised, fourth edition, featuring many new topics and latest advances Covers all the main imaging modalities accompanied by radiological photographs, tables and boxes Previous edition (9789350252055) published in 2011

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.

This book provides a practical approach to the anesthetic management of surgical and nonsurgical procedures across the spectrum of anesthesia sub-specialties. This book will assist the practitioner to plan their anesthetic from preoperative evaluation phase to complete recovery or transfer to another special care area. The emphasis is on both the planned technique and more importantly the logic or reasoning behind the suggested technique. This book addresses all important procedures in anesthesiology, including preoperative evaluation, airway management, and fluid administration. Every chapter discusses a specific surgery or procedure. Some topics of special interest are also included. Anesthesiology: A Practical Approach is aimed at anesthesia residents, anesthesia nurse practitioners, and experienced anesthesiologists called upon to work in any area or anesthetizing location.

This text encompasses the most essential information in the field of pediatric radiology in a concise, easy-to-use source. Highly focused, succinct chapters, organized by symptom, help readers to select the most appropriate imaging approaches and arrive at correct diagnoses based on patients' presenting signs. Most significantly, the book separates coverage of neonates from material on older infants and children, since radiographic presentation differs so dramatically between these two groups. Includes valuable chapters on the neonate with respiratory distress, the neonate with birth trauma, the child and adolescent with abdominal pain and recognising cases of child abuse Describes all relevant imaging modalities used in pediatric radiology, including conventional radiology, computed tomography, ultrasonography, magnetic resonance imaging and nuclear medicine Begins each section with images and descriptions of normal anatomy as a foundation for better understanding of abnormal radiologic images Discusses specific technical considerations and common mistakes, and provides memory hints and charts for quick reference Features over 525 outstanding, never-before-published illustrations that cover the entire gamut of pediatric imaging findings

This new edition of Pediatric Gastrointestinal Disease is dedicated to the maintenance of a comprehensive approach to the practice of Pediatric Gastroenterology. Considered to be the definitive reference work, this fourth edition has been extensively reviewed. As a result, the size and content of various sections have been modified and new

Minimize complications with Creasy and Resnik's Maternal-Fetal Medicine. This medical reference book puts the most recent advances in basic science, clinical diagnosis, and management at your fingertips, equipping you with the up-to date evidence-based guidelines and knowledge you need to ensure the best possible outcomes in maternal-fetal medicine. "... Creasy & Resnik's Maternal-Fetal Medicine: Principles and Practice remains an authoritative reference book for clinical residents, fellows and practicing specialists

in Maternal-Fetal Medicine." Reviewed by Ganesh Acharya , Feb 2015 Apply today's best practices in maternal-fetal medicine with an increased emphasis on evidence-based medicine. Find dependable, state-of-the-art answers to any clinical question with comprehensive coverage of maternal-fetal medicine from the foremost researchers and practitioners in obstetrics, gynecology and perinatology. Take advantage of the most recent diagnostic advances with a new section on Obstetrical Imaging, complemented by online ultrasound clips as well as cross references and links to genetic disorder databases. Stay on top of rapidly evolving maternal-fetal medicine through new chapters on Recurrent Spontaneous Abortion, Stillbirth, Patient Safety, Maternal Mortality, and Substance Abuse, as well as comprehensive updates on the biology of parturition, fetal DNA testing from maternal blood, fetal growth, prenatal genetic screening and diagnosis, fetal cardiac malformations and arrhythmias, thyroid disease and pregnancy, management of depression and psychoses during pregnancy and the puerperium, and much more. Access the complete contents online at Expert Consult. Your purchase entitles you to access the web site until the next edition is published, or until the current edition is no longer offered for sale by Elsevier, whichever occurs first. If the next edition is published less than one year after your purchase, you will be entitled to online access for one year from your date of purchase. Elsevier reserves the right to offer a suitable replacement product (such as a downloadable or CD-ROM-based electronic version) should access to the web site be discontinued.

Nelson Textbook of Pediatrics has been the world's most trusted pediatrics resource for nearly 75 years. Drs. Robert Kliegman, Bonita Stanton, Richard Behrman, and two new editors—Drs. Joseph St. Geme and Nina Schor—continue to provide the most authoritative coverage of the best approaches to care. This streamlined new edition covers the latest on genetics, neurology, infectious disease, melamine poisoning, sexual identity and adolescent homosexuality, psychosis associated with epilepsy, and more. Understand the principles of therapy and which drugs and dosages to prescribe for every disease. Locate key content easily and identify clinical conditions quickly thanks to a full-color design and full-color photographs. Stay current on recent developments and hot topics such as melamine poisoning, long-term mechanical ventilation in the acutely ill child, sexual identity and adolescent homosexuality, age-specific behavior disturbances, and psychosis associated with epilepsy. Tap into substantially enhanced content with world-leading clinical and research expertise from two new editors—Joseph St. Geme, III, MD and Nina Schor, MD—who contribute on the key subspecialties, including pediatric infectious disease and pediatric neurology. Manage the transition to adult healthcare for children with chronic diseases through discussions of the overall health needs of patients with congenital heart defects, diabetes, and cystic fibrosis. Recognize, diagnose, and manage genetic conditions more effectively using an expanded section that covers these diseases, disorders, and syndromes extensively. Find information on chronic and common dermatologic problems more easily with a more intuitive reorganization of the section. A comprehensive reference standard for the discipline, Canine and Feline Gastroenterology covers the biology, pathobiology, and diagnosis and treatment of diseases of the gastrointestinal, pancreatic, and hepatobiliary systems. An international team of experts, including 85 authors from 17 different countries, led by Robert Washabau and Michael Day, covers everything from minor problems such as adverse food reactions to debilitating inflammatory, infectious, metabolic, and neoplastic diseases of the digestive system. This authoritative text utilizes an evidence-based approach to reflect the latest science and research, complemented by principles of problem solving, algorithms to improve clinical diagnoses, and extensive full-color illustrations. For generalists and specialists alike, this gastroenterology reference should be part of every serious practitioner's professional library. A comprehensive, 928-page reference standard covers the discipline of canine and feline gastroenterology. An international focus is provided by 85 authors from 17 different countries, including renowned experts in veterinary gastroenterology, internal medicine, pathology, clinical pathology, radiology, and infectious disease. Coverage of the entire breadth and depth of gastroenterology ranges from biology to pathobiology, as well as diagnosis and treatment of diseases of the gastrointestinal, pancreatic, and hepatobiliary systems. Current information on GI microflora, immunology, cellular growth, and systems integration provides a foundation for treating clinical problems. Coverage of diseases in dogs and cats includes the oral cavity, esophagus, stomach, small intestine, large intestine, colon, anorectum, liver and biliary tract, exocrine pancreas, peritoneum, and associated vasculature. A focus on patient management examines the full range of procedures and techniques essential to diagnosis and treatment from clinical signs and diagnosis to nutritional support and pharmacologic management of disease. Clear explanations of current diagnostic modalities include laboratory tests, molecular methods, diagnostic imaging, endoscopy, and histopathology, also showing how to interpret and utilize results. A strong clinical approach emphasizes need-to-know information for managing the common and not-so-common G.I. clinical problems of everyday practice. Full-color photographs and illustrations depict concepts, conditions, and procedures. An evidence-based medicine perspective reflects the latest research as well as the modern practice of veterinary medicine. Logical, coherent, and consistent internal organization makes this a reader-friendly edition. Problem-based algorithms help in diagnosing every G.I. clinical problem from A to Z. A stand-alone section on the pharmacologic approach to G.I. disease offers quick and easy drug reference.

The 2nd Edition of Metabolic Diseases provides readers with a completely updated description of the Foundations of Clinical Management, Genetics, and Pathology. A distinguished group of 31 expert authors has contributed 25 chapters as a tribute to Enid Gilbert-Barness and the late Lewis Barness--- both pioneers in this topic. Enid's unique perspectives on the pathology of genetic disorders and Lew's unsurpassed knowledge of metabolism integrated with nutrition have inspired the contributors to write interdisciplinary descriptions of generally rare, and always challenging, hereditary metabolic disorders. Discussions of these interesting genetic disorders are organized in the perspective of molecular abnormalities leading to morphologic disturbances with distinct pathology and clinical manifestations. The book emphasizes recent advances such as development of improved diagnostic methods and discovery of new, more effective therapies for many of the diseases. It includes optimal strategies for diagnosis and information on access to specialized laboratories for specific testing. The target audience is a wide variety of clinicians, including pediatricians, neonatologists, obstetricians, maternal-fetal specialists, internists, pathologists, geneticists, and laboratorians engaged in prenatal and/or neonatal screening. In addition, all scientists and health science professionals interested in metabolic diseases will find the

comprehensive, integrated chapters informative on the latest discoveries. It is our hope that the 2nd Edition will open new avenues and vistas for our readers and that they will share with us the interest, excitement and passion of the research into all these challenging disorders.

This is a state-of-the-art review of sonography of the gastrointestinal tract in fetuses, neonates and children. An introductory chapter compares sonography and magnetic resonance imaging of the fetal gastrointestinal tract. Coverage focuses on technique, pitfalls and findings in applications including antropyloric diseases, bowel obstruction, bowel wall thickening, colitis, appendicitis, intussusception, abdominal wall and umbilical abnormalities, intraperitoneal tumors and trauma, with high-quality illustrations. Includes a quiz based on 15 case reports.

Practical guide for emergency physicians, providing all the information needed to diagnose and treat common and uncommon pediatric disorders.

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