Children's nutritional and dietary requirements, and of the prevention and treatment of childhood illnesses, has grown exponentially, as has the research supporting an evidence-based approach in nutrition and dietetics. So too has the Pediatric Critical Care Nutrition. Praveen Goday 2014-10-22 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 critical care unit. It provides a broad-based, multidisciplinary approach to 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 fluid and electrolyte management, nutritional support of the critically ill child Delivery of nutrition support to the critically ill Child-related disease 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 Nutrition in Practice B. Koletzko 2015-04-17 There is no other time in life when the provision of adequate and balanced nutrition is of greater importance than during infancy and childhood. During this dynamic phase characterized by rapid growth, development and developmental plasticity, a sufficient amount and appropriate composition of nutrients both in health and disease are of key importance for growth, functional outcomes such as cognition and immune response, and the metabolic programming of long-term health and well-being. This compact reference text provides concise information to readers who seek quick guidance on practical issues in the nutrition of infants, children and adolescents. After the success of the first edition, which sold more than 50,000 copies in several languages, the editors prepared this thoroughly revised and updated second edition which focuses again on nutritional challenges in both affluent and poor populations around the world. Serving as a practical reference guide, this book will contribute to further improving the quality of feeding of healthy infants and children, as well as enhancing the standards of nutritional care in sick children. Infant and Pediatric Feedings Caroline Laura Steele 2018 Texas Children's Hospital Handbook of Pediatrics and Neonatology Adam Lowry 2010-06-04 An essential pocket manual for anyone who treats children "This is a unique and novel approach to a pediatrician handbook. It is the first that I can remember that is written by house staff, although it is reviewed by attendings and is very thorough. 3 Stars."—Doody's Review Service Featuring an instant-access, find-it-now presentation, Texas Children's Hospital Handbook of Pediatrics and Neonatology delivers concise, evidence-based information that is directly applicable to bedside care of the patient. It covers pediatrics and neonatology. Authors and editors review by more than 125 residents, fellows, and faculty at Texas Children's Hospital in Houston, Texas, this compact guide features content especially selected for its value to students, trainees, and junior faculty. Distinctively simple in style and design, the handbook has easy-to-read, highlights, and a large font. The authors ensure that the text reflects the most current clinical practice. Features: A true quick reference utilizing numerous tables, figures, and clinical algorithms Includes material not found in any other handbook, such as Clinical Pearls for the Wards, Neonatal and Pediatric Nutrition, and Delivery Room Care of the VLBW Infant Key medications/dosages, research, and review articles are cited directly in the text Includes PCU card—a necessity for every lab coat pocket—providing what-to-do information on sedation, poisoning, IV antibiotics, anaphylaxis, airway obstruction, intubation sequences, hypertension crisis, and more References to additional material available online at www.AccessPediatrics.com Therapeutic Pediatric Nutrition Sharmad Madhu Paediatric Gastrointestinal Disorders Clarissa Martin 2019-03-15 The medical specialty of paediatric gastroenterology is concerned with the study of the digestive tract, liver and pancreas of children from infancy until age eighteen. This inspirational compilation discusses special pediatric conditions in which parenteral feeds are indicated and useful. Chapters cover carbohydrate and fat; electrolytes, minerals; practical application of parenteral nutrition; and it is necessary for the safe delivery of parenteral nutrition, including metabolism of protein, and relevant disease states, and medical nutrition therapy. Children in Intensive Care E-Book Joanna H Davies 2016-08-26 Children in Intensive Care fulfills a unique role in supporting clinical staff during the day-to-day management of the sick child. Presented in quick reference format, and in plain English, the book offers a unique guide to the wide variety of situations that a practitioner is likely to encounter during daily practice. Rich with reference tables, algorithms, artworks and 'Alert' boxes, the book offers a wealth of information which ranges from physiology to drug dosage calculation, drug compatibility lists, reference ranges, and X-ray interpretation. New chapters include oncologic emergencies, pain management and sedation, together with the latest information on the management of sepsis, the collapsed or traumatic child following spinal injury. Information presented in quick reference format, with accompanying reference tables, to facilitate on-the-spot usage Advanced Life Support (ALS) protocols are provided as easy-to-follow protocols to the management of emergency situations Contains input from a broad range of paediatric specialists — intensivists, anaesthetists, haematologists, oncologists, air ambulance physicians and retrieval nurses, pharmacists, specialist dieticians, and respiratory physiotherapists — to ensure full coverage and accuracy of information Contains helpful 'Quick Guide' and 'Warning' boxes to provide key information at a glance, while helpful mnemonics assist with learning Contains chapters on normal child development; safe-guarding children and young people; and patient transport Perfect for use on the wards, theatres, high-dependency units and intensive care units as well as during retrieval and A&E ideal for newcomers and experienced staff alike, whether they be junior doctors or nursing staff Additional authorship brings the expertise of Marilyn McDougall, a Senior Paediatric Intensive Care Consultant contains brand new chapters - oncology emergencies and pain & sedation - as well as the latest information on topics including sepsis and the collapsed neonate, and care of children after spinal surgery. It has been expanded and updated to include new chapters. Each chapter contains a critical review of the latest developments and techniques in enteral and parenteral feeding, evaluation methods and case examples. Features: A true quick reference utilizing numerous tables, figures, and clinical algorithms Includes material not found in any other handbook, such as Clinical Pearls for the Wards, Neonatal and Pediatric Nutrition, and Delivery Room Care of the VLBW Infant Key medications/dosages, research, and review articles are cited directly in the text Includes PCU card—a necessity for every lab coat pocket—providing what-to-do information on sedation, poisoning, IV antibiotics, anaphylaxis, airway obstruction, intubation sequences, hypertension crisis, and more References to additional material available online at www.AccessPediatrics.com Pediatric Critical Care Nutrition Distinguished faculty in virtually every pediatric discipline have reviewed the content to ensure that the text reflects the most current clinical practice. Features: A true quick reference utilizing numerous tables, figures, and clinical algorithms Includes material not found in any other handbook, such as Clinical Pearls for the Wards, Neonatal and Pediatric Nutrition, and Delivery Room Care of the VLBW Infant Key medications/dosages, research, and review articles are cited directly in the text Includes PCU card—a necessity for every lab coat pocket—providing what-to-do information on sedation, poisoning, IV antibiotics, anaphylaxis, airway obstruction, intubation sequences, hypertension crisis, and more References to additional material available online at www.AccessPediatrics.com Pediatric Nutrition Support Susan Baker 2007 This is a comprehensive, state of the art resource for dietitians, nurses, physicians and pharmacists involved in paediatric care. It covers the latest developments and techniques in enteral and parenteral feeding, evaluation methods and cases definitions of specific disease states. Pediatric Parenteral Nutrition Robert D. Baker, Jr. 2001-01-01 This book offers health professionals the scientific rationale for nutritional support based techniques needed for successful parenteral nutrition support, and ways to avoid complications. It presents the basic concepts necessary for the safe delivery of parenteral nutrition, including metabolism of protein, and carbohydrate and fat; electrolytes, minerals; practical application of parenteral nutrition; and it discusses special pediatric conditions in which parenteral feeds are indicated and useful. Chapters written by expert contributors emphasize hands-on advice and a practical approach to successfully administering parenteral nutrition to children.