Nutrition in Pediatrics: Basic Science, Clinical Applications

Provides a comprehensive and accessible approach to pediatric nutrition, and continues the expansion of the section on pediatric obesity: epidemiology, pathophysiology, assessment, and treatment.

It includes new chapters on celiac disease, food allergies, and iron. This edition also provides expanded and updated chapters on international nutrition, including focused chapters on nutrition in low- and middle-income countries. The text is divided into seven sections: General Concepts in Pediatric Nutrition, Physiology and Pathophysiology, Perinatal Nutrition, Obesity, Nutrition in Low- and Middle-Income Countries, Nutritional Aspects of Specific Disease States, and Approach to Nutritional Support. Key Features: The valuable and comprehensive appendices - Nutritional Assessment, Nutritional Requirements, and Enteral Products - have been retained and updated in the new edition. Chapters new to this edition include "Functional Food Ingredients: Probiotics, Prebiotics, Nutraceuticals, and Phytochemicals"; "Diet, Environment, and Gut Microbiota in the Metagenomic Era"; "Childhood Obesity Prevention"; and "Nutrition Support Teams." The previous edition's chapter on international nutrition has been expanded into a new section on nutrition in low- and middle-income countries, with the following new chapters: "The Nutrition Transition and Global Child Health," "Infant and Young Child Feeding in Low- and Middle-Income Countries," "Child Nutrition and Economic Development," "Global Interventions in Child Health," and "Obesity in Developing Economies."