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Titolo	Pediatric Neurogastroenterology : Gastrointestinal Motility Disorders and Disorders of Gut Brain Interaction in Children / / edited by Christophe Faure, Nikhil Thapar, Carlo Di Lorenzo
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ISBN	3-031-15229-8
Edizione	[3rd ed. 2022.]
Descrizione fisica	1 online resource (671 pages)
Disciplina	616.33 618.9233
Soggetti	Internal medicine Pediatrics Nutrition Internal Medicine Gastroenterologia pediàtrica Malalties del tracte gastrointestinal Manifestacions neurològiques de les malalties Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Physiology and Development of Enteric Neuromuscular System and Gastrointestinal Motility -- Introduction to Gut Motility and Sensitivity -- Development of the Enteric Neuromuscular System -- Development of Gut Motility -- Visceral Sensitivity -- Chronic Pain in Neurogastroenterology -- The Microbiome in Neurogastroenterology -- Integration of Biomedical and Psychosocial Issues in Pediatric Disorders of Gut Brain Interaction -- Motility and Sensory Testing -- Assessment of Oropharyngeal Function -- pH monitoring and Impedance -- Esophageal Manometry -- Antroduodenal Manometry -- Colonic Manometry -- Anorectal Manometry -- Esophageal Functional Luminal Imaging Probe -- Barostat and Other Sensitivity Tests -- Radionuclide Gastrointestinal Transit Tests -- Electrogastrography, Breath Tests, Ultrasonography, Transit Tests, Wireless Motility Capsule

and Cine-MRI -- Autonomic Nervous System Testing -- Disorders of Digestive Motility -- Pathology of Enteric Neuromuscular Disorders -- Allergy and Neurogastroenterology -- Disorders of Deglutition in Infants and Children: Etiology and Management -- Esophageal Achalasia -- Other Esophageal Motility Disorders -- Gastric Motor Disorders -- Pediatric Chronic Intestinal Pseudo-Obstruction -- Hirschsprung Disease -- Motility Problems in Developmental Disorders -- Gastrointestinal Disturbances in Autism Spectrum Disorder -- Motility Disorders after Surgery and Developmental Anomalies of the Enteric Neuromuscular System Secondary to Anatomical Malformations -- Esophageal Atresia -- Anorectal Malformations -- Motility Changes after Small Bowel and Colonic Surgery -- Gastric function after Fundoplication -- Disorders of the Gut Brain Interactions -- Rome Criteria for Disorders of Gut-Brain Interaction (DGBI) -- Infant Regurgitation and Pediatric Gastroesophageal Reflux Disease -- Esophageal Functional Disorders -- Functional Gastrointestinal Disorders in Infants and Toddlers -- Abdominal Pain-Related Functional Gastrointestinal Disorder and Disorders of Brain-Gut Interactions -- Cyclic Vomiting Syndrome, Abdominal Migraine and Chronic Nausea -- Aerophagia -- Rumination Syndrome -- Functional Constipation in Children -- Fecal incontinence in Children -- Treatments -- Drugs Acting on the Gut: Prokinetics, Antispasmodics, Laxatives -- Drugs Acting on the Brain -- Electrical Stimulation of the GI Tract -- Hypnotherapy in Functional Gastrointestinal Disorders -- Cognitive Behavioral Therapy for Disorder of Brain Gut Interaction -- Complementary and Alternative Treatments for Functional Gastrointestinal Disorders -- Cellular-Based Therapies for Paediatric GI Motility Disorders -- Surgery in Motility Disorders -- Gut Dysmotility and Transplantation: Long-Term Outcomes with New Insights into Surgical Integration and Allograft Motility Disorders.

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### Sommario/riassunto

This third edition brings together the latest in research and clinical practice of the expanding field of pediatric neurogastroenterology. In addition to a comprehensive review of the current state of the art, many chapters have been significantly revised and updated, covering the latest discoveries of the delicate and detailed mechanisms of the neuroenteric system as well as relationships of the latter with microbiota and metabolites produced by resident intestinal bacteria. The book also covers rapidly-changing techniques to assess clinical problems, along with international diagnostic criteria and recommendations and guidelines for clinical management. The content is supported by ample figures and photographs. Remaining the gold standard text in this up-and-coming field, Pediatric Neurogastroenterology 3e is dedicated to reporting the most accurate and recent knowledge available. Written by international experts in the field, the book is a comprehensive and up-to-date theoretical review and practical guide to pediatric gastrointestinal motility and functional disorders to pediatricians, pediatric gastroenterologists and all professionals involved in the treatment of children with such disorders.

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