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Advances in Nutrition in Pediatric Gastroenterology

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Message from the Guest Editors

Chronic conditions affecting the gastrointestinal (GI) tract can have various adverse nutritional impacts. This is especially relevant in growing and developing children diagnosed with a chronic GI condition.

The nutritional impact of chronic GI conditions in childhood includes weight loss, or limitations of weight gains, impaired linear growth and pubertal delay. Additional impacts include micronutrient deficiency (such as iron, vitamin D or zinc). Such deficiencies can impact learning (e.g., iron deficiency) or bone health (e.g., calcium or vitamin D deficiency) with short- and/or long-term consequences. Malnutrition in children can have a significant impact not only on health-related patient outcomes, but also on the quality of life of children and their families. Relevant conditions which can have an impact on nutrition include inflammatory bowel disease, eosinophilic disorders, coeliac disease, pancreatic disorders, chronic liver disease, intestinal failure, neurological disorders, cancer and obesity.



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