An ESPGHAN position paper on the use of breath testing in paediatric gastroenterology.

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European Society for Paediatric Gastroenterology, Hepatology, and Nutrition (ESPGHAN)

Broekaert IJ, Borrelli O, Dolinsek J, et al. An ESPGHAN position paper on the use of breath testing in paediatric gastroenterology. J Pediatr Gastroenterol Nutr. 2022 Jan 1;74(1):123-137. [121 references] PubMed

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Overview

Guideline Objective

To provide expert guidance regarding the indications for use of breath testing in paediatric patients and practical considerations to optimise its utility and safety

Patient Population

Paediatric patients with suspected digestive issues

Recommendations

Recommendation Statements

Major interventions covered in this guideline include:

- Factors to avoid before and during testing, including antibiotics, probiotics, laxatives, exercise, smoking, and food
- Administration and interpretation of hydrogen and methane breath tests
- Role of investigations for diagnosis of lactose intolerance, abdominal pain-related functional gastrointestinal disorders (AP-FGIDs), congenital sucrase-isomaltase deficiency, small intestinal bacterial overgrowth (SIBO), oro-caecal transit time (OCTT), *Helicobacter pylori*, coeliac disease, and exocrine pancreatic insufficiency

Note: Full recommendation statements have not been provided because this guideline does not meet EGT's systematic review of the evidence criteria. Refer to the original guideline for more information.

Evidence Rating Scheme

Refer to the original guideline documentation for more information.

Recommendation Rating Scheme

Refer to the original guideline documentation for more information.

Related Content

Supporting Documents

No supporting documents available.

Implementation Tools

No implementation tools available.

Patient Education

No patient education materials available.

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