

EFSUMB Recommendations and Guidelines for Gastrointestinal Ultrasound Part 7: Gastrointestinal Ultrasound in Functional Disorders of the Gastrointestinal Tract - EFSUMB Consensus Statement 2021

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Standards and Guidelines

Neurogastroenterology & Motility

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EFSUMB Task Force reviews the role of gastrointestinal ultrasound in assisting diagnosis and investigation of functional gastrointestinal diseases through real-time assessment of motility, perfusion, and organ dynamics.

KEY POINTS

- Gastrointestinal ultrasound is a noninvasive, highly repeatable real-time imaging method that can assess motility, flow, perfusion, peristalsis, and organ filling and emptying with high temporal and spatial resolution.
- GIUS can investigate functional gastrointestinal diseases by studying their behavior over time, response to therapy, and pathophysiologic mechanisms.
- The review addresses the role of GIUS in patients with symptoms such as dysphagia, reflux disorders, dyspepsia, abdominal pain, bloating, and altered bowel habits.
- The EFSUMB Task Force provides clinical recommendations, available scientific evidence, and defines actual and potential roles of GIUS in management of functional gastrointestinal diseases.
- This review is relevant for clinicians seeking evidence-based guidance on using ultrasound to investigate functional gastrointestinal disorders beyond exclusion of organic disease.

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