

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 56807

Manuscript Type: ORIGINAL ARTICLE

Observational Study

A comparative study between bowel ultrasound and magnetic resonance enterography among Egyptian inflammatory bowel disease patients

Bowel ultrasound vs. MRE in IBD

Abstract

BACKGROUND

Bowel ultrasound and magnetic resonance enterography (MRE) are decisive medical imaging modalities for diagnosing and locating bowel lesions with its extramural extent and complications. They assess the degree of activity, help clinicians to identify patients in need of surgery, and can be used for patient follow-up.

AIM

To compare the role of MRE and bowel ultrasound in diagnosis and follow-up of inflammatory bowel disease (IBD) patients in Egypt.

METHODS

The study was conducted on 40 patients with IBD. All patients were subjected to clinical

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A comparative study between bowel ultrasound and magnetic resonance



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Diagnostic accuracy of magnetic resonance enterography and ...

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[Magnetic resonance enterography \(MRE\) and ultrasonography ...](#)

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Magnetic resonance enterography. **Magnetic resonance** imaging is one of the most largely used imaging tool in many diagnostic (53-57) and interventional settings (58, 59) thanks to its intrinsic excellent soft tissue contrast and the absence of ionizing radiation compared to CT (55, 60-87). **Magnetic resonance enterography** (MRE) plays an important role in supporting the diagnosis, and in ...

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METRIC (MREnterography or **ulTRasound** in Crohn's **disease**): a **study** protocol for a multicentre, non-randomised, single-arm, prospective comparison **study of magnetic resonance enterography** and small **bowel ultrasound** compared to a reference standard in those aged 16 and over.