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**Manuscript NO:** 47704

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## Layered enhancement at magnetic resonance enterography in inflammatory bowel disease: A meta-analysis

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### Abstract

#### BACKGROUND

Documentation of disease activity in patients affected by Crohn's disease (CD) is mandatory in order to manage patients properly. Magnetic resonance imaging (MRI) is considered the

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### MR Enterography Findings of Inflammatory Bowel Disease in ...

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MR Enterography Findings of Inflammatory Bowel Disease in Pediatric Patients. A normal bowel wall is uniformly thin and exhibits moderate T1 and T2 signal intensity on true FISP images (Figs. 1A and 1B ). The cutoff value for differentiating between a normal and a thickened bowel wall is 3 mm [ 6 ].

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Author: Majid Chalian, Arzu Ozturk, Maria Oliva-...

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### Systematic review with meta-analysis: magnetic resonance ...

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Cited by: 32

Author: P. C. Church, D. Turner, B. M. Feldman, T...

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### Paediatric magnetic resonance enterography in inflammatory ...

<https://www.sciencedirect.com/science/article/pii/S0720048X18300767>

Paediatric magnetic resonance enterography (MRE) has been increasingly employed in the evaluation of inflammatory bowel disease (IBD) in the past decade. This is in parallel with a global rise in paediatric-onset IBD, greater recognition of the hazards of ionizing radiation, especially in children, and improved treatment options.

Cited by: 1

Author: Mary-Louise C. Greer

Publish Year: 2018

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### Magnetic Resonance Imaging of the Small Bowel in Crohn's ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4904647>

Magnetic Resonance Imaging of the Small Bowel in Crohn's Disease: A Systematic Review and Meta-Analysis Osman Ahmed , David Mario Rodrigues , and Geoffrey C. Nguyen \* Mount Sinai Hospital Centre for Inflammatory Bowel Disease, University of Toronto, Toronto, ON, Canada M5G 1X5

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Author: Osman Ahmed, David Mario Rodrigues, ...

Publish Year: 2016

### Magnetic resonance imaging in children and adolescents ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3921502>

Feb 07, 2014 · Core tip: Diagnosis of chronic inflammatory bowel disease (IBD) is partially based on subsequent imaging. Magnetic resonance imaging (MRI) of the gastrointestinal tract (GIT) is established in adults for diagnosing IBD. In children and adolescents MRI is not routinely used up to now.

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Author: Hans-Joachim Mentzel, Steffen Reinsch, ...

Publish Year: 2014

### Paediatric Magnetic Resonance Enterography in ...

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Magnetic resonance enterography (MRE) now plays a central role in diagnosing pediatric inflammatory bowel disease (IBD), and its role in other intestinal pathologies such as scleroderma is ...