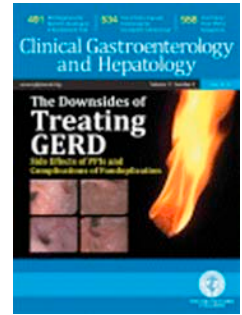


# Accepted Manuscript

A Sonographic Lesion Index for Crohn's Disease Helps Monitor Changes in Transmural Bowel Damage During Therapy

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## **A Sonographic Lesion Index for Crohn's Disease Helps Monitor Changes in Transmural Bowel Damage During Therapy**

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**Key words:** SICUS, Crohn's disease, transmural bowel damage, anti-TNF $\alpha$ , drug monitoring

**Running head:** Transmural bowel damage assessed by SLIC

**Words count:** 3.331

**Abbreviations:** CD, Crohn's disease; CDAI, Crohn's disease activity index; CRP, C reactive protein; CT, computed tomography; MR, magnetic resonance; MH, mucosal healing; PEG, polyethylene glycol; SICUS, small-intestine contrast ultrasonography; SLIC, sonographic index for Crohn's disease.

**Author contributions:** FZ and EC conceived the study. EC and FZ produced and interpreted clinical and sonographic data. EC, FZ and FP interpreted the data and drafted the manuscript. SZ and CR developed the mathematical program. ES, GB, PS and LB enrolled and followed up the patients.

**Conflicts of interest:** The authors disclose no conflicts.

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