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Name of journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 35634

Manuscript Type: EDITORIAL

Defining and predicting <sup>1</sup> deep remission in patients with perianal fistulizing Crohn's disease on anti-TNF therapy

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#### Abstract

Perianal fistulas can occur to up to one-third of patients with Crohn's disease (CD) leading to significant disabling disease and morbidity. Fistulising perianal CD treatment often necessitates a combined pharmacological and surgical approach. Anti-TNF therapy, particularly infliximab, has been shown to be very effective for both perianal and internal fistulising CD. Nevertheless, current data suggest that sustained remission and long-term complete fistula healing can be achieved in only 30 to 50% of patients. Moreover, these percentages refer mostly to clinical rather than deep remission, defined as endoscopic and radiologic remission, which is quickly emerging as the

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bowel disease (IBD). Our aim was to study how often patients on TNF- $\alpha$  blocking therapy actually ... of inflammation (defined as Crohn's disease activity index).



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... predict deep remission in patients with perianal fistulizing Crohn's disease. ... METHODS All patients with perianal CD treated with anti-TNF- $\alpha$  therapy at ... Deep remission was defined as the association of both clinical remission, absence of anal canal ulcers and healing on MRI. ... MR Imaging of Perianal Crohn Disease.

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METHODS All patients with perianal CD treated with anti-TNF- $\alpha$  therapy at our tertiary ... Fistula healing was defined as the absence of T2 hyperintensity and contrast ... predict deep remission in patients with perianal fistulizing Crohn's disease.