



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 58370

Title: Active tuberculosis in inflammatory bowel disease patients under treatment from an endemic area in Latin America

Reviewer's code: 03388124

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor, Attending Doctor

Reviewer's Country/Territory: United States

Author's Country/Territory: Brazil

Manuscript submission date: 2020-07-23

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-09-16 10:56

Reviewer performed review: 2020-09-22 15:58

Review time: 6 Days and 5 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

This is a retrospective study of active TB in IBD patients treated with immunosuppression and/or anti-TNF alpha in Brazil. The authors found that immunosuppression and/or anti-TNF therapy is associated with increased incidence of active TB, which is in line with similar studies in other part of the world. (1) Besides the time frame, are there any other criteria that can help distinguish reactivation of latent TB from new onset TB? Did you perform blood test such as quantiferon before initiating therapy? (2) The main conclusion is that either anti-TNF alone or in combination with azathioprine is associated with active TB. Looking at the last Table (table 5), the RR for anti-TNF alone is smaller than azathioprine alone, suggesting that azathioprine poses a slightly higher risk. However, when controlled by other factors, anti-TNF appears to have a stronger impact than azathioprine alone. This needs further explanation and discussion. (3) Is there any correlation between the development of active TB and IBD disease activity or duration of treatment? (4) In the abstract, full sentence should be used in the background and aim. (5) There is room to improve the English language and grammar.