

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 39344

Title: Systematic review and meta-analysis on the association of tuberculosis in Crohn's disease patients treated with tumor necrosis factor- α inhibitors

Reviewer's code: 02822560

Reviewer's country: Japan

Science editor: Xue-Jiao Wang

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Review time: 7 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This meta-analysis of 23 RCTs, including 5669 patients with CD, successfully showed that TB infection risk between TNF α inhibitor and placebo was significantly high with a risk difference of 0.028 and the odds ratio was 5.85. Additionally, they also added

so-called double-zero studies in the analysis and demonstrated the odds ratio of 4.85, using a novel epidemiologically-based background correction that can deal with rare events. The authors seem to summarize concisely their results and explain clearly their analysis. Therefore, this paper can provide gastroenterologists with useful information. The authors are recommended to explain or make a correction for some questions as follows. 1) Page5, line107, the abbreviation “MAP” should not be used in the Abstract. 2) Page12, line329, in the Results, the number does not match the value showed in Table 3. 3) Page18, line484, in the Research conclusions, they described that the risk could range from 5 times (OR) to as high as 8 times (RD). The authors should explain RD of 8 times in the Results.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

Answers to Reviewer

Thank you for reviewing our paper and providing us with excellent feedback. We



**Baishideng
Publishing
Group**

7901 Stoneridge Drive, Suite 501,
Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: bpgoffice@wjgnet.com

https://www.wjgnet.com

appreciate your fast response. We have corrected everything you have asked for us to correct.