



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 62761

**Title:** Is there a higher percentage of undetected osteopenia and osteoporosis among patients with ulcerative colitis in Saudi Arabia?

**Reviewer's code:** 01851506

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Professor

**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** Croatia

**Manuscript submission date:** 2021-01-17

**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2021-01-17 23:47

**Reviewer performed review:** 2021-01-18 07:14

**Review time:** 7 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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**

In this letter, the authors suggested the use of trabecular bone score (TBS) to further facilitate discrimination of patients harboring at a higher risk of fracture in addition to Bone mineral density (BMD) base on the article in WJG (Ewid et al 2020). The authors posed a question as to whether mesalamine was responsible for a lower risk of fractures in UC relative to CD cohort, and suspected the results of (Ewid et al 2020) by lack of apparent correlation between the steroid uasage and BMD. Given that TBS is a independent indicator for susceptibility of the bone fracture, it is reasonable to assume that BMD combined with TBS is useful for predicting patients prone to osteoporosis and/or osteopenia. The reviewer wonders why the authors did not ask whether the biological therapy such as anti-TNF- $\alpha$  had no correlation with BMD in (Ewid et al 2020), as anti-TNF- $\alpha$  therapy halted the bone loss (or BMD) (Gulyas et al. Clin Rheumat 39. 165-175, 2020).



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**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 62761

**Title:** Is there a higher percentage of undetected osteopenia and osteoporosis among patients with ulcerative colitis in Saudi Arabia?

**Reviewer's code:** 00188507

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Doctor, Full Professor

**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** Croatia

**Manuscript submission date:** 2021-01-17

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-01-19 06:25

**Reviewer performed review:** 2021-01-19 06:27

**Review time:** 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	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 letter should be accepted to discuss the points submitted in the original manuscript.



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 62761

**Title:** Is there a higher percentage of undetected osteopenia and osteoporosis among patients with ulcerative colitis in Saudi Arabia?

**Reviewer's code:** 03257825

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Assistant Professor

**Reviewer's Country/Territory:** United States

**Author's Country/Territory:** Croatia

**Manuscript submission date:** 2021-01-17

**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2021-01-18 01:48

**Reviewer performed review:** 2021-01-22 06:18

**Review time:** 4 Days and 4 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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**

The letter written by Ivna Olic Akrapovic et al. has some interesting comments on the paper of Ewid M et al., which could help clarify a couple of issues in Ewid M et al.'s paper. In the letter, the authors concluded "Only by including both screening methods, we could accurately measure whether UC cohort has lower risk of osteopenia/osteoporosis than CD cohort". This conclusion, however, appears to be an overstatement because it is still not clear how combination of two methods can "accurately measure" the risk of osteopenia. Since the authors had emphasized the importance of TBS as a complementary tool for evaluating risk of fractures in IBD patients, it could be better to say "By including both screening methods, we could make better predictions about whether UC cohort has lower risk of osteoporotic fractures than CD cohort."



### PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 62761

**Title:** Is there a higher percentage of undetected osteopenia and osteoporosis among patients with ulcerative colitis in Saudi Arabia?

**Reviewer's code:** 00036810

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** Croatia

**Manuscript submission date:** 2021-01-17

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-01-21 06:15

**Reviewer performed review:** 2021-02-06 18:23

**Review time:** 16 Days and 12 Hours

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

The authors suggest that the usage of trabecular bone score (TBS) for the evaluation of osteopenia/osteoporosis in IBD patients. In the first place, it seems that the study by Ewid et al. has several issues. The study by Ewid et al had small number of enrolled patients, in particular, ulcerative colitis patients. In addition, the disease duration of UC and CD was not shown in that study. However, your suggestion is worth considering for the evaluation of osteopenia/osteoporosis in IBD patients although the measurement method using TBS is not common.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 62761

**Title:** Is there a higher percentage of undetected osteopenia and osteoporosis among patients with ulcerative colitis in Saudi Arabia?

**Reviewer's code:** 01851506

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Professor

**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** Croatia

**Manuscript submission date:** 2021-01-17

**Reviewer chosen by:** Man Liu

**Reviewer accepted review:** 2021-03-30 22:09

**Reviewer performed review:** 2021-03-31 08:32

**Review time:** 10 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS



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In the revised manuscript, the authors have addressed the concerns that the reviewer had pointed out. Consequently, the manuscript has been improved. However, the reviewer has a concern on the text. English can further be improved.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 62761

**Title:** Is there a higher percentage of undetected osteopenia and osteoporosis among patients with ulcerative colitis in Saudi Arabia?

**Reviewer's code:** 03257825

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Assistant Professor

**Reviewer's Country/Territory:** United States

**Author's Country/Territory:** Croatia

**Manuscript submission date:** 2021-01-17

**Reviewer chosen by:** Man Liu

**Reviewer accepted review:** 2021-03-30 14:31

**Reviewer performed review:** 2021-03-31 19:25

**Review time:** 1 Day and 4 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS



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My concerns from my previous review have been addressed in this revision. However, there are a couple of grammar mistakes that should be fixed.