

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 63533

Title: Long-term metformin therapy and vitamin B12 deficiency: An association to bear in mind

Reviewer's code: 05847867

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Italy

Manuscript submission date: 2021-01-29

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2021-02-18 13:18

Reviewer performed review: 2021-03-04 13:37

Review time: 14 Days

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 Grade E: Do not publish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 checked="" type="checkbox"/> Yes <input 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

1. The manuscript was performed well, but some contents need to be added. For example: (1) vitamin B12 deficiency in specific populations such as the elderly or pregnant women. (2) vitamin B12 deficiency in different ethnic people including Asian. 2. There were several previous reviews addressing this issue, such as "Recommendations for diagnosis and management of metformin-induced vitamin B12(Cbl) deficiency", "Vitamin B12 status in metformin treated patients: systematic review", "The role of metformin on vitamin B12 deficiency: a meta-analysis review". Are there new insights in this review different from the previous reviews. 3. There were some spelling mistakes including not required capitalized "Topic Highlight" on line 16 in Abstract and wrong unit on line 8 in chapter "treatment of vitamin B12 deficiency".

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Reviewer's Country/Territory: China

Author's Country/Territory: Italy

Manuscript submission date: 2021-01-29

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2021-02-18 11:19

Reviewer performed review: 2021-03-05 11:15

Review time: 14 Days and 23 Hours

Scientific quality	<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
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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

SPECIFIC COMMENTS TO AUTHORS

This review gave us a fully and comprehensive introduction of long-term metformin therapy and vitamin B12 deficiency. The evidences can support the ideas. In the end, the authors gave the methods not only in screening high risk patients but also treating recommendation. There are some mistakes in manuscript, please see the comments in reviewed manuscript.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Manuscript submission date: 2021-01-29

Reviewer chosen by: Chen-Chen Gao

Reviewer accepted review: 2021-03-22 10:06

Reviewer performed review: 2021-03-22 10:07

Review time: 1 Hour

Scientific quality	<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
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
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Manuscript submission date: 2021-01-29

Reviewer chosen by: Chen-Chen Gao

Reviewer accepted review: 2021-03-24 05:07

Reviewer performed review: 2021-03-24 05:20

Review time: 1 Hour

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
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The author has revised it as requested without any other special comments.