



University of Belgrade
Faculty of medicine



Center of Bone Biology



Lian-Sheng Ma, Editorial Office Director, Editor-in-Chief
Editorial Office, Baishideng Publishing Group Inc

Dear Prof. Dr. Lian-Sheng Ma,

Thank you for the given opportunity to submit a revised draft of our manuscript entitled "*Bone loss in chronic liver diseases: Could healthy liver be a requirement for good bone health?*" by Jadzic J and Djonic D. to *World Journal of Gastroenterology* (Manuscript No: 80426, Minireviews). We incorporated the changes suggested by the reviewers to improve this manuscript and meet your journal's quality standards. The changes within the manuscript are given in red font.

Here is a point-by-point list of responses to the reviewers' comments.

Reviewer 1:

Comment 1: "The authors have discussed in detail a subject that is not emphasized much in practical life, but is very important. The subject has been examined in order until the beginning and conclusion of the article, enriched with figures. Other than a few typos, I have no further suggestions. Congratulations to the authors."

Response: Thank you for highlighting that our manuscript included a few typos. We have checked the grammar in our manuscript and edited the text linguistically. Also, to improve the language quality of the manuscript, the text was checked and improved by a Native English speaker.

Reviewer 2:

Comment 1: "*Secondary osteoporosis and increased bone fragility are frequently overlooked complications in patients with chronic liver disease (CLD). Recent studies indicated that CLD-induced bone fragility depended on the etiology, duration, and stage of liver disease. In this manuscript, the authors reviewed and discussed the osteodensitometry findings, bone turnover biomarkers, and the assessments of micro-scale bone properties in CLD patients, and the molecular mechanisms involved in the etiopathogenesis of CLD-induced bone loss. The authors concluded that the bone strength could be compromised in CLD individuals, and that an individualized approach to fracture risk assessment and subsequent therapy is necessary for these patients. This is a comprehensive review on the secondary osteoporosis and increased bone fragility in patients with chronic liver disease. The manuscript was well prepared. In this article, the authors present an overview regarding the assessments of osteoporosis and bone fragility in CLD patients, and the molecular mechanisms involved in CLD-induced bone loss. Thus, this review provided useful information to the clinicians to manage CLD patients with bone loss.*"

Response: Thank you for all these kind comments. Some changes were made to improve the language quality and formatting of the text, which can be found in the revised manuscript.

Reviewer 3:

Comment 1: *"This review is of interest for the clinicians. These are my comments: -More details must be given about the diagnostic tools available for the diagnosis of osteoporosis or osteopenia. For instance, in the section "Osteodensitometry findings in CLD patients" none information is given about the technique(s) used to assess it. The same applies to "Bone turnover biomarkers": what are these biomarkers and what is the tool used to assess them? The same for "assessments of micro-scale bone properties in CLD individuals". Some information is given in the figure but a reader that is not familiar with them will get confused, therefore some of the value of this review will be lost."*

Response: Thank you for this kind suggestion that contributed to the scientific quality of this manuscript. The requested change is incorporated in the revised manuscript and can be found on pages 5, 6 and 7.

Comment 2: *"All abbreviations must be spelled out at their first mention"*

Response: Corrected as suggested. The requested change can be found on pages 1 and 8 of the revised manuscript.

Comment 3: *"The English needs to be revised by a native English speaker."*

Response: The manuscript was checked and improved by our colleague, who is a Native English speaker. The changes are given in red font in the revised manuscript.

Additionally, we formatted the reviewed version of the manuscript to better comply with the formatting requirements of *World Journal of Gastroenterology*.

We hope to hear from you at your convenience.

Yours sincerely,
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