



PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 71482

Title: Osteosarcopenia in autoimmune cholestatic liver diseases: causes, management, and challenges

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03537165

Position: Editorial Board

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Croatia

Author's Country/Territory: Italy

Manuscript submission date: 2021-09-09

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-02 06:40

Reviewer performed review: 2021-10-15 14:59

Review time: 13 Days and 8 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 Grade E: Do not publish
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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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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
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SPECIFIC COMMENTS TO AUTHORS

This paper represents an excellent overview of current knowledge about osteosarcopenia in autoimmune cholestatic liver diseases. Review provides nice overview of the pathogenesis of osteoporosis and sarcopenia, association and interplay between both entities, with special emphasis on the specifics in cholestatic liver diseases, risk factors and changes related to disease stages. In addition to previous knowledge and identified risk factors, areas that require further research were highlighted. In the absence of guidelines, the authors offered recommendations for the care of patients with osteosarcopenia. Areas where there is no specific research in cholestatic diseases and where consequently it is not possible to give specific recommendations for these patients are highlighted. The review represents very good quality and I have no major objections. Minor language polishing is needed.



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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00068912

Position: Editorial Board

Academic degree: DSc, MD

Professional title: Full Professor

Reviewer's Country/Territory: Russia

Author's Country/Territory: Italy

Manuscript submission date: 2021-09-09

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-16 17:13

Reviewer performed review: 2021-10-17 16:34

Review time: 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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SPECIFIC COMMENTS TO AUTHORS

The review entitled "Osteosarcopenia in autoimmune cholestatic liver diseases: pathogenesis, diagnosis, and management of bone mineral and lean tissue loss" by Pugliese N et al. is devoted to the development of sarcopenia in primary biliary cholangitis and primary sclerosing cholangitis. The title, abstract and keywords correspond to the text of the article. The authors describe the current views on the problem, discussed the mechanisms of development of osteosarcopenia in cholestatic liver diseases, diagnostic methods and treatment principles. The authors presented a drawing showing the key positions of the pathophysiological mechanisms of osteoporosis development in cholestatic liver diseases. The authors appropriately cite the latest and relevant references. The manuscript is well organized and written. The title of the article should advisably give shorter, for example, "Osteosarcopenia in cholestatic liver diseases".