

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Hepatology*

**Manuscript NO:** 80444

**Title:** COVID-19 and liver injury: Pathophysiology, risk factors, outcome and management in special populations

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 03769068

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Adjunct Professor, Professor

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

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

**Manuscript submission date:** 2022-09-28

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-09-28 03:38

**Reviewer performed review:** 2022-10-01 03:18

**Review time:** 2 Days and 23 Hours

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 Grade E: Do not publish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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
**https://**www.wjgnet.com

<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous
	Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No

## **SPECIFIC COMMENTS TO AUTHORS**

I have now reviewed your paper and recognize the importance of your research question. This study aims to evaluate the risk factors, pathogenesis, clinical manifestations, diagnosis, prognosis, and management of COVID-19-induced liver injury. 1) Manuscript formatting should be revised according to BPG guidelines. 2) The abstract is somewhat repetitive and the writing is truncated; therefore, it should be revised. 3) The introduction is not well structured and the subject is not properly contextualised. It is important to construct and follow a chain of thought in order to introduce the reader to the research question. 4) The main text critically analyses the most relevant evidence on the subject. The strength of the manuscript is its ability to bring together the available literature. However, it could be more concise. 5) The cohesion of the text could be improved. 6) The table and figure are well constructed. In summary, the article has many strengths, but its writing and construction should be improved.

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**Reviewer's code:** 05242921

**Position:** Peer Reviewer

**Academic degree:** MSc, PhD

**Professional title:** Lecturer

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

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

**Manuscript submission date:** 2022-09-28

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2022-11-20 07:58

**Reviewer performed review:** 2022-12-06 10:34

**Review time:** 16 Days and 2 Hours

Scientific quality	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Very good <input type="radio"/> Grade C: Good <input type="radio"/> Grade D: Fair <input type="radio"/> Grade E: Do not publish
Language quality	<input checked="" type="radio"/> Grade A: Priority publishing <input type="radio"/> Grade B: Minor language polishing <input type="radio"/> Grade C: A great deal of language polishing <input type="radio"/> Grade D: Rejection
Conclusion	<input checked="" type="radio"/> Accept (High priority) <input type="radio"/> Accept (General priority) <input type="radio"/> Minor revision <input type="radio"/> Major revision <input type="radio"/> Rejection
Re-review	<input type="radio"/> Yes <input checked="" type="radio"/> 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

## SPECIFIC COMMENTS TO AUTHORS

1. Why only the male gender is affected by Liver injury caused by COVID-19 not the female? There may be some other cause of more cases of male-gender liver injury, may be due to alcohol intake by males (as mentioned in abstract). 2. On page no 12, remove develop in 5th line in para one, it does not seem any mean here. 3. Check highlighted lines in first para at page no.14, "Some of these at risk populations are patients with underlying liver diseases, including hepatitis, cirrhosis, or liver transplants (LT)." 4.

On page no 18 below table, check aOR, is it AOR (Adjusted odds ratio). Also check check aOR on page no 29. 5. Do proper spacing throughout the manuscript. 6.

Check proper spacing in references and they should be according to Journal guidelines.