



## PEER-REVIEW REPORT

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

**Manuscript NO:** 68060

**Title:** Hepatocellular injury and the mortality risk among patients with coronavirus disease 2019: a retrospective cohort study

**Reviewer's code:** 05935566

**Position:** Peer Reviewer

**Academic degree:** MBBS, MS

**Professional title:** Assistant Professor, Doctor

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

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

**Manuscript submission date:** 2021-05-11

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-05-12 03:42

**Reviewer performed review:** 2021-05-12 03:48

**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 Grade E: Do not publish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 type="checkbox"/> Grade B: Minor language polishing <input checked="" 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**

Dear authors, The study looks promising in this tough time of the COVID-19 pandemic. The sample size is adequate and the study methodology is good. However, the language needs some revision and corrections Regards



## PEER-REVIEW REPORT

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

**Manuscript NO:** 68060

**Title:** Hepatocellular injury and the mortality risk among patients with coronavirus disease 2019: a retrospective cohort study

**Reviewer's code:** 05229914

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Chairman, Chief Doctor, Director

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

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

**Manuscript submission date:** 2021-05-11

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-05-13 03:14

**Reviewer performed review:** 2021-05-13 07:46

**Review time:** 4 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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 type="checkbox"/> Grade B: Minor language polishing <input checked="" 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 type="checkbox"/> Minor revision <input checked="" 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**

this is an interesting Retrospective cohort study, however with many limitations. I feel that i am missing the main findings of the study when I read the manuscript. What did you find? Elevated isolated AST is significantly associated with in hospital mortality. Why isolated? if it is liver injury why aren't other elevations present? you see an association to ferritin and to DM. So it might be the DM itself and NOT the liver injury behind the association. CK has not been analyzed which would solve the question as AST here can be of muscular origin especially in the absence of other liver marker elevations. Other acute phase reactant proteins have not been recorded like haptoglobin. Obesity and pre-existing NAFLD are not discussed. History of HBsAg is not given and this could be significant especially in the discussion of predisposition for immune mediated injuries= autoimmune hepatitis. I would consider to find additional information as per above in the patient files and re-write the study.



### PEER-REVIEW REPORT

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

**Manuscript NO:** 68060

**Title:** Hepatocellular injury and the mortality risk among patients with coronavirus disease 2019: a retrospective cohort study

**Reviewer's code:** 05067878

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2021-05-11

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-05-11 16:29

**Reviewer performed review:** 2021-05-17 04:01

**Review time:** 5 Days and 11 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 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**

This is a nicely done study. The fact that AST has good prognostic value in predicting the mortality may help physician in tailoring the treatment. There are few grammatical mistakes which should be corrected while revising the article.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

**Manuscript NO:** 68060

**Title:** Hepatocellular injury and the mortality risk among patients with coronavirus disease 2019: a retrospective cohort study

**Reviewer's code:** 05229914

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Chairman, Chief Doctor, Director

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

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

**Manuscript submission date:** 2021-05-11

**Reviewer chosen by:** Jia-Ru Fan

**Reviewer accepted review:** 2021-07-09 06:17

**Reviewer performed review:** 2021-07-09 06:28

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

### SPECIFIC COMMENTS TO AUTHORS



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Satisfactory responses and additions in the manuscript.