

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 56438

Title: Liver injury in coronavirus disease 2019: A minireview Liver injury in coronavirus disease 2019: A minireview

Reviewer's code: 02544416

Position: Editorial Board

Academic degree: FEBG, PhD

Professional title: Full Professor

Reviewer's Country/Territory: Serbia

Author's Country/Territory: China

Manuscript submission date: 2020-04-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-04-30 08:20

Reviewer performed review: 2020-04-30 10:09

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 Grade E: Do not publish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
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
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

A very important topic and it should be presented and discussed as much as possible. The authors should also mention the paper published by Cai Q and coauthors in J Hepatol 2020:1-9. Please include a table with summarized data related to Covid-19 and liver injury.

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 56438

Title: Liver injury in coronavirus disease 2019: A minireview Liver injury in coronavirus disease 2019: A minireview

Reviewer's code: 02822922

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2020-04-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-04-30 11:16

Reviewer performed review: 2020-05-12 16:01

Review time: 12 Days and 4 Hours

Scientific quality	<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
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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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

SPECIFIC COMMENTS TO AUTHORS

The authors focused on a very interesting topic as few data are available regarding liver injury related to COVID19 disease. However, current paper needs major revisions. - First, in the paragraph re. the pathogenic mechanisms underlying the occurrence of liver disease, the authors should add this ref: Xu L, Liu J, Lu M, Yang D, Zheng X. Liver injury during highly pathogenic human coronavirus infections. *Liver Int.* 2020 Mar 14. doi: 10.1111/liv.14435. [Epub ahead of print] - Nausea, vomiting, and diarrhea are the main gastrointestinal clinical manifestations of COVID-19. The incidence of liver injury in patients with COVID-19 with gastrointestinal (GI) symptoms were significantly higher than that in those without gastrointestinal symptoms (17.57% vs 8.84%, $p=0.035$)[8]. Please clarify the association between liver injury and GI symptoms - Please better explain why Liver injury in COVID-19 also varies based on geographical area and age of patients - Please clarify the sentence Thus, more attention should be given to pediatric patients, especially severe and critical patients as the course of COVID 19 disease has been reported to be milder in the pediatric population - The authors should add a paragraph re. the outcome of COVID 19 infection in the liver transplant population (ref D'Antiga L. Coronaviruses and immunosuppressed patients. The facts during the third epidemic. *Liver Transpl.* 2020 Mar 20. doi: 10.1002/lt.25756. [Epub ahead of print]; Bhouri S et al. *Lancet gastroenterology and hepatology* 2020] - . Individuals suffering from underlying diseases, such as chronic liver disease, are more likely to be infected by the SARS-CoV-2 as they have lower immune function. Please clarify this sentence as previous references (D'antiga and Bhouri) do not support the role of a lower immune function as a risk factor for a more severe COVID19 disease Minor points: - in the core tip please delete "Wearing masks, washing hands and staying alone is the importance to prevent the COVID-19 for the public." as not pertinent - Yao et al.[10] found that the liver

injury was only associated with critical type patients they concluded that a higher proportion of liver injury was detected in severe patients, and critical type was an independent risk factor for liver injury. Please edit by adding the missing verb - Xi et al.[8] have reported the incidence of the severe and critical types was also significantly increased in patients with COVID-19 with GI symptoms than in those without GI symptoms (22.97% vs 8.14%, $p<0.001$), indicating increased incidence of liver injury in severe and critical types. Please add reported THAT - English language should be fully revised by a mother tongue

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Manuscript submission date: 2020-04-30

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-08-07 19:19

Reviewer performed review: 2020-08-07 19:26

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
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SPECIFIC COMMENTS TO AUTHORS



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The manuscript is corrected according to the suggestions. I have no further comments.