

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 79848

Title: Living with Liver Disease in the Era of COVID-19- The Impact of the Epidemic and the Threat to High-Risk Populations

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06366731

Position: Peer Reviewer

Academic degree: PhD

Professional title: Lecturer

Reviewer's Country/Territory: Thailand

Author's Country/Territory: United States

Manuscript submission date: 2022-09-11

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-10-16 02:30

Reviewer performed review: 2022-10-16 15:10

Review time: 12 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 Grade E: Do not publish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
Conclusion	<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
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

In this review, Barve et al. have summarized the impact of COVID-19 on liver injury and risk factors that exacerbates the liver conditions upon COVID-19 infection from the recent literature. Although this piece of work is well written and covers several major studies in the topic, I found that the overall contents are already presented and discussed in other recently published reviews (e.g. Du et al., 2022 PMID: 34428501; Ozkurt & Tanriverdi, 2022 PMID: 35211548; McConnell et al., 2022 PMID: 34658172 and Aio, 2022 PMID: 35023684), thus making this work redundant. The authors should identify a new angle of COVID-19 in liver diseases to distinguish this review from others. Nevertheless, I have following questions/suggestions to improve this review article. 1.

The discussion about the SAR-COV-2 variants does not yield any significant insights regarding their differential effects on liver injury (pg.6). Can the authors include the data of liver injury from patients with the original strain for comparison? Given the limited number of studies in this topic (two studies to be precise), I'm not certain if this section should be included in this review. 2. This review lacks synthesis of the data from previous studies. Are there any common mechanisms that promote liver injury upon COVID-19 infection from the risk factors presented in the review? A drawing/diagram of models explaining how SAR-CoV-2 commonly affects liver function and induces its injury could be helpful for readers' visualization. This illustration could highlight what we know and what we need to know to improve our understanding of the relationship between COVID-19 and liver pathophysiology. 3. The authors focus on mostly studies in 2020-21 (see reference), while the knowledge in this field is fast evolving. The authors should pay more attention to more recently published work.

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Peer-review model: Single blind

Reviewer's code: 05387164

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: United States

Manuscript submission date: 2022-09-11

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-10-16 22:18

Reviewer performed review: 2022-10-17 05:25

Review time: 7 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
Conclusion	<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
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

Dear author Thank you for the submission of you review article to our journal. I've just read your article and my comments are as follows; Major point Papers with only text and no figures or tables are difficult for readers to read. The readers would like to know to what extent it affects the severity in, for example, diabetics. It, therefore, should be changed to make it easier for readers to read. Minor points You should put the reference number not after the period but before the period. P4 Non-alcoholic steatohepatitis → non-alcoholic steatohepatitis Ds-dimer → D-dimer P7 Endoscopic retrograde cholangiopancreatography (ERCP) → endoscopic retrograde cholangiopancreatography What's the meaning of CLD? P11 compounding factor → confounding factor P16 Conclusion is too long.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 79848

Title: Living with Liver Disease in the Era of COVID-19- The Impact of the Epidemic and the Threat to High-Risk Populations

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Peer-review model: Single blind

Reviewer's code: 06366731

Position: Peer Reviewer

Academic degree: PhD

Professional title: Lecturer

Reviewer's Country/Territory: Thailand

Author's Country/Territory: United States

Manuscript submission date: 2022-09-11

Reviewer chosen by: Jia-Ru Fan

Reviewer accepted review: 2022-11-15 06:37

Reviewer performed review: 2022-11-15 09:15

Review time: 2 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 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
Conclusion	<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
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Overall quality of the revised manuscript is adequate for publication. I thank the authors for addressing most of my concerns.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Author's Country/Territory: United States

Manuscript submission date: 2022-09-11

Reviewer chosen by: Jia-Ru Fan

Reviewer accepted review: 2022-11-15 22:13

Reviewer performed review: 2022-11-15 23:23

Review time: 1 Hour

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 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
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statements

Conflicts-of-Interest: [] Yes [**Y**] No

SPECIFIC COMMENTS TO AUTHORS

Dear author Thank you for the re-submission of your article. The addition of only one illustration makes this paper still difficult for readers to read, but I think it is much easier to read than if there were no charts at all. Furthermore, the conclusion is too redundant, but it may be unavoidable in this type of paper. However, I feel that it has become much easier to read than the first paper, so my judgment is acceptance.