



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 65277

Title: The Impact of COVID-19 on Liver

Reviewer's code: 02445854

Position: Editorial Board

Academic degree: MD

Professional title: Doctor, Research Assistant Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: Taiwan

Manuscript submission date: 2021-03-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-03 05:31

Reviewer performed review: 2021-03-03 06:55

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 Grade E: Do not publish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 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
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



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SPECIFIC COMMENTS TO AUTHORS

This review on liver injury caused by COVID-19 infection gives a clear picture of the current knowledge; however, it needs to be improved. These are my comments: All the acronyms/abbreviations must be defined at their first mention. The virus is sometimes wrongly defined as “SARS-CoV”, missing the number 2. Please correct throughout the manuscript. DILI paragraph The trial about Remdesivir has already been completed. Please correct. Moreover, it has been reported that signs or symptoms of liver inflammation can be observed [Remdesivir (VEKLURY) [package insert]. Food and Drug Administration. 2020. Available at: https://www.accessdata.fda.gov/drugsatfda_docs/label/2020/214787Orig1s000lbl.pdf]. For a thorough summary of the results of trials on Remdesivir and its adverse effects on the liver please refer to the NIH guidelines on the use of this drug: <https://www.covid19treatmentguidelines.nih.gov/antiviral-therapy/remdesivir/> A case of DILI associated with the use of tocilizumab has been reported [Muhović D, et al. First case of drug-induced liver injury associated with the use of tocilizumab in a patient with COVID-19. *Liver Int* 2020;40:1901-5]. The cited study for Remdesivir (Ref.#26) is a wrong reference. In fact, this study refers to MERS. Please check the current literature related to COVID-19. “Symptoms and Signs of COVID-19 infection in Liver Dysfunction” paragraph Please check the following article: Brisca G, et al. SARS-CoV-2 Infection May Present as Acute Hepatitis in Children. *Pediatr Infect Dis J*. 2021 Feb 9. doi: 10.1097/INF.0000000000003098. “Image Finding in Liver Dysfunction after COVID-19 infection” paragraph Please check the following article: Spogis J, et al. Sonographic findings in coronavirus disease-19 associated liver damage. *PLoS One*. 2021 Feb 19;16(2):e0244781. doi: 10.1371/journal.pone.0244781. The English needs to be revised.



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 65277

Title: The Impact of COVID-19 on Liver

Reviewer's code: 05104705

Position: Peer Reviewer

Academic degree: MD

Professional title: Surgeon

Reviewer's Country/Territory: China

Author's Country/Territory: Taiwan

Manuscript submission date: 2021-03-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-03 14:04

Reviewer performed review: 2021-03-04 13:09

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
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 type="checkbox"/> Yes <input checked="" 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

1.The author analysis the relevant factors of liver injury in patients with the COVID-19infection from the aspects of ethonology and pathological mechanism, and points out that cirrhosis is an indepeindependent-risk predictive factors. 2, The paper further certifies that the liver is one of the organs with the greatest influence on the in COVID-19 infection,which should be highly valued and monitored in the treatment.



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 65277

Title: The Impact of COVID-19 on Liver

Reviewer's code: 03765203

Position: Peer Reviewer

Academic degree: PhD

Professional title: Doctor, Postdoc, Senior Researcher

Reviewer's Country/Territory: Brazil

Author's Country/Territory: Taiwan

Manuscript submission date: 2021-03-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-03 21:17

Reviewer performed review: 2021-03-06 19:35

Review time: 2 Days and 22 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 checked="" 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

Study of great scientific relevance with information of great concern nowadays. This study will serve as a guide for conducting original studies. Complement stating that the theoretical framework is complete and also relevant.



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 65277

Title: The Impact of COVID-19 on Liver

Reviewer's code: 00001688

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: Taiwan

Manuscript submission date: 2021-03-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-03 08:06

Reviewer performed review: 2021-03-07 07:22

Review time: 3 Days and 23 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 type="checkbox"/> Yes <input checked="" 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

This manuscript focuses on the hot topic of COVID-19 infection and in particular on the relationship between COVID-19 and the liver. It touches on the different aspects but does not approach any in detail. For example when discussing DILI, there are different drugs used in the treatment of COVID-19 in the past and at the present, that need to be discussed. Moreover there are two large studies from US (Richardson S, et al Presenting characteristics, co-morbidities, and outcomes among 5700 patients hospitalized with COVID-19 in the New York City area JAMA 2020; 323(29): 2052-2059 doi: 10.1001/jama.2020.6775) and another from an international registry study (Marjot T, Moon AM, Cook JA, et al. Outcomes following SARS-CoV-2 infection in patients with chronic liver disease: an international registry study. J Hepatol 2020; published online Oct 6. <https://doi.org/10.1016/j.jhep.2020.09.024>.) that were not quoted. The impact of COVID-19 on liver transplant should be discussed.



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 65277

Title: The Impact of COVID-19 on Liver

Reviewer's code: 05849057

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: Spain

Author's Country/Territory: Taiwan

Manuscript submission date: 2021-03-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-03 10:11

Reviewer performed review: 2021-03-08 00:30

Review time: 4 Days and 14 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 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 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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SPECIFIC COMMENTS TO AUTHORS

The article can improve the theoretical part and update the bibliography.



RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 65277

Title: The Impact of COVID-19 on Liver

Reviewer's code: 02445854

Position: Editorial Board

Academic degree: MD

Professional title: Doctor, Research Assistant Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: Taiwan

Manuscript submission date: 2021-03-03

Reviewer chosen by: Man Liu

Reviewer accepted review: 2021-04-26 13:19

Reviewer performed review: 2021-04-26 13:34

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 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
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 responded satisfactorily to all comments.



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