

## PEER-REVIEW REPORT

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

**Manuscript NO:** 64621

**Title:** COVID-19 in liver transplant patients. Clinical and therapeutic aspects

**Reviewer's code:** 05301926

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Professor

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

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

**Manuscript submission date:** 2021-02-21

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-04-08 10:26

**Reviewer performed review:** 2021-04-08 10:49

**Review time:** 1 Hour

<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 Grade E: Do not publish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 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

#### **SPECIFIC COMMENTS TO AUTHORS**

This is an interesting review, however, too long,

## PEER-REVIEW REPORT

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**Title:** COVID-19 in liver transplant patients. Clinical and therapeutic aspects

**Reviewer's code:** 05635503

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2021-02-21

**Reviewer chosen by:** Man Liu

**Reviewer accepted review:** 2021-05-07 11:02

**Reviewer performed review:** 2021-05-07 12:35

**Review time:** 1 Hour

<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 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



**Baishideng  
Publishing  
Group**

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

#### **SPECIFIC COMMENTS TO AUTHORS**

COVID-19 has high morbidity and mortality for transplant candidates. The data on the relationship between immunosuppressive therapy and COVID-19 in LT recipients during this pandemic are still insufficient. Older age and post-transplant comorbidities showed to have a larger role than immunosuppression status. COVID-19 therapies and vaccinations seem to be well tolerated in pre and postliver transplant patients (with few exceptions). All this is clear and already consolidated in the literature. The present paper also highlights that Tacrolimus could be protective, but anti-proliferative such as MMF should be avoided. The situation during the pandemic is evolving rapidly, and recommendations need to evolve as well. As we learn more about how the COVID-19 pandemic impacts the care of patients before and after LT, updates are beneficial. The paper looks promising but, in its actual form, it is verbose and redundant. Revision of the manuscript is required to focus on novel conclusions.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 64621

**Title:** COVID-19 in liver transplant patients. Clinical and therapeutic aspects

**Reviewer's code:** 05072261

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor, Occupational Physician

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

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

**Manuscript submission date:** 2021-02-21

**Reviewer chosen by:** Man Liu

**Reviewer accepted review:** 2021-05-06 14:57

**Reviewer performed review:** 2021-05-14 16:55

**Review time:** 8 Days and 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>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

## **SPECIFIC COMMENTS TO AUTHORS**

Dear Authors, this is a well written review about COVID-19 in liver transplant patients. Since March 2020 many studies have been published on this issue, and you have done a good job of literature search. Transplant recipients are not so many in the majority of the articles published, and there are few studies with high scientific level. I have some comments: - the first section Early experience is too long, it would be better to summarize the case reports only with citation, maybe it was interesting to underline to categories of patients: long term transplanted vs early liver recipients. - For the section COVID-19 and liver please add the citation "Liver injury in COVID-19 and IL-6 trans-signaling-induced endotheliopathy, J hep "

<https://doi.org/10.1016/j.jhep.2021.04.050> about the correlation between endotheliopathy IL-6 correlated and liver injury; - It would be nice adding some reference about Vaccination on liver recipients: Rabinowich L, Grupper A, Baruch R, Ben-Yehoyada M, Halperin T, Turner D, Katchman E, Levi S, Houry I, Lubezky N, Shibolet O, Katchman H. Low immunogenicity to SARS-CoV-2 vaccination among liver transplant recipients. J Hepatol. 2021 Apr 20:S0168-8278(21)00255-5.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

**Manuscript NO:** 64621

**Title:** COVID-19 in liver transplant patients: Clinical and therapeutic aspects

**Reviewer's code:** 05635503

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2021-02-21

**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2021-07-16 17:19

**Reviewer performed review:** 2021-07-18 21:30

**Review time:** 2 Days and 4 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>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

Suggested revisions accomplished.