

PEER-REVIEW REPORT

Name of journal: *World Journal of Meta-Analysis*

Manuscript NO: 79858

Title: Liver dysfunction-related COVID-19: A narrative review

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03035807

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Chief Doctor, Surgeon

Reviewer's Country/Territory: China

Author's Country/Territory: Iraq

Manuscript submission date: 2022-09-09

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-10 06:34

Reviewer performed review: 2022-09-10 08:37

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 Grade E: Do not publish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 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	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

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

SPECIFIC COMMENTS TO AUTHORS

1 the topic is Liver dysfunction-related COVID-19: A narrative review the authors should focus the liver injury caused by COVID-19 rather than the other factors, it is true that many factors such as drugs can cause liver dysfunction, in this paper, the topic is SARS-CoV-2 induced liver dysfunction. it is highly to expect the authors to focus this point, SARS-CoV-2 caused liver injury, explain riefly the difference from liver injury caused other disorders. please consider to reduce or delete the unrelated section such drug induced liver-injury. 2 the conclusion includes "Hepatic involvements determine the severity of COVID-19. Abnormal liver function tests are more in non-survivors than survivors." please show the specific data or evidence in the text. 3 please explain what is NAFLD?(Another liver disease NAFLD also exists in COVID-19 patients and has more potential for liver dysfunction. The increased risk of NAFLD with severe COVID-19 has presently more than in non-NAFLD patients) 4 pelase expalin the relationship of lung injury and liver injury caused by COVID-19. 5 there are many grammer errors, that is difficult to understant, such as By the 11th of March 2020, a declaration by WHO that COVID-19 is a global pandemic percentages between 15-53% of individuals infected with SARS-CoV-2 presented with liver injury About 1 to 2.5 persons in the US nation infected with COVID-19 have some kind of hepatitis[30]; therefore, the most organ frequently affected by SARS-CoV-2 is the liver AST concentration is at a higher level in liver injury[41] it is related to an approximately 25% raised in liver biochemical tests In treating the previous underlying hepatic diseases, such antiviral drugs for treating HBV or HCV could interfere while healing COVID-19 resulting in HCV and HBV viral activity and aggravating liver inflammation[32] Biopsies from post-mortem wedge liver from 48 infected subjects

with severe SARS-CoV-2 disease who died have reported that the vascular alterations differentiated through the elevated count of portal vein branches related to massive lumen dilatation, marked focal enlargement and fibrosis of the portal tract as well as complete or partial luminal blood clotting of the portal and sinusoidal vessels[56].

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Reviewer's code: 05450115

Position: Peer Reviewer

Academic degree: MM

Professional title: Attending Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Iraq

Manuscript submission date: 2022-09-09

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-10-23 14:32

Reviewer performed review: 2022-10-23 14:59

Review time: 1 Hour

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 checked="" 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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statements

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

SPECIFIC COMMENTS TO AUTHORS

The authors summarized the various aspects of hepatic involvement during the COVID-19 course or following its vaccination in this mini-review.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Professional title: Chief Doctor, Surgeon

Reviewer's Country/Territory: China

Author's Country/Territory: Iraq

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Reviewer chosen by: Ji-Hong Liu

Reviewer accepted review: 2022-11-30 03:16

Reviewer performed review: 2022-11-30 03:48

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 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 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

I can not find any significant errors after careful reviewing this manuscript and suggest it to be published soon.