

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 66682

**Title:** Patterns of Liver Profile Disturbance in Patients with Coronavirus disease-2019 Infection

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 02623966

**Position:** Editorial Board

**Academic degree:** MD, MSc, PhD

**Professional title:** Attending Doctor, Research Scientist

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

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

**Manuscript submission date:** 2021-04-01

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-04-03 07:49

**Reviewer performed review:** 2021-04-03 07:49

**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 Grade E: Do not publish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 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



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

According to my knowledge, it is a novel paper in its field opening new horizons for further evidence. In addition, the object as well as the results are appropriately discussed in the context of previous literature explaining the importance of the manuscript in its field. Authors succeed to present their data in a clear way adding information to the existing literature. Therefore, I have no corrections or further work to propose for the improvement of the manuscript and therefore it can be published unaltered.

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**Reviewer's code:** 05848944

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Doctor

**Reviewer's Country/Territory:** United States

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

**Manuscript submission date:** 2021-04-01

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-04-02 17:22

**Reviewer performed review:** 2021-04-05 14:07

**Review time:** 2 Days and 20 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
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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

<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
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## SPECIFIC COMMENTS TO AUTHORS

The review paper by Dr. Shousha et al. summarized the liver damages in patients with COVID-19, and the associations of these changes with preexisting liver comorbidities. The authors cited a breadth of recent evidence and tried to explore the potential explanations for these observations in this manuscript. There are several comments that deserve attention. The goals of a review paper should be first, to outline the existing papers that most relevant to the topic comprehensively, and second, to categorize/organize those evidence into what are the recent findings, if these findings are consistent, and where is the gap, and last, to provide applications and insights based on the existing evidence. As such, this paper needs to do better in terms of the second and the last goals. 1. The “Introduction” section is not precise. It already elaborated the content that was discussed later. As a result, there is insufficient meet for sections later in the manuscript. This is really confusing for readers. 2. Following up on my first comment, the structure of this paper needs to be improved. The “Introduction” section needs to be short, which just points out the aims of this study and the topics that are going to be discussed. Then, discussions in “observed liver damages in patients with COVID-19”, “relationship with liver comorbidities”, and “possible explanations” could be in different sections; or the discussions in mechanisms can be in the first two sections, individually. 3. Summary of the current evidence and insights from the authors need to be added instead of piling up literature. When summarizing the literature, more weights should be given to randomized control trials and large-scale studies. In another word, the level of the evidence should be mentioned. 4. The current version needs further proofreading and editing. For example, some headings are all capitalized, and some are

not; references are in two different styles. In addition, some sentences don't make sense. Such as, in the third paragraph, "In fact, in the literature, conflicting results are reported. In a large cohort from China including 1099 patients from 552 hospitals, Guan and colleagues observed elevated levels of AST in 112 (18.2%) patients with non-severe disease and 56 (39.4%) patients with severe disease.[2] Moreover, the proportion of abnormal ALT in severe cases (28.1%) was reported to be higher than in mild cases (19.8%) (8). Similarly, Huang et al. reported that the proportion of liver injury in intensive care unit (ICU) patients (61.5%) was higher than that in non-ICU patients (25.0%).[8]", it's inappropriate to link "conflicting results" with "moreover" and "similarly".

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**Reviewer's code:** 06045617

**Position:** Peer Reviewer

**Academic degree:** MBChB

**Professional title:** Doctor, Superintendent

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

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

**Manuscript submission date:** 2021-04-01

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-04-03 06:11

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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
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<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
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## **SPECIFIC COMMENTS TO AUTHORS**

The manuscript requires reformatting. Let the authors proofread the paper and correct all the grammatical mishaps, from punctuation to word choice and passive voice misuse.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Reviewer's code:** 06045617

**Position:** Peer Reviewer

**Academic degree:** MBChB

**Professional title:** Doctor, Superintendent

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

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

**Manuscript submission date:** 2021-04-01

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

**Reviewer accepted review:** 2021-07-30 06:00

**Reviewer performed review:** 2021-08-01 05:46

**Review time:** 1 Day and 23 Hours

Scientific quality	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Very good <input type="radio"/> Grade C: Good <input type="radio"/> Grade D: Fair <input type="radio"/> Grade E: Do not publish
Language quality	<input type="radio"/> Grade A: Priority publishing <input checked="" type="radio"/> Grade B: Minor language polishing <input type="radio"/> Grade C: A great deal of language polishing <input type="radio"/> Grade D: Rejection
Conclusion	<input checked="" type="radio"/> Accept (High priority) <input type="radio"/> Accept (General priority) <input type="radio"/> Minor revision <input type="radio"/> Major revision <input type="radio"/> Rejection
Peer-reviewer	Peer-Review: <input checked="" type="radio"/> Anonymous <input type="radio"/> Onymous





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statements

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

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

I thank the authors for a commendable job done to rectify the issues raised during the first review. The manuscript is well written with coherence. A few spelling issues which can be corrected during type-setting.