

Editor in Chief, *World Journal of Clinical Cases*

Thank you for giving us the opportunity to submit a revised draft of our manuscript titled [Patterns of Liver Profile Disturbance in Patients with Coronavirus disease-2019 Infection] to [*World Journal of Clinical Cases*]. We appreciate the time and effort that you and the reviewers have dedicated for providing your valuable feedback on our manuscript. We are grateful to the reviewers for their insightful comments on my paper. We have been able to incorporate changes to reflect most of the suggestions provided by the reviewers. Here is a point-by-point response to the reviewers' comments and **editorial office's** concerns.

Reviewer #1:

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.

Response: Thanks, sir, for the comment. The manuscript was revised by a native English speaker.

Reviewer #2:

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. 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.

Response: Thanks sir, We shortened the introduction part and added the aim of the study and the topics that are going to be discussed in the introduction. Liver damages in patients with COVID-19”, “relationship with liver comorbidities”, and “possible explanations” were discussed in the later items

2. 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.

Response: We agree on this. We updated our evidences and corrected the manuscript.

4. The current version needs further proofreading and editing.

For example, some headings are all capitalized, and some are not;

Response: Thanks sir. We uniformed the headings

references are in two different styles.

Response: The references were corrected to be within the format of the journal

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".

Response: Thanks for this note. This was corrected

Reviewer #3:

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.

Response: Thanks sir for your positive comments and your support.

4 LANGUAGE QUALITY

Please resolve all language issues in the manuscript based on the peer review report. Please be sure to have a native-English speaker edit the manuscript for grammar, sentence structure, word usage, spelling, capitalization, punctuation, format, and

general readability, so that the manuscript's language will meet our direct publishing needs.

5 ABBREVIATIONS

In general, do not use non-standard abbreviations, unless they appear at least two times in the text preceding the first usage/definition. Certain commonly used abbreviations, such as DNA, RNA, HIV, LD50, PCR, HBV, ECG, WBC, RBC, CT, ESR, CSE, IgG, ELISA, PBS, ATP, EDTA, and mAb, do not need to be defined and can be used directly. Now we list the abbreviations rules as follows.

- (1) **Title:** Please spell out any abbreviation in the title. Abbreviations are not permitted.

It was corrected

- (2) **Running title:** Please shorten the running title to no more than 6 words. Abbreviations are permitted.

It was corrected: Liver disturbances in COVID-19

- (3) **Abstract:** Abbreviations must be defined upon first appearance in the Abstract. Examples: Example 1: Hepatocellular carcinoma (HCC). Example 2: *Helicobacter pylori* (*H. pylori*).

It was corrected

- (4) **Key words:** Abbreviations must be defined upon first appearance in the Key words.

It was corrected

- (5) **Core tip:** Abbreviations must be defined upon first appearance in the Core tip. Examples: Example 1: Hepatocellular carcinoma (HCC). Example 2: *Helicobacter pylori* (*H. pylori*)

It was corrected

- (6) **Main Text:** Abbreviations must be defined upon first appearance in the Main Text. Examples: Example 1: Hepatocellular carcinoma (HCC). Example 2: *Helicobacter pylori* (*H. pylori*)

It was corrected

(7) Article Highlights: Abbreviations must be defined upon first appearance in the Article Highlights. Examples: Example 1: Hepatocellular carcinoma (HCC).

Example 2: *Helicobacter pylori* (*H. pylori*)

(8) Figures: Please verify the abbreviations used in figures and define them (separated by semicolons) at the end of the figure legend or table; for example, BMI: Body mass index; CT: Computed tomography.

(9) Tables: Please verify the abbreviations used in tables and define them (separated by semicolons) at the end of the figure legend or table; for example, BMI: Body mass index; CT: Computed tomography.

6 EDITORIAL OFFICE'S COMMENTS

Authors must revise the manuscript according to the Editorial Office's comments and suggestions, which are listed below:

(2) *Company editor-in-chief*: I recommend the manuscript to be published in the World Journal of Clinical Cases. Before final acceptance, the author(s) must add a table/figure to the manuscript.

Response: A table was added summarizing the abnormalities in hepatobiliary and inflammatory markers along with theories of hepatic injury in COVID-19.

Step 2: Manuscript Information

Please check if the manuscript information is correct.

Step 3: Abstract, Main Text, and Acknowledgements

(1) Guidelines for revising the content: Please download the guidelines for Original articles; Review articles; and Case report articles for your specific manuscript type (Minireviews) at: <https://www.wjgnet.com/bpg/GerInfo/291>. Please further revise your manuscript according to the guidelines for revising the content.

(2) Format for Manuscript Revision: Please update the format of your manuscript according to the guidelines and requirements for manuscript revision and the format for manuscript revision. Please visit <https://www.wjgnet.com/bpg/GerInfo/291> for the article type-specific guidelines and formatting examples.

Step 4: References

Please revise the references according to the Format for references guidelines, and be sure to edit the reference using the reference auto-analyser.

Step 5: Footnotes and Figure Legends

(2) Requirements for Tables: Please provide decomposable Tables (in which all components are movable and editable), organize them into a single Word file, and submit as "66682-Tables.docx" on the system. The tables should be uploaded to the file destination of "Table File".

Re-Reviewer #1:

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.

Response: A few spelling issues were corrected.