PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 80789

Title: Prevention, diagnostic evaluation, management and prognostic implications of liver disease in critically ill patients with COVID-19

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06205768

Position: Editorial Board

Academic degree: BCPS, MSc

Professional title: Chief Pharmacist

Reviewer's Country/Territory: Saudi Arabia

Author's Country/Territory: Greece

Manuscript submission date: 2022-10-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-10-13 12:44

Reviewer performed review: 2022-10-25 12:38

Review time: 11 Days and 23 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good
	[ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [Y] Minor revision [ ] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Thank you for the interesting topic and comprehensive review. I enjoyed reading your manuscript. I have a few comments that may help in the manuscript.   • The title: There is no clear therapeutic implication in the review. Either you can add it to your manuscript or remove it from the title. • The introduction: The first two paragraphs are very long for Covid 19 history. It is preferred to see the importance of the liver as an organ and its functions. The mortality rates with liver dysfunctions complications in general and in ICU. • page 7, number (5) injury induced by the treating medications   it is important to mention paracetamol as an antipyretic and how it induces toxicity in geriatric and prolongs its use, leading to the accumulation of regular doses. It would be great to mention a brief mechanism of toxicity of the drugs and how to prevent or decrease its incidence.   • Page 8, to add (Diagnostic) to the subtitle for title correlation. • If the word count allows, add the role of liver dysfunction in drug accumulation and toxicity. • If the word count allows, discuss low albumin level as an associated biomarker for poor prognosis in COVID-19 patients. • Page 9, for the prealbumin paragraph, it will be easier for the reader to change the position of the paragraph to be at

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the end of liver function tests and before various non-invasive • page 11, How are APRI, NFS score and the FORNS index used as indicators for identifying high-risk patients? • page 13, please clarify that POCUS is a non-invasive method • page 14, in the third paragraph, what do you mean about the standard supportive care LT?

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SPECIFIC COMMENTS TO AUTHORS

The paper 'Prevention, diagnostic evaluation, management, therapeutic and prognostic implications of liver disease in COVID-19 critically ill patients' mainly highlights COViD-19 complications. It's not an original paper, it draws lessons from previously published work, minor revisions should be made before it can be published. Author should consider reading and citing https://www.tandfonline.com/doi/full/10.2147/IDR.S384348 as this paper provides major insights towards COVID-19 prevention.