



PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 68287

Title: Abnormal liver chemistries as a predictor of COVID-19 severity and clinical outcomes in hospitalized patients

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05907822

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United States

Manuscript submission date: 2021-05-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-05-25 01:00

Reviewer performed review: 2021-05-25 03:24

Review time: 2 Hours

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 Grade E: Do not publish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
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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Peer-reviewer statements	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

I have read the manuscript entitled Abnormal liver chemistries as a predictor of COVID-19 disease severity and clinical outcomes in hospitalized patients in a Major U.S. Hospital Network, submitted to the World Journal of Gastroenterology. In this paper, the authors aimed to assess the prevalence of elevated liver chemistries in hospitalized patients with COVID-19 and compare the serum liver chemistries to predict the severity and in-hospital mortality. This paper is quite well written and I have no questions to ask.



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Peer-review model: Single blind

Reviewer's code: 06011774

Position: Peer Reviewer

Academic degree: MBBS

Professional title: Doctor

Reviewer's Country/Territory: Malaysia

Author's Country/Territory: United States

Manuscript submission date: 2021-05-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-05-26 02:44

Reviewer performed review: 2021-06-07 14:33

Review time: 12 Days and 11 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
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SPECIFIC COMMENTS TO AUTHORS

well written article and interesting points. Just to clarify; 1) in abstract, the use of the word other races seems includes? 2) methods : advise to include ct value cut of point for positivity as threshold differs between countries 3) clinical classification of covid-19 pneumonia : under severe, resting O2 sat of less than 43% is unlikely the right level in guidelines. Please recheck that it is 93%. 4) what are the confounders? please specify 5) regression analysis should clearly state the direction, value, significance 6) table 2, 3, 5 : under liver biochemistries, p-value not accurately displayed as it was mentioned in a whole category instead of individual (eg. all level of abnormalities bundled in together)