

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 57943

Title: The Predictive Value of Serum Cystatin C on Risk of Mortality in Severe and Critically Ill Patients with COVID-19

Reviewer's code: 03555433

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: China

Manuscript submission date: 2020-07-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-07-04 08:24

Reviewer performed review: 2020-07-05 01:19

Review time: 16 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 Grade E: Do not publish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 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 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 statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

It is very impressed that the authors try to investigate the predictive value of serum cystatin c on mortality in severe and critically ill patients with COVID-19. There are several concerns and comments for this manuscript. Major concerns: 1. Research Ethic Committee approval was not mentioned in the Methods. 2. The authors may consider reporting their manuscript according to international guidelines of good quality reporting with a TRIPOD checklist for prediction model. 3. The information of the number of severe patients and the number of critical patients with COVID-19 should be mentioned in Table 1 or in the Results. Other comments for this review. 4. In the Results, the authors may consider reporting the timing of the cystatin c examination in their results, ex. within 12 hours, 24 hours, or longer after the diagnosis of severe and critically ill patients with COVID-19. 5. Figure legends are required for Figure 1 and 2. 6. Figure 2, the author should consider revising the figures. The probability of survival normally ranges between 0 and 1, and the survival curve starts at 1.0 and step down as time increases. 7. The specificity of the prediction is relative low. Please discuss that the prediction should be interpreted with caution in clinical practice. 8. In the Discussion, the first paragraph looks like a secondary Introduction. The authors may consider re-state the question, hypothesis, and use their results to answer the question. 9. In the second paragraph of Discussion, the authors may consider discussing their main finding or primary outcomes. 10. The authors may check and discuss the information of the following research. J. Xiang, J. Wen, X. Yuan, S. Xiong, X. Zhou, C. Liu, et al., Potential biochemical markers to identify severe cases among COVID-19 patients, medRxiv (2020) Mar 23;2020.03.19.20034447.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 57943

Title: The Predictive Value of Serum Cystatin C on Risk of Mortality in Severe and Critically Ill Patients with COVID-19

Reviewer's code: 03555433

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: China

Manuscript submission date: 2020-07-04

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-08-08 02:32

Reviewer performed review: 2020-08-09 13:27

Review time: 1 Day and 10 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
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
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

SPECIFIC COMMENTS TO AUTHORS



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

The authors have answered the comments and revised the manuscript.