

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 54703

Title: Multivariate predictive model for asymptomatic spontaneous bacterial peritonitis in patients with liver cirrhosis

Reviewer's code: 02520738

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2020-03-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-03-04 18:57

Reviewer performed review: 2020-03-10 18:16

Review time: 5 Days and 23 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 Grade E: Do not publish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 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 type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input 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



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SPECIFIC COMMENTS TO AUTHORS

To: Editorial Board World Journal of Gastroenterology Title: "A multivariate predictive model for asymptomatic spontaneous bacterial peritonitis in patients with liver cirrhosis"
Dear Editor, I read this manuscript and I think that: - The sample size is a limitation of the study design. This is a limitation and should be discussed in a dedicated limitation section. - A post-hoc sample size calculation should be provided. -

Results section of the abstract should be implemented by including more numerical data. Please provide. - Furthermore, the authors should consider a healthy control group in order to compare the data and the productiveness of the model. - Once more, in order to evaluate the model, a validation cohort should be considered. - The role of care manager should also be considered in this context. Please discuss such a point in relation to the paper from Ciccone MM et al. Vasc Health Risk Manag. 2010 May 6;6:297-305.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 54703

Title: Multivariate predictive model for asymptomatic spontaneous bacterial peritonitis in patients with liver cirrhosis

Reviewer's code: 02439036

Position: Editorial Board

Academic degree: PhD

Professional title: Assistant Professor, Research Scientist, Senior Scientist

Reviewer's Country/Territory: Spain

Author's Country/Territory: China

Manuscript submission date: 2020-03-04

Reviewer chosen by: Jie Wang (Quit in 2020)

Reviewer accepted review: 2020-03-17 09:03

Reviewer performed review: 2020-03-31 17:08

Review time: 14 Days and 8 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 type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input 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



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SPECIFIC COMMENTS TO AUTHORS

Tu et al. defined a predictive model for SBP based on the analysis of clinical features and routine laboratory determinations by a multiple linear stepwise regression model. Despite the small size of the cohort, this study has particular innovative aspects. Several groups have already tried to describe a similar model. However, Tu et al. selected a comparable group of patients to establish a balanced distribution of case and control patients. Some clarifications could improve the quality of the manuscript.