PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 90011

Title: Development of a newly developed Cox (NDC) model for predicting long-term survival after transjugular intrahepatic portosystemic shunts (TIPS) in patients with hepatitis cirrhosis

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05924079

Position: Peer Reviewer

Academic degree:

Professional title:

Reviewer's Country/Territory: Reviewer_Country

Author's Country/Territory: China

Manuscript submission date: 2023-11-21

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-12-06 05:10

Reviewer performed review: 2023-12-11 10:56

Review time: 5 Days and 5 Hours

Scientific quality	[ ] Grade A: Excellent　[ ] Grade B: Very good　[Y] Grade C: Good [ ] Grade D: Fair　[ ] Grade E: Do not publish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

Creativity or innovation of this manuscript	[ ] Grade A: Excellent [Y] 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 [Y] 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	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

This is a comprehensive study with important clinical implications. It provides valuable insights for the development of a new prognostic model for predicting long-term survival after placement of TIPS in patients with hepatitis cirrhosis. The methodology is sound, and the results are promising. And there are some areas that require minor modifications to improve the clarity and robustness of the findings: 1. In the introduction section, please provide more context and background information on the existing literature regarding TIPS placement, long-term survival prediction models, and their limitations. This will help readers understand the significance and novelty of your study. 2. Enrich the conclusion section by discussing potential clinical applications of the study and future research directions. 3. Check that all references are current and relevant. Ensure that any seminal works or recent pivotal studies in the field are included, especially those that directly relate to the NDC model and TIPS procedures. 4. Original:

"SPSS (version 27.0, IBM Corp, Armonk, New York) and R (version 4.3.1, R development Core Team) were used for the statistical analyses." Please specify which parts of the analysis were performed using SPSS and which were done using R. This adds clarity for readers who may wish to replicate your study.