PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 85558

Title: Portal vein computed tomography imaging characteristics and their relationship with bleeding risk in patients with liver cirrhosis undergoing interventional therapy

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06078955

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor, Doctor, Research Associate

Reviewer's Country/Territory: South Korea

Author's Country/Territory: China

Manuscript submission date: 2023-05-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-05-09 03:34

Reviewer performed review: 2023-05-17 08:25

Review time: 8 Days and 4 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Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish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 [ ] Grade B: Good [Y] 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	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Upper gastrointestinal hemorrhage is one of the most frequent and fatal outcomes. In recent years, multi-slice spiral CT has been widely used in the clinical evaluation of collateral circulation in portal hypertension owing to its advantages of simple operation, objectivity, and non-invasion. In this study, the authors collected and compared liver perfusion parameters, venous diameters, and vascular-related CT data in patients with or without bleeding and healthy individuals using multi-slice spiral CT to analyze the predictive value of multi-slice spiral CT perfusion imaging for upper gastrointestinal bleeding in patients with cirrhotic portal hypertension. The study is well designed and the results are interesting. Comments: 1. The abstract is too long, please short it, in particular the results section. Please only keep the most import results in this section. 2. Some minor language polishing should be revised. 3. The references should be edited.

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 [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 [Y] 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) [Y] Accept (General priority) [ ] 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

This is an interesting study about the predictive value of multi-slice spiral CT perfusion imaging for upper gastrointestinal bleeding in patients with cirrhotic portal hypertension. The manuscript is well written. The reviewer recommends to accept it after a minor editing.