

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 85145

Title: Intraoperative pancreas stump perfusion assessment during pancreaticoduodenectomy: A systematic scoping review

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06179533

Position: Peer Reviewer

Academic degree: MSc

Professional title: Associate Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: United Kingdom

Manuscript submission date: 2023-04-13

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-04-14 00:01

Reviewer performed review: 2023-04-16 11:51

Review time: 2 Days and 11 Hours

Scientific quality	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Very good <input type="radio"/> Grade C: Good <input type="radio"/> Grade D: Fair <input type="radio"/> Grade E: Do not publish
Novelty of this manuscript	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Good <input type="radio"/> Grade C: Fair <input type="radio"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="radio"/> Grade A: Excellent <input checked="" type="radio"/> Grade B: Good <input type="radio"/> Grade C: Fair <input type="radio"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 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

The authors detailly examined an interesting issue. They justified the inclusion criteria effectively, rhe organization of the manuscript is sufficient and all the references are relevant. I congratulate the authors for such anextensive work. As a minor suggestion, a core tip should be added.

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Manuscript NO: 85145

Title: Intraoperative pancreas stump perfusion assessment during pancreaticoduodenectomy: A systematic scoping review

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04721358

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: United Kingdom

Manuscript submission date: 2023-04-13

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-05-12 11:17

Reviewer performed review: 2023-05-15 10:34

Review time: 2 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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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Re-review	<input type="checkbox"/> Yes <input checked="" 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

The topic of this manuscript is very interesting: the relationship between pancreas stump perfusion and pancreatic fistula after pancreaticoduodenectomy. The Authors revised the English Literature and only 5 eligible studies were found totalling 156 patients. The definition of pancreatic fistula and the methods to assess pancreas stump perfusion were different in the studies. In conclusion, the current published evidence about pancreas perfusion and the impact of hypoperfusion on pancreatic fistula are not clear. Despite the limits of this study are consistent (as outlined by the Authors), Robertson and Coll. should be congratulated for the work related to an important, unresolved problem that requires further experiences.