

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 83592

Title: Impact of perioperative blood transfusion on oncological outcomes in ampullary carcinoma patients underwent pancreaticoduodenectomy

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02719046

Position: Peer Reviewer

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Tunisia

Author's Country/Territory: China

Manuscript submission date: 2023-02-01

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-02-01 14:15

Reviewer performed review: 2023-02-01 18:00

Review time: 3 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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

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

In this manuscript, the authors report an interesting study about the impact of perioperative blood transfusion on oncological outcomes in ampullary carcinoma patients who underwent pancreaticoduodenectomy. The authors have made a respectable effort, but they must highlight what their manuscript adds to the medical literature. The title reflects the main subject of the manuscript. The abstract summarizes and reflects the work described in the manuscript. The keywords reflect the focus of the manuscript. Please add more recent references. The style, language and grammar require minor revision. The figure legends should not contain abbreviations. The figures and the tables are appropriate and authentic. This manuscript does not have an important creativity and innovation. It meets the code of ethics standards though. The authors used reliable research methods. The accompanying data and methods are authentic. The use of statistics is appropriate but must be verified by professionals.

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Title: Impact of perioperative blood transfusion on oncological outcomes in ampullary carcinoma patients underwent pancreaticoduodenectomy

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06418676

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2023-02-01

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-02-02 09:44

Reviewer performed review: 2023-02-04 07:39

Review time: 1 Day and 21 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 type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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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 conducted an retrospective study on the prognostic value of blood transfusion to patients survival. The study is well analyzed and good written, but the design is the drawback. Several questions are important for readers and should be answered.

1 The author concluded that perioperative blood transfusion might be associated with decreased overall survival in early ampullary carcinoma. the reasonable use of transfusion might be helpful to improve overall survival. There are two mistakes should be considered. First, the blood transfusion is not an affiliated therapy, which is depend on the blood loss during the surgery. Only the comparision between blood transfusion group and non transfusion group in blood loss patients who need blood transfusion during surgery can give the correct pragnostic value of PBT on survival. Second, the reasonable use of transfusion provide no useful information for doctors, because doctors have no method to decide PBT before surgery.

2 what is the "short-term" survival, a month? 3 month?

3 Abstract part: The effect of perioperative blood transfusion on the prognosis of "digestive system tumors" is still debated. should be "ampullary carcinoma"

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Peer-review model: Single blind

Reviewer's code: 05322119

Position: Peer Reviewer

Academic degree: FACS, MD

Professional title: Surgical Oncologist

Reviewer's Country/Territory: Peru

Author's Country/Territory: China

Manuscript submission date: 2023-02-01

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-02-02 17:01

Reviewer performed review: 2023-02-10 02:42

Review time: 7 Days and 9 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" type="checkbox"/> Grade E: Do not publish
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	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Thank you for the opportunity to review this manuscript. Unfortunately, the language writing requires major improvements. Thus the ideas cannot be clearly understood.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Tunisia

Author's Country/Territory: China

Manuscript submission date: 2023-02-01

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2023-03-31 16:59

Reviewer performed review: 2023-03-31 17:07

Review time: 1 Hour

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
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Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

In this manuscript, the authors report an interesting study about the Impact of perioperative blood transfusion on oncological outcomes in ampullary carcinoma patients underwent pancreaticoduodenectomy. The authors have made a respectable effort. The title reflects the main subject of the manuscript. The abstract summarizes and reflects the work described in the manuscript. The keywords reflect the focus of the manuscript. The references are up-to-date. However, in the main text there are some sentences without citations. The style, language and grammar require minor revision. The figures are appropriate and authentic. This manuscript has important creativity and innovation. It meets the code of ethics standards. The authors used reliable research methods. The accompanying data and methods are authentic. The use of statistics is appropriate. Overall, this manuscript represents a useful contribution to the medical literature.

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Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2023-02-01

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2023-04-03 12:26

Reviewer performed review: 2023-04-03 12:55

Review time: 1 Hour

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
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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

No other comments