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PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 85607

Title: Effect of two surgical approaches on the lung function and prognosis of patients with combined esophagogastric cancer

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06503248
Position: Peer Reviewer
Academic degree: MD

Professional title: Associate Professor, Research Fellow

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2023-05-24

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-05-26 00:43

Reviewer performed review: 2023-06-08 09:43

Review time: 13 Days and 8 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish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

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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) [ ] 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

Currently, surgical resection remains the main treatment for adenocarcinoma of the esophagogastric junction, with a transthoracic approach recommended for Siewert I adenocarcinoma of the esophagogastric junction and a transabdominal approach recommended for Siewert III adenocarcinoma of the esophagogastric junction for complete resection of gastric cancer. However, the optimal surgical approach for Siewert II adenocarcinoma of the esophagogastric junction remains inconclusive. This study was designed to investigate the surgical effect, postoperative pulmonary function changes, and prognostic differences between two approaches for treating combined esophagogastric cancer. The design of this study is excellent and the methods are described in detail. Findings of the study is interesting and well discussed. In my opinion, this study can be accepted for publication after a minor revision. Comments: 1. The manuscript requires a minor editing. Some minor language polishing should be revised. 2. The authors have to short the results section in the abstract. 3. Figure 2 and figure 3 should be combined into one panel.

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Reviewer's code: 06120613
Position: Peer Reviewer
Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: China

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Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-05-30 00:42

Reviewer performed review: 2023-06-12 00:36

Review time: 12 Days and 23 Hours

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	[Y] Grade A: Excellent [ ] 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

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Re-review	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

In this study, totally one hundred and thirty-eight patients with combined esophagogastric cancer treated by general surgery and thoracic surgery were selected as the study subjects. The indexes related to surgical trauma, the number of removed lymph nodes, the indexes of lung function before and after surgery, the survival rate and survival time at 3 years after surgery were compared. The results of this study are interesting. The authors find that transabdominal and transthoracic surgical approaches are comparable in treating combined esophagogastric cancer. Overall, the manuscript is well written. The reviewer suggests to accept this manuscript after an editing of language, tables, and references list.