

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastrointestinal Surgery*

**Manuscript NO:** 88976

**Title:** Clinical effect of laparoscopic radical resection of colorectal cancer based on propensity score matching

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06540916

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** China

**Manuscript submission date:** 2023-11-21

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-11-27 05:41

**Reviewer performed review:** 2023-11-30 08:15

**Review time:** 3 Days and 2 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 Grade E: Do not publish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
Creativity or innovation 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 creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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

Thank you very much for asking me to review this manuscript by Liu Y et al. The study retrospectively analyzed the clinical data of 100 patients undergoing radical resection of colorectal cancer and compared the clinical effects of open surgery and laparoscopic surgery in terms of perioperative parameters, inflammatory response, immune function, pain degree and physical condition. The findings are well detailed. They found that compared with open surgery, laparoscopic radical resection of CRC showed better early inflammatory, immune, and pain indicators, and better physical status one month after surgery. The result of the study is of interest and may help analyze the early clinical effects of laparoscopic radical resection for CRC. Overall, this study was well conducted with good methodology and intelligible English. Research is well conducted, and statistics is appropriate. The message of the manuscript supported by the results. Furthermore, minor comment that I would to proposed: -Introduction can add more to the presentation of the propensity score matching. -Discussion paragraph could be expanded to underline the strength of this study and the potential limitations. Also, directions for future research could be discussed.

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**Title:** Clinical effect of laparoscopic radical resection of colorectal cancer based on propensity score matching

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06520467

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Researcher

**Reviewer's Country/Territory:** United States

**Author's Country/Territory:** China

**Manuscript submission date:** 2023-11-21

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-11-22 08:45

**Reviewer performed review:** 2023-11-30 09:50

**Review time:** 8 Days and 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
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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<b>Peer-reviewer statements</b>	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

I read with great interest the Manuscript titled “Clinical effect of laparoscopic radical resection of colorectal cancer based on propensity score matching”, which falls within the aim of World Journal of Gastrointestinal Surgery. In my honest opinion, the topic is interesting and the retrospectively studies novel enough to attract the readers’ attention. Nevertheless, the authors should clarify some points and improve the discussion citing relevant and novel key articles about the topic. SPECIFIC COMMENTS: Discussion section needs to supplement the direction of the next study.