



PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 72601

Title: Impact of anastomotic leakage on long-term prognosis after colorectal cancer surgery

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05348360

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Assistant Professor, Doctor, Surgeon

Reviewer's Country/Territory: Japan

Author's Country/Territory: Italy

Manuscript submission date: 2023-01-19

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-02-02 22:26

Reviewer performed review: 2023-02-07 22:50

Review time: 5 Days

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 Grade E: Do not publish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
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



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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 checked="" type="checkbox"/> Accept (General priority) <input 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

None



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Manuscript NO: 72601

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Peer-review model: Single blind

Reviewer's code: 05428080

Position: Peer Reviewer

Academic degree: FRCS (Ed), FRCS (Gen Surg), MBBS

Professional title: Assistant Professor

Reviewer's Country/Territory: Singapore

Author's Country/Territory: Italy

Manuscript submission date: 2023-01-19

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-02-06 01:52

Reviewer performed review: 2023-02-13 03:12

Review time: 7 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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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

Comprehensive review on the impact of anastomotic leak on outcomes of patients with colorectal cancer after surgery. Section on: "Relationship between AL and long-term prognosis" is relatively lengthy. Would recommend summarizing or sub-dividing into different sub-sections. minor spelling error on page 13: "In 2022, Dulskas et al. [95] evaluated AL in patients undergoing right colectomy for CRC and concluded that AL is a factor that negatively affects lon term prognosis" It should read: "long term prognosis"



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Peer-review model: Single blind

Reviewer's code: 05301514

Position: Peer Reviewer

Academic degree: MD

Professional title: Chief Doctor, Surgeon

Reviewer's Country/Territory: Japan

Author's Country/Territory: Italy

Manuscript submission date: 2023-01-19

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-02-24 13:19

Reviewer performed review: 2023-02-26 09:48

Review time: 1 Day and 20 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input 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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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

This study focused on association between anastomotic leakage and long-term prognosis after colorectal cancer surgery. The authors reviewed relevant literature thoroughly. The theme of this study is important. The manuscript is well-written. However, I have several comments below: Page 4: Baeza-Murcia et al. [22] analyzed the accuracy of C-reactive protein (CRP) and procalcitonin (PCT) for early detection of AL... Comment: CRP and PCT are written in bold, did the authors make them bold to emphasize? Although CRP and PCT may be good markers, but they are non-specific markers, so I don't think they need to be bold. Page 6: Tavernier et al. [28] considered 5 criteria for safe early discharge after laparoscopic colorectal surgery: a CRP level of less than 150 mg/dL,... Comment: I noticed that Tavernier described the units of CRP incorrectly. "150 mg/dL" is definitely incorrect. "150 mg/L" or "15 mg/dL" is correct. In fact, the CRP cut-off value is described as 125-140 mg/L in the references of Tavenier's paper. According to Yeung's research introduced by the authors on page 5, the CRP cut-off level is reported to be 9.6-14.8 mg/dL. Considering the readers' readability, I think it would be better for the authors to describe Tavenier's CRP value as 15 mg/dL. Page 13:



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complication only on OS and the study of Noh et al. [89], demonstrating... Comment:
“demonstrating” --- > “demonstrating” Page 13: In 2022, Dulskas et al. [95] evaluated
AL in patients undergoing right colectomy for CRC and concluded that AL is a factor
that negatively affects lon term prognosis. Comment: “lon term” --- > “ long-term”
Table1 Comment: Please define the abbreviations “PCS”, “RCS”, “C+R”, “NR”, “Clin”,
“Rad”, and “Endo”.