

## PEER-REVIEW REPORT

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

**Manuscript NO:** 47044

**Title:** Preoperative bowel preparation does not favor the management of colorectal anastomotic leak

**Reviewer's code:** 00504611

**Reviewer's country:** United Kingdom

**Science editor:** Fang-Fang Ji

**Reviewer accepted review:** 2019-03-13 09:21

**Reviewer performed review:** 2019-03-13 10:10

**Review time:** 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

This report evaluates the effect of preoperative bowel preparation in a large cohort of patients who had anastomotic leaks after colorectal surgery. The results indicate that mechanical bowel preparation and antibiotic use did not influence the treatment of



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anastomotic leakage. This is a valuable study with a good numbers of patients (n = 652). The manuscript reads well and the conclusions are important and justified by the data. The tables are comprehensive and cover the key detail. The limitations of the study are covered well. Typos: Page 4 Line 7: “less likely to require” rather than “less likely require” Page 9 4 lines from end of page: “However, this difference did not reach statistical significance” rather than “However, this difference dod not reach a statistical significance”

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

##### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 47044

**Title:** Preoperative bowel preparation does not favor the management of colorectal anastomotic leak

**Reviewer's code:** 02839880

**Reviewer's country:** Italy

**Science editor:** Fang-Fang Ji

**Reviewer accepted review:** 2019-03-09 18:08

**Reviewer performed review:** 2019-03-17 16:38

**Review time:** 7 Days and 22 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input checked="" type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

This is a very interesting retrospective study that aimed to determine the association between preoperative bowel preparation and postoperative anastomotic leak management. In general, the manuscript is very good; English language is adequate.



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Methods are clearly described. I would create a separate paragraph for the statistical analysis. The figures and tables are detailed and useful; however I would suggest to revise the color and format of the flow chart (Figure 1), if appropriate. I would suggest to include more references on the topic in the discussion (e.g. Biondi A et al Surg Laparosc Endosc Percutan Tech. 2014; Grosso G et al BMC Surg. 2012). Also, I would include a statement in the conclusion paragraph on the future direction of the treatment and prevention of anastomotic leakage, with more emphasis on the possible surgical/clinical implications of the results of the study.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

##### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No