



PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Pathophysiology

Manuscript NO: 60364

Title: Influence of anastomoses on intestine ischemia and cefuroxime concentrations: evaluated in ileum and colon in a porcine model

Reviewer's code: 05117991

Position: Associate Editor

Academic degree: MD, MSc

Professional title: Associate Professor, Director, Surgeon

Reviewer's Country/Territory: Turkey

Author's Country/Territory: Denmark

Manuscript submission date: 2020-10-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-10-28 16:13

Reviewer performed review: 2020-11-02 07:46

Review time: 4 Days and 15 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 Grade E: Do not publish
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 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 type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

Dear Authors, Thank you. I read the manuscript with high interest. However, the novelty of the findings is limited. Certainly, an intestinal anastomosis creates ischemic microenvironment, thus increases lactate and glycerol, decreases glucose. The measurement of cefuroxime levels has added some novelty. The Title reflects the main hypothesis presented in the manuscript. Methods section is detailed and clear. I understand each pig was used as its control. The results should be presented better though. Table 1 should be showing anastomosis and non-anastomosis levels of the ischemic metabolites but, I cannot see these two presented separately. Same for Figure 1. On another note, I have detected 10 self citations among 32 references. I understand the need for citing previous research however, I found this a bit high compared to other articles I have reviewed.



RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastrointestinal Pathophysiology

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Reviewer's Country/Territory: Turkey

Author's Country/Territory: Denmark

Manuscript submission date: 2020-10-26

Reviewer chosen by: Chen-Chen Gao

Reviewer accepted review: 2020-12-01 05:23

Reviewer performed review: 2020-12-01 08:37

Review time: 3 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent [] Grade B: Very good [] Grade C: Good [] Grade D: Fair [] Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing [] Grade B: Minor language polishing [] Grade C: A great deal of language polishing [] Grade D: Rejection
Conclusion	[] Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) [] Minor revision [] Major revision [] Rejection
Peer-reviewer statements	Peer-Review: [] Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: [] Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS



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Well done with the revisions. Best of luck with your research!