

## 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

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<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 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

<b>Scientific quality</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input 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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Peer-reviewer statements</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> 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!