



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 54223

**Title:** Pancreatic necrosis and the severity were the independent risk factors of endocrine pancreatic insufficient after acute pancreatitis: a prospective long-term follow-up study

**Reviewer's code:** 01125451

**Position:** Editorial Board

**Academic degree:** FACG, FRCP (Hon), MD

**Professional title:** Professor

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

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

**Manuscript submission date:** 2020-01-22

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-01-23 10:06

**Reviewer performed review:** 2020-01-23 10:49

**Review time:** 1 Hour

<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 Grade E: Do not publish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 type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input 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



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#### **SPECIFIC COMMENTS TO AUTHORS**

The authors report occurrence of endocrine dysfunction in 361 patients of acute pancreatitis. They found 41.6% of their patients to have either diabetes or glucose intolerance. The study has a large number of patients with upto 7 years follow up. There are a few clarifications needed: What were the co-morbidities; how many patients had pre existent diabetes. secondly did the authors correlate length of follow up with dysglycemia. from the data give it seems that patients with a follow up of less than one year had the highest prevalence of DM Do the authors think that there could be beta cell regeneration on a longer follow up? The authors need to compare tests used by them for detecting glycemia with those used in previous studies. The discussion should be focussed only on their results pertaing to aims of the study , there is little point in discussing etiology or proportion of mild disease.



### PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 54223

**Title:** Pancreatic necrosis and the severity were the independent risk factors of endocrine pancreatic insufficient after acute pancreatitis: a prospective long-term follow-up study

**Reviewer's code:** 02461932

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Assistant Professor

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

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

**Manuscript submission date:** 2020-01-22

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-01-22 15:33

**Reviewer performed review:** 2020-01-24 06:55

**Review time:** 1 Day 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 type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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 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



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#### **SPECIFIC COMMENTS TO AUTHORS**

The authors conducted a prospective observational long-time follow-up study that aimed to assess the impact of risk factors on the developing endocrine pancreatic insufficiency after acute pancreatitis. They found that potential risk factors for endocrine pancreatic insufficiency after acute pancreatitis were severity and pancreatic necrosis of acute pancreatitis. The topic is interesting and I think this would be of interest of the readers of World Journal of Gastroenterology. First of all, there are so many grammatical errors and immature sentences that are difficult to know the correct meaning throughout the abstract and main text. You had better consult a professional scientific editing service. Add 'multivariate analysis revealed' in Results so that it readers can know that it refers to independent risk factors of endocrine pancreatic insufficiency after acute pancreatitis. 'The area' of pancreatic necrosis is not mentioned in Result.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 54223

**Title:** Pancreatic necrosis and the severity were the independent risk factors of endocrine pancreatic insufficient after acute pancreatitis: a prospective long-term follow-up study

**Reviewer's code:** 02461932

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Assistant Professor

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

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

**Manuscript submission date:** 2020-01-22

**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2020-04-02 05:15

**Reviewer performed review:** 2020-04-02 13:01

**Review time:** 7 Hours

<b>Scientific quality</b>	<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
<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 checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS



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The authors revised the manuscript as the reviewers indicated.