

## PEER-REVIEW REPORT

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

**Manuscript NO:** 53074

**Title:** The severity of acute gastrointestinal injury grade is a good predictor of mortality in critically ill patients with acute pancreatitis

**Reviewer's code:** 00502802

**Position:** Editorial Board

**Academic degree:** DNB, FCCP, MBBS

**Professional title:** Doctor

**Reviewer's country:** India

**Author's country:** China

**Reviewer chosen by:** Artificial Intelligence Technique

**Reviewer accepted review:** 2019-12-04 13:50

**Reviewer performed review:** 2019-12-06 16:45

**Review time:** 2 Days and 2 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" 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 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



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The manuscript is well researched and written. However, I have a few queries 1. The commonest cause for AP was hyperlipidemia? How was this diagnosis made? If this is true, these results may not be generalised to other populations. This should be mentioned in the limitations. 2. How was the diagnosis of infective necrosis made?

#### **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 Gastroenterology

**Manuscript NO:** 53074

**Title:** The severity of acute gastrointestinal injury grade is a good predictor of mortality in critically ill patients with acute pancreatitis

**Reviewer's code:** 03647305

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Associate Professor, Director, Doctor, Lecturer

**Reviewer's country:** Turkey

**Author's country:** China

**Reviewer chosen by:** Artificial Intelligence Technique

**Reviewer accepted review:** 2019-12-10 20:15

**Reviewer performed review:** 2019-12-10 20:34

**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 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

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A very valuable study that compares traditional scales for a simpler predictive and feasible tool.

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

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

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- ☐ No

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

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- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 53074

**Title:** The severity of acute gastrointestinal injury grade is a good predictor of mortality in critically ill patients with acute pancreatitis

**Reviewer's code:** 00058678

**Position:** Editorial Board

**Academic degree:** MD, President

**Professional title:** Director, Professor

**Reviewer's country:** Taiwan

**Author's country:** China

**Reviewer chosen by:** Jie Wang

**Reviewer accepted review:** 2019-12-08 18:23

**Reviewer performed review:** 2019-12-11 09:49

**Review time:** 2 Days and 15 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" 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 checked="" 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 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

In this retrospective study, Ding et al. incorporate acute gastrointestinal injury (AGI) grade to predict the mortality of severe acute pancreatitis. It showed AGI scores III/IV were associated with a significantly higher mortality rate in ICU acute severe pancreatitis patients. Comments 1. The percentage of hypertriglyceridemia related to acute pancreatitis is much higher than in other studies (line 112). Do authors have etiologies of hypertriglyceridemia (medication, poor control DM, alcohol use, familial hypertriglyceridemia) and more detail levels of serum triglyceride (TG)? In our experience, high serum TG level is related to poor outcome and in the acute stage of pancreatitis, and prolonged high level of TG might be related to prolonged feeding intolerance. The author may need to check if hypertriglyceridemia is a confounder or effect modifier. (Ex. By performing chi2 squared test stratified by hypertriglyceridemia, we can know whether hypertriglyceridemia is a confounding factor for AGI and mortality. If the odds changes a lot from the original odds, crude odds, hypertriglyceridemia may be confounder or effect modifier.) If hypertriglyceridemia is a confounding factor or effect modifier, the author needs to mention it in the discussion. 2. In AGI grade III (n=93), how many patients underwent nasojejunal (NJ) feeding? Are there any difference in outcomes of infections and mortality between patients with/without NJ feeding? This can be mentioned in the result and discussion. 3. In the final paragraph, the first statement can be more specific rather than the statement "In conclusion, the AGI grade is useful for assessing the severity of GI dysfunction and could be used as a predictor of mortality in critically ill patients with AP."

## INITIAL REVIEW OF THE MANUSCRIPT

### *Google Search:*

[ ] The same title

[ ] Duplicate publication



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☐ Plagiarism

☐ No

***BPG Search:***

☐ The same title

☐ Duplicate publication

☐ Plagiarism

☐ No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 53074

**Title:** The severity of acute gastrointestinal injury grade is a good predictor of mortality in critically ill patients with acute pancreatitis

**Reviewer's code:** 00227375

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Doctor

**Reviewer's country:** Japan

**Author's country:** China

**Reviewer chosen by:** Jie Wang

**Reviewer accepted review:** 2019-12-07 09:26

**Reviewer performed review:** 2019-12-12 11:35

**Review time:** 5 Days and 2 Hours

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 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 type="checkbox"/> Advanced
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This is an interesting manuscript about the association between acute gastrointestinal injury (AGI) grade and clinical outcomes in critically ill patients with acute pancreatitis. The data demonstrated that the AGI grade was more useful for predicting mortality. This manuscript is nicely structured and well written. However, I have a few minor comments about this manuscript. Please consider the following comments. (Comment)

1. All through the manuscript (include Table) The authors should correct “p =0.000” to “p <0.001”. 2. Figure 1 I think “Exclusion” or “Exclude” should be substituted for “Inclusion”.

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

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

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## PEER-REVIEW REPORT

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

**Manuscript NO:** 53074

**Title:** The severity of acute gastrointestinal injury grade is a good predictor of mortality in critically ill patients with acute pancreatitis

**Reviewer's code:** 02954022

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Associate Professor

**Reviewer's country:** United States

**Author's country:** China

**Reviewer chosen by:** Artificial Intelligence Technique

**Reviewer accepted review:** 2019-12-03 10:43

**Reviewer performed review:** 2019-12-12 21:43

**Review time:** 9 Days and 11 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input 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 type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
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The manuscript studies the relationship between GI dysfunction and outcomes of AP among those hospitalized to the ICU. The analyses includes a multivariate analysis showing independent association with mortality. Other than the fact that this is a retrospective study, the manuscript is well written, analyses are adequate, and the conclusions drawn are appropriate. I do not see any major methodological issues in the manuscript.

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