

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 64116

Title: Effects of acute kidney injury on acute pancreatitis patients' survival rate in intensive care unit: A retrospective study

Reviewer's code: 02998430

Position: Peer Reviewer

Academic degree: FEBG, MD, PhD

Professional title: Professor

Reviewer's Country/Territory: France

Author's Country/Territory: China

Manuscript submission date: 2021-03-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-08 00:15

Reviewer performed review: 2021-03-31 13:08

Review time: 23 Days and 12 Hours

Scientific quality	<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 Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	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

This is an interesting study about the survival rate of acute pancreatitis patients in ICU. Hypertriglyceridemia is a high-risk factor for acute pancreatitis and may lead to direct damage to pancreas and pancreatic exocrine function. The earlier identification and appropriate use of intensive care support can be conducive to prevent further disease progression, thereby improving acute pancreatitis patients' prognosis. At present, acute kidney injury is mainly diagnosed based on the criteria. The acute kidney injury can deteriorate acute pancreatitis patient's medical status and is an independent risk factor for increased mortality and development of chronic kidney disease. In this study, the authors assessed the influences of acute kidney injury on the survival rate in acute pancreatitis patients. This retrospective study is very well designed. The methods are clearly described. The prognostic indicators, the factors influencing ICU patients' survival rate, and the risk thresholds of the related factors were analyzed. The results are very good, and well discussed. After a minor revision, this manuscript can be accepted for publication. Comments: 1. Manuscript requires a minor editing. Some minor language polishing should be corrected. 2. Data in tables are very good. However, the structure of the tables should be modified. 3. References list are updated.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 64116

Title: Effects of acute kidney injury on acute pancreatitis patients' survival rate in intensive care unit: A retrospective study

Reviewer's code: 02943694

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor, Research Scientist

Reviewer's Country/Territory: Germany

Author's Country/Territory: China

Manuscript submission date: 2021-03-04

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Scientific quality	<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
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	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

This study attempted to clarify the influences of AKI on the acute pancreatitis patients' survival rate. The results showed that acute pancreatitis patients with AKI owned lower SICU survival's rate and worse clinical outcomes than acute pancreatitis patients without AKI. And the authors found that the prevention of AKI is clinically important in the acute pancreatitis patients. This study is excellent, and the results can bring some new sight to clinicians for the treatment of acute pancreatitis. No specific comments.