

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

NO: 64116

Dear editors,

We thank you for your careful consideration of our manuscript. We appreciate your response and overall positive initial feedback and made modifications to improve the manuscript. After carefully reviewing the comments made by the Reviewers, we have modified the manuscript to improve it.

We hope that you will find the revised paper suitable for publication, and we look forward to contributing to your journal. Please do not hesitate to contact us with other questions or concerns regarding the manuscript.

Best regards

Yours sincerely,

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Peer-review report(s):

Reviewer #1:

Scientific Quality: Grade A (Excellent)

Language Quality: Grade B (Minor language polishing)

Conclusion: Accept (General priority)

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.

Response: *Thanks for your comment and your positive feed back for our manuscript.*

Reviewer #2:

Scientific Quality: Grade B (Very good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

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.

Response: Thanks for your comment .

- 1. We have checked the manuscript again to correct any typos we have found.*
- 2. As you indicated, we have tried to restructured the tables and the table 6 is deleted as the content is quite little and the content was already instructed in the manuscript.*
- 3. For the reference, we checked that all necessary references are listed here. And have you any other suggestions, we are quite pleased to receive some suggestions from you. Thanks.*