

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 69419

Title: Serum magnesium level as a predictor of acute kidney injury in patients with acute pancreatitis

Reviewer's code: 02539765

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2021-06-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-07-01 15:09

Reviewer performed review: 2021-07-10 17:30

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Scientific quality	<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 Grade E: Do not publish
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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input 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

The authors have raised an important point, however the study methodology is weak. AKI in SAP patients is caused by a variety of factors. In a retrospective analysis, it is difficult to take into account all of them. Furthermore, in critically ill patients, serum magnesium levels are a dynamic measure that is affected by a variety of circumstances. As a result, a study relying on a single baseline value may yield incorrect conclusions. Because I couldn't find tables and figures in the text or attachment files, I couldn't make sense of the full paper. Has it gone missed in some way? The authors should specify how many patients with low serum magnesium levels developed AKI versus those with levels above the cut-off. What was the time between the detection of low serum magnesium and the onset of AKI? The grammar of English (verbs, tenses, and so on) needs to be improved. English grammar (phrases, tense etc) needs improvement. The title "Serum magnesium as an indicator of acute kidney injury prediction in acute pancreatitis patients" can be better represented as "Serum magnesium level as an predictor of acute kidney injury in patients with acute pancreatitis."