

PEER-REVIEW REPORT

Name of journal: *World Journal of Hepatology*

Manuscript NO: 68198

Title: Predictors of Mortality at 28-days in Infection associated Acute Kidney Injury in Cirrhosis

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05566451

Position: Editorial Board

Academic degree: PhD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: India

Manuscript submission date: 2021-05-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-06-02 02:47

Reviewer performed review: 2021-06-05 14:43

Review time: 3 Days and 11 Hours

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 Grade E: Do not publish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 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
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

Acute kidney injury (AKI) in cirrhosis is associated with poor outcomes. The authors aimed to evaluate predictors of mortality in patients with infection-associated AKI. The results suggest that infection with AKI in cirrhosis has a dismal prognosis with higher 28-day mortality as compared to noninfection AKI. Serum bilirubin and the presence of HE predicted 28-day mortality in infection AKI. The concept is interesting, but in the current format there are several concerns that need to be addressed. 1.The authors do not need to describe the results too much in the text, but just use tables to express them. 2.The number of cases is limited, increasing the number of cases is more convincing. 3. Please check the Spelling and Punctuation.

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Title: Predictors of Mortality at 28-days in Infection associated Acute Kidney Injury in Cirrhosis

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 01588319

Position: Editorial Board

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: India

Manuscript submission date: 2021-05-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-05-19 05:58

Reviewer performed review: 2021-06-17 03:21

Review time: 28 Days and 21 Hours

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
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SPECIFIC COMMENTS TO AUTHORS

Comments: 1. This is an interesting study regarding the evaluation of predictors of mortality among patients with cirrhosis and AKI. The relevant descriptions in the "Abstract" section have to be clarified according to the corresponding contents in the "Materials and Methods". For example, infection and non-infection? 2. The "RESULTS" of the "Abstract" section has to be concise. 3. Why the authors did not measure the "PAMPs" and "DAMPs" in the present study? 4. The major endpoint of this study is "mortality", why the authors only exclude those with HCC? How about other cancers? 5. All variables with $P < 0.1$ in univariate analysis were included in multivariate regression analysis. Please explain why p value < 0.1 ? 6. In the "Discussion" section, the authors mentioned about "It is also important that once infection recovered then there was no difference in three-month mortality". Based on the findings of the present study, it is not appropriate to make this interpretation. 7. In the "Limitations", why the data on beta blockers was not available at baseline is a limitation?