

PEER-REVIEW REPORT

Name of journal: *World Journal of Virology*

Manuscript NO: 86566

Title: Association between alcohol-associated cirrhosis and inpatient complications among COVID-19 patients: A propensity-matched analysis from the United States

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02888255

Position: Peer Reviewer

Academic degree: FCCP, MBBS, MD

Professional title: Chief Doctor

Reviewer's Country/Territory: United Arab Emirates

Author's Country/Territory: Pakistan

Manuscript submission date: 2023-06-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-06-28 01:11

Reviewer performed review: 2023-07-05 19:29

Review time: 7 Days and 18 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 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

SPECIFIC COMMENTS TO AUTHORS

I had an opportunity to peer-review this manuscript on impact of Alcoholic cirrhosis on the outcomes of COVID-19. Overall the manuscript adds new information. However there are few areas which needs further discussion and clarification

1. Introduction: "While hepatitis has been" here it should be viral hepatitis. How the impact of changing epidemiology of Cirrhosis will impact the hepatic involvement of COVID-19 in patients with Alcoholic Cirrhosis. It is worth including this paper on highlighting the increase susceptibility of patients with Cirrhosis and SARS-CoV-2 and worse outcomes. <https://pubmed.ncbi.nlm.nih.gov/34131467/> Methods: primary outcomes include sociodemographic outcomes. Define these outcomes. Median inpatient charges also need definition. Mortality was ICU or hospital moratlity? PSM was done only on comorbidities and sociodemographic characyeristics. What about the severity of COVID 19 ? Discussion: Incrase in alcohol intake in this age-group might have aggravated the disease burden. This statments needs a reference. Increase susceptibility of Patients with Cirrhosis to SARS-CoV-2 need further explanation. Review this paper for various mechanism of infection.<https://pubmed.ncbi.nlm.nih.gov/36188744/> In the future, AC

patients might have a higher mortality rate than non-AC patients due to being denied new pharmacological treatment in the presence of cirrhosis. Where this came from? no reference on this.

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Title: Association between alcohol-associated cirrhosis and inpatient complications among COVID-19 patients: A propensity-matched analysis from the United States

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00740229

Position: Peer Reviewer

Academic degree: PhD

Professional title: Chief Doctor, Director

Reviewer's Country/Territory: Spain

Author's Country/Territory: Pakistan

Manuscript submission date: 2023-06-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-07-06 05:45

Reviewer performed review: 2023-07-11 11:14

Review time: 5 Days and 5 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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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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

SPECIFIC COMMENTS TO AUTHORS

This article by Ynayat et al. is well written and argued. However, for the sake of improving the manuscript I suggest the following modifications. Perhaps the title should be more explicit and show the final conclusions. For example, "Association between inpatients complications among Covid19 patients with alcoholic-associated cirrhosis:..." There is an interesting article in alcoholic-associated cirrhosis in liver transplant that is not cited in you paper. You should cite it in my opinion. Bolarín JM, et al. Causes of Death and Survival in Alcoholic Cirrhosis Patients Undergoing Liver Transplantation: Influence of the Patient's Clinical Variables and Transplant Outcome Complications. *Diagnostics* (Basel). 2021 May 27;11(6):968. doi: 10.3390/diagnostics11060968.