# PEER-REVIEW REPORT

**Name of journal:** *World Journal of Virology*

**Manuscript NO:** 91149

**Title:** Impact of Metabolic Dysfunction-Associated Steatotic Liver Disease on COVID-19 Hospitalizations: A Propensity-Matched Analysis of the United States

**Provenance and peer review**: Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06473485

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Doctor, Lecturer, Research Associate

**Reviewer's Country/Territory:** Malaysia

**Author's Country/Territory:** United States

**Manuscript submission date:** 2023-12-24

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-12-28 02:56

**Reviewer performed review:** 2023-12-28 03:09

**Review time:** 1 Hour

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|---|---|
| **Scientific quality** | [  ] Grade A: Excellent   [ Y] Grade B: Very good   [  ] Grade C: Good <br> [  ] Grade D: Fair   [  ] Grade E: Do not publish |
| **Novelty of this manuscript** | [  ] Grade A: Excellent   [ Y] Grade B: Good   [  ] Grade C: Fair <br> [  ] Grade D: No novelty |
| **Creativity or innovation of this manuscript** | [  ] Grade A: Excellent   [ Y] Grade B: Good   [  ] Grade C: Fair <br> [  ] Grade D: No creativity or innovation |

| Scientific significance of the conclusion in this manuscript | [  ] Grade A: Excellent     [ Y] Grade B: Good       [  ] Grade C: Fair  [  ] Grade D: No scientific significance |
|---|---|
| **Language quality** | [ Y] Grade A: Priority publishing   [  ] Grade B: Minor language polishing   [  ] Grade C: A great deal of language polishing   [  ] Grade D: Rejection |
| **Conclusion** | [  ] Accept (High priority)   [ Y] Accept (General priority)  [  ] Minor revision   [  ] Major revision   [  ] Rejection |
| **Re-review** | [  ] Yes   [ Y] No |
| **Peer-reviewer statements** | Peer-Review: [ Y] Anonymous   [  ] Onymous |
|  | Conflicts-of-Interest: [  ] Yes   [ Y] No |

## SPECIFIC COMMENTS TO AUTHORS

Dear authors, glad to know that despite limitations, your study is the first to analyze and summarize national data on the impact of COVID-19-related hospitalizations in patients with MASLD during the early pandemic phase. Perhaps state that if genetic variances would affect MASLD and COVID-19 severity. Also, discuss on future studies, prospects and contribution in this area. All the best in your publication.