



PEER-REVIEW REPORT

Name of journal: *World Journal of Virology*

Manuscript NO: 79220

Title: Cholestatic liver injury: A rare but fatal complication during and after COVID-19 infection

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02936511

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: Thailand

Manuscript submission date: 2022-08-09

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-12 00:08

Reviewer performed review: 2022-08-13 09:19

Review time: 1 Day and 9 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 Grade E: Do not publish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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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 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



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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 paper make a review for cholestatic injury when COVID-19 infection. In title: Cholestatic liver injury: A rare but fatal complication during and after COVID-19 infection. This is a interesting issue, talking about the mechanism from viral infection ,ischemic injury , drug induce hepatitis, change of gut micromiota and cytokine releasing syndrome. Authors did a delicate review.



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Peer-review model: Single blind

Reviewer's code: 06208740

Position: Peer Reviewer

Academic degree: PhD

Professional title: Associate Professor, Full Professor, Nurse

Reviewer's Country/Territory: Portugal

Author's Country/Territory: Thailand

Manuscript submission date: 2022-08-09

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-11 09:50

Reviewer performed review: 2022-08-18 10:57

Review time: 7 Days and 1 Hour

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
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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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

This is an important study in an under-researched area of the world. The manuscript is written and will serve a broad audience of students, researchers, and practitioners. However, unfortunately, there are a considerable number of major flaws in this study, which seriously diminish the validity of the work, as noted below: - The article as it is constructed looks more like a reflection than a review. The main and fundamental purpose of writing a review is to create a readable synthesis of the best resources available in the literature for an important research question or a current area of research. Given the approach to a narrative/integrative review it seems to me important to provide an explicit statement of questions being addressed with reference to participants, interventions, comparisons, outcomes (e.g., PICO acronym). - Discuss retrieval of references and handling, including inclusion and exclusion criteria (i.e., how the analysis was conducted, including judgment of quality of papers included in the literature review). I suggest a better explanation of the criteria for inclusion/exclusion (e.g. PICO method) used in the selection of the studies analyzed. It would be important to define whether this sample resulted in a basic research/ individual from each descriptor or is an advanced search and resulted therefore the intersection of different descriptors (e.g. Boolean method). Present full electronic search strategy, such that it could be repeated. Describe the results of the search and selection process, from the number of records identified in the search to the number of studies included in the review, ideally using a flow PRISMA diagram (in a supplementary file, for a better analysis). - The search strategies may not be sufficient and may be overly simple. It is useful to include keywords, but you don't mention the Mesh terms. - PubMed is not a database...but a



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search engine... Medline is... Have you considered to include ISI web of science? -
Describe method of data extraction from reports (e.g., piloted forms, independently, in
duplicate) and any processes for obtaining and confirming data from investigator. -
Implications for practice and research need addressed in more deep. - Lastly, the
abstract does not adequately reflect the methodology used in the development of the
review. Must be reviewed.