

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 86017

Title: Hepatitis B virus infection in patients with Wilson disease: A large retrospective study

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00070191

Position: Editorial Board

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: China

Manuscript submission date: 2023-06-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-06-05 08:33

Reviewer performed review: 2023-06-07 12:40

Review time: 2 Days and 4 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 Grade E: Do not publish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
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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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

(1) The manuscript's overall structure is complete and contains a title, abstract, keywords, core tip, introduction, case presentation and results, discussion, acknowledgments, and references. (2) The scientific question emphasizes HBV infection's prevalence and clinical impact on Wilson disease (WD). This is presented in the introduction section, along with the relevant background, rationale, aim, significant findings, and potential significance of the study. Therefore, this section is suitable to attract readers' attention. (3) The methods and techniques adopted in the paper are presented in the Methods section. Besides, the manuscript provides adequate details of methods to allow a reader to repeat the research. (4) The data source is reliable and indicated by the information presented in the study. (5) The manuscript interprets the findings adequately and appropriately, highlighting the key points concisely, clearly, and logically. The results and their applicability/relevance to the literature are stated clearly. (6) The discussion accurately presents the study's scientific significance and/or relevance to clinical practice. (7) The conclusion of the case presentation is presented. This section should be ameliorated to inform the readers briefly about the contributions of the data to the field. Besides, the



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future research directions should be given in detail. (8) The manuscript cites all critical, relevant, and timely references. (9) There is no indication of academic misconduct in the study. (10) The manuscript contributes to understanding the presence of WD in patients with CHB. Besides, it highlights the importance of HBV infection as a significant risk factor for severe liver injury in patients with WD. (11) The manuscript describes an essential direction of research. (12) The title of the manuscript does not contain grammatical errors. (13) The manuscript falls within the scope of WJG (14) The language of the paper needs to reach the standard of publishing, and minor revisions are required. Peer-reviewer's Conclusion: The manuscript falls within the scope of WJG. The experiences and lessons presented in the manuscript improve the readers' practice. The content of the manuscript has value for publication.

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Reviewer's code: 05123114

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Pakistan

Author's Country/Territory: China

Manuscript submission date: 2023-06-04

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-06-26 08:35

Reviewer performed review: 2023-07-04 11:30

Review time: 8 Days and 2 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
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	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Title: Hepatitis B virus infection in patients with Wilson disease: a large retrospective study
Manuscript ID: 86017 Clinical Trials Study Name of Journal: World Journal of Gastroenterology
Reviewer Comments: The findings of the current study revealed the prevalence and clinical impact of HBV infection in patients with WD. Study findings indicate that the prevalence of HBV infection stratified by sex and age in patients with WD is similar to that in the general population. The diagnosis of WD in CHB patients is usually missed. HBV infection is an independent risk factor for severe liver disease in WD patients. The diagnosis of WD should be ruled out in some patients with CHB infection. Overall, the article is informative and well written, and easy to understand. I would suggest this manuscript be published in your Journal.