

PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 64838

Title: Kidney transplant from donors with hepatitis B: A challenging treatment option

Reviewer's code: 05270042

Position: Editorial Board

Academic degree: PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Viet Nam

Author's Country/Territory: Thailand

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Reviewer chosen by: AI Technique

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Reviewer performed review: 2021-04-26 15:38

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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 Grade E: Do not publish
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 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 is a very interesting topic, and it is essential in clinical practice. The authors have carefully analyzed the necessary steps for kidney recipients and kidney donors with HBV infection. However, some issues need to be discussed more thoroughly: 1. The criteria for recipients of a kidney transplant from a donor with HBV infection should be mentioned. For example, recipients must not have HCV co-infection, chronic liver diseases, or some specific other diseases. 2. Recipients of kidney transplants from donors with HBV infections have to be vaccinated, receive HBIG and antiviral treatment, and be closely monitored after the transplantation. Moreover, the authors should compare costs of transplantation with costs of care of a patient on the waiting list. We may have new criteria for urgent cases when HBV-infected donors may be used, or if it is possible, the waiting list could be an option to wait for an HBV-free donor.