



PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 36432

Title: Reactivation of Hepatitis B After Liver Transplantation: Current Knowledge, Molecular Mechanisms and Implications in Management

Reviewer's code: 00504591

Reviewer's country: Japan

Science editor: Li-Jun Cui

Date sent for review: 2017-11-02

Date reviewed: 2017-11-03

Review time: 1 Day

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

Chauhan et al described a review regarding the HBV recurrence after liver transplantation. 1. (P5 and 6) The integration in the host liver genome is specific to the liver transplantation setting? If no, the(P section should be deleted or shorted. 2. (P9) The section Prophylaxis for HBV reactivation after liver transplantation In some subsections, A or B is attached and in the others, no symbols are attached. Please unify or explain the relationship among the subsections on the section Prophylaxis for HBV reactivation after liver transplantation. 3. (Figure 2) Please explain the reason why no prophylaxis is needed when anti HBc and anti HBs are positive.



PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 36432

Title: Reactivation of Hepatitis B After Liver Transplantation: Current Knowledge, Molecular Mechanisms and Implications in Management

Reviewer's code: 00722050

Reviewer's country: Canada

Science editor: Li-Jun Cui

Date sent for review: 2017-11-02

Date reviewed: 2017-11-04

Review time: 2 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

The manuscript dealing with Reactivation of Hepatitis B After Liver Transplantation is an important contribution. The manuscript can be improved targeting three aspects. The first aspect is the pediatric one that needs to be expanded. The second is the occurrence of genomic mutations such as single nucleotide insertion in the 5'-untranslated region of hepatitis C virus with clearance of the viral RNA in a liver transplant recipient during acute HBV superinfection (please read and cite this article in Liver 2002: Liver. 2002 Feb;22(1):79-82. PMID: 11906622). The superinfection needs to be highlighted in the manuscript and it will make a comprehensive manuscript. The third is the lack of histologic figures. I think it would be very beneficial if the authors liaise with a local pathologist to show the reactivation using some slides of re-activation by immunohistochemistry or in situ hybridization.



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PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 36432

Title: Reactivation of Hepatitis B After Liver Transplantation: Current Knowledge, Molecular Mechanisms and Implications in Management

Reviewer's code: 01551089

Reviewer's country: China

Science editor: Li-Jun Cui

Date sent for review: 2017-11-02

Date reviewed: 2017-11-09

Review time: 6 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> Plagiarism	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Hepatitis B infection is a major cause of liver cirrhosis and hepatocellular carcinoma. Liver transplantation is the final treatment to patients with liver failure, liver cirrhosis and hepatocellular carcinoma. So, antiviral treatment after liver transplantation is critical to improve the effect of this operation. This review summaries a total of three important parts which include molecular mechanisms of HBV reactivations, patients with immunosuppression theory, and prophylaxis for HBV reactivation after liver transplantation. This review demonstrates the existing problem and promotes us to have a further intensive study. However, there are three points of this study should be paid attention to. Firstly, this review lacks abstract and key words, which are important parts of a research. Secondly, the title of figures should not be written on the picture. Finally, as a review, it would be more helpful to have a figure which can conclude all parts you



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want to describe.



PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 36432

Title: Reactivation of Hepatitis B After Liver Transplantation: Current Knowledge, Molecular Mechanisms and Implications in Management

Reviewer's code: 02528832

Reviewer's country: Spain

Science editor: Li-Jun Cui

Date sent for review: 2017-11-02

Date reviewed: 2017-11-11

Review time: 9 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
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		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Perhaps the authors could add some comments about the role of co-existing delta virus infection, and also about the influence of some genetic variations of the host genotype, since there are some studies that suggest a modulation of the outcome of LT-HBV patients. Globally, I find the review updated, interesting and well-structured.