



ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology
ESPS manuscript NO: 33164
Title: Early acute kidney injury after liver transplantation: Predisposing factors and clinical implications
Reviewer's code: 03648086
Reviewer's country: United States
Science editor: Fang-Fang Ji
Date sent for review: 2017-02-09 09:36
Date reviewed: 2017-02-16 07:58

Table with 4 columns: CLASSIFICATION, LANGUAGE EVALUATION, SCIENTIFIC MISCONDUCT, CONCLUSION. It contains checkboxes for various review criteria like 'Grade A: Excellent', 'Priority publishing', 'Google Search', 'Accept', etc.

COMMENTS TO AUTHORS

Review report: This retrospective study has analyzed a cohort of 116 consecutive patients from a single center in the UK, with regards in the incidence of early acute kidney injury (AKI) post orthotopic liver transplantation (OLT), associations between AKI and hepatic ischemia reperfusion injury (HIRI), and potential risk factors. The study was conducted well in terms of identifying the predictors for and impact of HIRI on early AKIs. However, when discussing the influence of pre-operative renal dysfunction (PRD) on AKI occurrence, the authors might have messed up some definitions/concepts. The referenced [28] study identified the PRD as a sole predictor for the need of renal replace therapy (RRT) on patients who underwent OLT within the first week post OLT. The current study did not find the PRD for prediction of early AKI, as it has set the end point at the day 1 post OLT for and counted on the occurrence of early AKI but not on the need for the RRT. Thus, there are fundamental differences by both time frame for and severity in AKIs post OLT between the studies. Is it possible for authors to perform a similar analysis on the needs for RRT one week post OLT and to find out what might be the key predictors for a need of the RRT in their cohort? Minor



## BAISHIDENG PUBLISHING GROUP INC

8226 Regency Drive, Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: [bpgoffice@wjgnet.com](mailto:bpgoffice@wjgnet.com)

<http://www.wjgnet.com>

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revisions: On page 5, the “AST 1000-2000iu/L” should be “AST 1000-5000iu/L”. If authors consolidate Figures 1, 3, Figures 2, 4, 6, 7, Figures 5, 8, 9, and Figures 10, 11, 12 into 4 final figures, it will be more efficient to convey the key results and would be good for readers to conclude the key findings easier.



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8226 Regency Drive, Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: bpgoffice@wjgnet.com

http://www.wjgnet.com

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Hepatology

**ESPS manuscript NO:** 33164

**Title:** Early acute kidney injury after liver transplantation: Predisposing factors and clinical implications

**Reviewer's code:** 03537672

**Reviewer's country:** Japan

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2017-02-09 09:36

**Date reviewed:** 2017-02-17 12:58

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" 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 checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

### COMMENTS TO AUTHORS

1. The case number seems small and the study period is short. Why not including more patients expanding the study period? 2. Please present the data for all patients and for each group, separately. 3. Please present the intraoperative blood loss. 4. The text and figures for the association between DCD/DBD and HIRI may be deleted. The preceding analyses had already demonstrated that HIRI is independently associated with AKI rather than DCD/DBD. The aim of this study may not be comparing DCD and DBD. 5. There are too many figures. Please delete unnecessary figures. Figures comparing AKI vs no-AKI can be summarized in a table. Similarly, figures comparing the grade of HIRI (mild, moderate, and severe) can be summarized in a table.



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Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: bpgoffice@wjgnet.com

http://www.wjgnet.com

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Hepatology

**ESPS manuscript NO:** 33164

**Title:** Early acute kidney injury after liver transplantation: Predisposing factors and clinical implications

**Reviewer's code:** 03656240

**Reviewer's country:** China

**Science editor:** Fang-Fang Ji

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**Date reviewed:** 2017-02-19 18:42

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> [ Y] Accept
<input type="checkbox"/> [ Y] Grade B: Very good	<input type="checkbox"/> [ Y] 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		[Y] No	<input type="checkbox"/> [ ] Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

### COMMENTS TO AUTHORS

According to your study, a 24 hour post-operative serum AST was used as a measure of Ischemia Reperfusion Injury which correlated with the degree of AKI. How does this finding contributes to Current risk assessment and management of OLT associated HIRI in patients undergoing Liver transplant?