

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Transplantation

ESPS manuscript NO: 21537

Title: Potential approaches to improve the outcomes of donation after cardiac death liver grafts

Reviewer's code: 00005191

Reviewer's country: United States

Science editor: Xue-Mei Gong

Date sent for review: 2015-07-19 16:28

Date reviewed: 2015-08-10 18:39

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"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
		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

The manuscript offers an overview of the attempts to improve the quality of donation after cardiac death liver grafts and liver transplant outcomes, by means of innovative preservation techniques. Both the goal and the content of the paper deserve attention and are worth publication. However, the manuscript requires minor editing because there are few mistakes or imprecisions. For example: - the word "increase" is often mis-spelled ("increas"); - in the Introduction section, line 4, "has been increased" should be "has increased"; - in the "Characteristics of DCD Donors" section, line 2, "in 1990s" should read "in the 1990s"; - in the "Oxygenated cold storage (Persufflation)" section, line 8, "by Fischer group" should be "by the Fischer group"; - in the "Oxygenated cold storage (Persufflation)" section, line 9, "large animal" should be plural "animals"; - - in the "Oxygenated cold storage (Persufflation)" section, line 12, "The livers underwent of..." do not require "of"; - in the "Hypothermic machine perfusion", line 10, "during four the weeks" obviously needs to be corrected into "during the four weeks". Once the imprecisions listed above are corrected, and after a complete abbreviations list is provided, the paper could be published, as it holds an important message.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Transplantation

ESPS manuscript NO: 21537

Title: Potential approaches to improve the outcomes of donation after cardiac death liver grafts

Reviewer's code: 02444986

Reviewer's country: Turkey

Science editor: Xue-Mei Gong

Date sent for review: 2015-07-19 16:28

Date reviewed: 2015-08-11 08:17

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input checked="" type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" 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"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
		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

authors reviewed the innovational methods for preserving livers from Donation after Cardiac Death (DCD). I suggest to add a table summering (dis)advantages of different methods.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Transplantation

ESPS manuscript NO: 21537

Title: Potential approaches to improve the outcomes of donation after cardiac death liver grafts

Reviewer's code: 02993037

Reviewer's country: Brazil

Science editor: Xue-Mei Gong

Date sent for review: 2015-07-19 16:28

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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 type="checkbox"/> Plagiarism	<input 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

Dear Authors, Liver graft improvement after ex vivo preservation interventions is an issue under expansion that has gained great interest recently . In this way, the topic choosen by the authors is attractive not only for those ones interested in improving the quality of the DCD donors, but also to the transplant centers seeking to rescue grafts with expanded criteria. However, there are a couple of topics that should be included and explored in order to expand the interest of the manuscript. Ex vivo perfusion techniques have demonstrated positive results also with kidney grafts. Thus, the authors might include a paragraph exploring the differences between liver and kidney ex vivo perfusion interventions. Although, there is enough evidence showing the protective effects of ex vivo perfusion methods, a few centers have used these strategies as a routine. Explain why there is no widespread use around the world of the Liver graft improvement after ex vivo preservation interventions is an issue under expansion that has gained great interest recently. In this way, the topic choosen by the authors is attractive not only for those ones interested in improving the quality of the DCD donors, but also to the transplant centers seeking to rescue grafts with expanded criteria.

However, there are a couple of topics that should be included and explored in order to expand the interest of the manuscript. Ex vivo perfusion techniques have demonstrated positive results also with kidney grafts. Thus, the authors might include a paragraph to explain the differences between liver and kidney ex vivo perfusion interventions. Although, there is enough evidence demonstrating the protective effects of the ex vivo perfusion methods, these strategies have been limited to a few centers. Explain why Liver graft improvement after ex vivo preservation interventions is an issue under expansion that has gained great interest recently. In this way, the topic chosen by the authors is attractive not only for those ones interested in improving the quality of the DCD donors, but also to the transplant centers seeking to rescue grafts with expanded criteria. However, there are a couple of topics that should be included and explored in order to expand the interest of the manuscript. Ex vivo perfusion techniques have demonstrated positive results also with kidney grafts. Thus, the authors might include a paragraph to explain the differences between liver and kidney ex vivo perfusion interventions. Although, there is enough evidence showing the protective effects of the ex vivo perfusion methods, these strategies are limited to some centers. without a widespread use around the world. Explain the reasons why ex vivo perfusion techniques have not reached a widespread use around the world.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Transplantation

ESPS manuscript NO: 21537

Title: Potential approaches to improve the outcomes of donation after cardiac death liver grafts

Reviewer's code: 00504828

Reviewer's country: United States

Science editor: Xue-Mei Gong

Date sent for review: 2015-07-19 16:28

Date reviewed: 2015-08-19 06:19

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" 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
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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

This mini-review describes the current status of organ transplantation and statistical numbers, emphasizing lack of donors. The manuscript focuses on several methods to preserve liver grafts from donors after cardiac death (DCD). There is no doubt that the manuscript will help provide a quick overview of currently available methods to store DCD liver grafts. The title is also very accurately reflects the focus and the content of the manuscript. Major comment: 1. None. Minor comments: 1. Do you think "DCD" is OK to use in the title instead of spelling it out? If the manuscript were published in liver transplantation journal, it would be fine, but not sure if "DCD" is a popular word across all transplantation fields. 2. Very minor formatting issue: It is probably better to add one spacing line between sections. I know it does not matter at the end, but it will help reviewers and publishers.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Transplantation

ESPS manuscript NO: 21537

Title: Potential approaches to improve the outcomes of donation after cardiac death liver grafts

Reviewer's code: 00504591

Reviewer's country: Japan

Science editor: Xue-Mei Gong

Date sent for review: 2015-07-19 16:28

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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
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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

The manuscript entitled, "Potential approaches to improve the outcomes of DCD liver grafts", reviewed the ways of the mechanical perfusion to improve the outcome of liver transplantation with DCD grafts. I have some comments. Comments to author 1. The references seem relatively old. Authors should stick to more recent literatures. Please re-survey the literatures. 2. Authors should discuss the abdominal regional perfusion when reviewing the way to improve outcome of DCD program.