

PEER-REVIEW REPORT

Name of journal: *World Journal of Transplantation*

Manuscript NO: 66762

Title: Multiorgan retrieval and preservation of the thoracic and abdominal organs in Maastricht III donors

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05122673

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Spain

Manuscript submission date: 2021-04-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-20 06:18

Reviewer performed review: 2021-04-28 08:55

Review time: 8 Days and 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" 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 Grade E: Do not publish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 type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous
	Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No

SPECIFIC COMMENTS TO AUTHORS

As we know, the thoraco-abdominal NRP technology is very novel, which is very helpful for the improvement and evaluation of abdominal organs, and increases the use of marginal donors. This article describes the indications and technical aspects of the simultaneous retrieval of thoracic and abdominal organs in Maastricht III donors, as well as the preservation of such organs until their implantation. Using thoraco-abdominal NRP technology to maintain the stability of the circulatory system, providing conditions for the procurement of the heart and lungs, improved the cardiopulmonary function of the donor and enhance the utilization rate of organs, this is a good improvement measure. There are still several points to be elaborated, 1. Are there other indicators besides ALT and AST to assess liver function; 2. Whether extending the length of NRP can improve liver and kidney function.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Spain

Manuscript submission date: 2021-04-05

Reviewer chosen by: Li-Li Wang

Reviewer accepted review: 2021-10-22 14:38

Reviewer performed review: 2021-10-22 14:39

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" 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
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

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No comment.