



**PEER-REVIEW REPORT**

**Name of journal:** *World Journal of Transplantation*

**Manuscript NO:** 92721

**Title:** Evolution of heart transplant donor characteristics in the 21st century: A United States single center’s experience

**Provenance and peer review:** Unsolicited manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer’s code:** 06455672

**Position:** Peer Reviewer

**Academic degree:** MHSc

**Professional title:** Professor

**Reviewer’s Country/Territory:** Portugal

**Author’s Country/Territory:** United States

**Manuscript submission date:** 2024-02-03

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2024-03-13 07:07

**Reviewer performed review:** 2024-03-25 15:57

**Review time:** 12 Days and 8 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Novelty of this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
<b>Creativity or innovation of this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation



<b>Scientific significance of the conclusion in this manuscript</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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**

Thank you very much for taking the time to review this manuscript. The title reflects the main subject of the manuscript. The abstract summarizes the work described in the manuscript, albeit very briefly, but does not present the objectives of the descriptive study. It merely states that it will describe the No keywords. The manuscript does not adequately describe the background, current status and importance of the study and half of the bibliography used is more than 5 years old. As this is such a topical subject, the bibliography used should be more up-to-date. The manuscript does not describe the methodological procedures or methods in adequate detail. The objectives of the research were not presented initially, although the authors said they were going to describe innovative procedures relating to the typology of donors for transplantation, so it is not known whether or not they achieved their objectives. Considering the description of what is done in the clinical center, there seems to be a great deal of innovation and immense progress in terms of research and action in this field. The manuscript interprets the results in a very insipid and summarized way, not highlighting the key points in a concise, clear and logical way. The results and their applicability/relevance to the



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literature are stated with enough scientific significance and/or relevance of the article to clinical practice. The figures and tables are sufficient, but could also be improved. Without calling into question the content or the veracity of what is described, the manuscript needs to be better organized in terms of structure and presentation. The language and grammar are precise and appropriate. No reference has been made to ethical considerations, so it is not known what requirements have been taken into account and whether the study has been approved by an ethics committee.



**RE-REVIEW REPORT OF REVISED MANUSCRIPT**

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**Provenance and peer review:** Unsolicited manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer’s code:** 06455672

**Position:** Peer Reviewer

**Academic degree:** MHSc

**Professional title:** Professor

**Reviewer’s Country/Territory:** Portugal

**Author’s Country/Territory:** United States

**Manuscript submission date:** 2024-02-03

**Reviewer chosen by:** Jing-Jie Wang

**Reviewer accepted review:** 2024-05-07 15:44

**Reviewer performed review:** 2024-05-08 10:31

**Review time:** 18 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

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

#### **SPECIFIC COMMENTS TO AUTHORS**

In general, I find the article very pertinent and very useful. It is well-written and easy to understand. As for the bibliography used, around 50% is more than 5 years old and some is more than 20 years old, so I wonder if there isn't more recent literature that could be used, considering the innovation of the subject. At no point is any reference made to the ethical considerations involved in the procedures presented in the manuscript. Considering the sensitivity of the subject, I think there should be a chapter on the ethical considerations or issues involved in the procedures presented and the difficulties or constraints involved in transplanting organs from this type of donor.