

Manuscript: 83435

Is peri-transplant blood transfusion associated with worse transplant outcomes? A retrospective study

Answering reviewers:

Dear editorial board at the World Journal of Translation.

Here are my point-by-point answers to the reviewers' comments:

Reviewer #1:

Scientific Quality: Grade B (Very good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: Thanks for submitting this manuscript. I have the following points to make.

1- Page 2 Methodology - 2nd Paragraph - This sentence needs rephrasing -". The control group included those who underwent kidney transplantation during the same period but didn't require kidney transplantation" as ".....same period but didnt require blood transfusion"

My reply: Thank you for indicating the mistake in this sentence, the sentence was rephrased to avoid confusions.

2. I am not an expert in statistics and I assume a statistician will also review the statistical aspects of this paper - as regards the calculation and interpretation of data.

My reply: sure, all the statistical studies were conducted by a qualified medical statistician.

Reviewer #2:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: This is a clinical study to address a very important aspect of transplantation. Transplant sensitization accelerates rejection is a big challenge in transplantation. This study revealed that peri-transplant blood transfusion does not sensitize the recipients to accelerate rejection. This is a very important finding. The title, data, conclusion and statistic analysis are reasonable. However, some important parts need to be addressed.

1. Figure legends lack of experimental detail, number of samples and statistic analysis.

My reply: thank you, I added more details to the figure's legend

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2. English writing errors should be corrected through this manuscript.

My reply: Thank you, this is done now and the whole manuscript was edited again by Editage (an English editing company that is recommended by the journal). I hope the manuscript is in a better shape now.

3. Some recent publications studied in the same aspect should be cited and discussed. i.e. Early Blood Transfusion After Kidney Transplantation Does Not Lead to dnDSA Development: The BloodIm Study. Jouve T, Front Immunol. 2022.

My reply: Thank you, this study was cited and added to references (reference 10).

Thank you and please don't hesitate to contact me for further inquiries.

Muhammad Bukhari