

PEER-REVIEW REPORT

Name of journal: *World Journal of Transplantation*

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Title: Exercise training in heart transplantation

Reviewer's code: 00502954

Position: Editorial Board

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Canada

Author's Country/Territory: Greece

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Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-23 14:22

Reviewer performed review: 2021-04-29 15:07

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Scientific quality	☐ Grade A: Excellent ☒ Grade B: Very good ☐ Grade C: Good ☐ Grade D: Fair ☐ Grade E: Do not publish
Language quality	☒ Grade A: Priority publishing ☐ Grade B: Minor language polishing ☐ Grade C: A great deal of language polishing ☐ Grade D: Rejection
Conclusion	☐ Accept (High priority) ☐ Accept (General priority) ☒ Minor revision ☐ Major revision ☐ Rejection
Re-review	☐ Yes ☒ No
Peer-reviewer statements	Peer-Review: ☒ Anonymous ☐ Onymous Conflicts-of-Interest: ☐ Yes ☒ No



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SPECIFIC COMMENTS TO AUTHORS

This is a good review on exercise in heart transplantation. The authors reviewed appropriate approaches for exercise training before and post transplantation. Furthermore, the authors noted that long-term follow-up data is incomplete and, therefore, further high quality and adequately-powered studies are needed. Although this is an informatic review, some parts could be improved. 1. Author should compare the effect of exercise on endothelium and myocyte respectively. 2. It would be important to discuss typical cardiovascular and musculoskeletal alterations. 3. Page 7, references should be cited after “Endothelial dysfunction is a major cause of disability and lower life expectancy in heart transplant recipients (Figure 1).”