

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 71372

Title: Cardiac rehabilitation in a heart failure patient with left ventricular assist device and subsequent heart transplantation: Case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04159375

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Attending Doctor, Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: South Korea

Manuscript submission date: 2021-09-13

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-09-27 11:19

Reviewer performed review: 2021-09-28 10:55

Review time: 23 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 Grade E: Do not publish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

**Peer-reviewer
statements**

Peer-Review: [☒] Anonymous [☐] Onymous

Conflicts-of-Interest: [☐] Yes [☒] No

SPECIFIC COMMENTS TO AUTHORS

This reviewer thinks that this case report is interesting and well written. However, this reviewer has several concerns about this report. 1. The more detailed exercise protocols in CR I and II should be described (not only intensity but also work-out duration, frequency, exercise-mode etc in both aerobic and strength trainings). 2. The patient demonstrated a greater improvement in cardiopulmonary parameters than those reported in previous studies as the authors suggested. Please discuss more about the reasons of greater improvements in this patient. Only long training period? or includes other reasons? 3. The patient was classified as high risk considering his medical history and functional capacity; therefore, the target intensity was set to 40%-55% Please describe what was defied for target intensity? 4. This journal is an international one. I do not understand the significance of the first case, which reported a CR performed after LVAD insertion and after subsequent HT, in South Korea,.

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Reviewer's code: 05132127

Position: Peer Reviewer

Academic degree: MBChB, MSc, PhD

Professional title: Academic Fellow, Honorary Research Fellow

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: South Korea

Manuscript submission date: 2021-09-13

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-06 17:22

Reviewer performed review: 2021-10-06 20:05

Review time: 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input 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: [☐] Anonymous [☒] Onymous
Conflicts-of-Interest: [☐] Yes [☒] No

SPECIFIC COMMENTS TO AUTHORS

The authors should be commended for their rehabilitation regime. a copy of the rehab protocol should be made available as an appendix accompanying this study. otherwise i think this is a fairly relevant study that should be published

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Peer-review model: Single blind

Reviewer's code: 04159375

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Attending Doctor, Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: South Korea

Manuscript submission date: 2021-09-13

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-11-24 04:16

Reviewer performed review: 2021-11-26 12:04

Review time: 2 Days and 7 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
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

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

SPECIFIC COMMENTS TO AUTHORS

The authors responded to my almost suggestions. However, the following comments are still requested to respond. 1. The authors added Table 2 to show the rehabilitation protocol. Some of them are duplicated in the section of discussion(shown as yellow highlight in attached file). The content of the rehabilitation protocol should be described concisely in the section of method without duplication of Table 2. 2. In Table 2 the strength of resistance training in phase 1 (resistance band training) is shown as 20-30 % of 1 RM. How did the authors estimate the strength during band exercises quantitatively?