

PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 56382

Title: Effects of left ventricular assist device on pulmonary functions and pulmonary hemodynamics: A meta-analysis

Reviewer's code: 02446061

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor, Research Scientist

Reviewer's Country/Territory: Mexico

Author's Country/Territory: United States

Manuscript submission date: 2020-04-28

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-06-27 03:31

Reviewer performed review: 2020-06-29 16:50

Review time: 2 Days and 13 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 Grade E: Do not publish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 checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

Your manuscript is interesting due to the approached topic and strategy. However some changes are required. a) Please revise the entire manuscript to avoid typo and grammar mistakes. b) Your plots should be clear and showing the error bars. c) Discussion should be a clear comparisson to those findings for other authors exploring consequences in pulmonar function by LV-interventions.

PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 56382

Title: Effects of left ventricular assist device on pulmonary functions and pulmonary hemodynamics: A meta-analysis

Reviewer's code: 02575809

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Academic Research, Professor

Reviewer's Country/Territory: Angola

Author's Country/Territory: United States

Manuscript submission date: 2020-04-28

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-06-26 12:47

Reviewer performed review: 2020-06-30 01:10

Review time: 3 Days and 12 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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

Comments to the authors The meta-analysis is well designed and conducted. There are few studies, small samples, short follow-up period. The findings are not very relevant, there is more pulmonary restriction and improvement of the pulmonary vascular resistance. The authors are attentive to the limitations of the study. In my opinion the Meta-analysis should be published

PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 56382

Title: Effects of left ventricular assist device on pulmonary functions and pulmonary hemodynamics: A meta-analysis

Reviewer's code: 02446694

Position: Editorial Board

Academic degree: FACC, FAHA, MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: United States

Manuscript submission date: 2020-04-28

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-06-26 13:56

Reviewer performed review: 2020-06-30 20:50

Review time: 4 Days and 6 Hours

Scientific quality	<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
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: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

The authors investigated the pulmonary functional test and pulmonary hemodynamics in patients who underwent left ventricular assist device (LVAD). The point of view of present study seems to be interesting. There have been several problems to be solved.

#1 The major problem of present study was study collection. Judging from Figure 1, only 4 studies were left for analysis. It is unnatural to me. The authors should provide more information regarding the study collection in the detail. #2 The authors should show the methods of statistical analyses in the "Method" section. #3 The period from LVAD to the assessment of pulmonary function was unclear. The authors should show them. #4 Is the unit of pulmonary vascular resistance (PVR) right? The authors should confirm it.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Cardiology

Manuscript NO: 56382

Title: Effects of left ventricular assist device on pulmonary functions and pulmonary hemodynamics: A meta-analysis

Reviewer's code: 02446061

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor, Research Scientist

Reviewer's Country/Territory: Mexico

Author's Country/Territory: United States

Manuscript submission date: 2020-04-28

Reviewer chosen by: Ze-Mao Gong

Reviewer accepted review: 2020-07-28 13:50

Reviewer performed review: 2020-07-28 20:15

Review time: 6 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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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 checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer statements	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

Dear authors: From my perspective, the article was improved. Please check the format. I suggest conclusions section would be clear. The conclusions are mentioned in the abstract, but not clear sentenced in the entire manuscript. Also, please check the inclusion of conclusions in your highlights.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Cardiology

Manuscript NO: 56382

Title: Effects of left ventricular assist device on pulmonary functions and pulmonary hemodynamics: A meta-analysis

Reviewer's code: 02446694

Position: Editorial Board

Academic degree: FACC, FAHA, MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: United States

Manuscript submission date: 2020-04-28

Reviewer chosen by: Ze-Mao Gong

Reviewer accepted review: 2020-07-28 13:49

Reviewer performed review: 2020-07-29 21:06

Review time: 1 Day 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 type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Peer-reviewer statements	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

The authors have revised their manuscript appropriately, however, I cannot find figure 1.
Could you please make me confirm figure 1?