

PEER-REVIEW REPORT

Name of journal: *World Journal of Cardiology*

Manuscript NO: 89265

Title: Quo vadis cardiac rehabilitation; the role of comprehensive cardiac rehabilitation in modern cardiology

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05114928

Position: Peer Reviewer

Academic degree: MSc, PhD

Professional title: Doctor, Physiotherapist, Postdoc

Reviewer's Country/Territory: Czech Republic

Author's Country/Territory: Croatia

Manuscript submission date: 2023-10-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-10-25 20:08

Reviewer performed review: 2023-10-26 10:53

Review time: 14 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<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 novelty
Creativity or innovation of this manuscript	<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

Scientific significance of the conclusion in this manuscript	<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 scientific significance
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 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

SPECIFIC COMMENTS TO AUTHORS

This topic is actual and appropriately chosen because it addresses the need to support and integrate comprehensive CR delivery. However, several statements need to be strengthened and clarified according to the latest evidence in the field. Below are comments for consideration The abstract should have a more neutral tone without indications of specific studies; for a better flow of the text, consider omitting e.g.: Euroaspire V, and replace it in the main text. An essential first sentence focused on CR programs needs to be supported with reference. Eg.: <https://pubmed.ncbi.nlm.nih.gov/33748226/> Statement (...)”The overarching, long-term objectives of the CR program are alleviation of emotional stress and depression, among others[1-3].“ (...) About the above statement and the CR safety para below, please clarify: Are unsupervised (home-based) CR programs safe? Many clinicians have concerns when prescribing an exercise in a home-based setting without direct supervision. Statement: (...)”Despite this, it remains a matter of concern that less than half of eligible patients are actually referred for cardiac rehabilitation, whether in an outpatient or inpatient setting. [1-2, 6-7].“ (...) Consider expanding the focus on the



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other subgroups. E.g., Have women similar barriers to CR programs? Is it necessary to adjust/personalize delivery here as well? A current global study shows the need. For this latter point, see <https://pubmed.ncbi.nlm.nih.gov/37747380/> Statement (...)], hybrid CR has gained prominence, proving to be a safe and efficient alternative to traditional rehabilitation care, offering numerous benefits for cardiovascular disease (CVD) patients" (...) Consider stressing the cost-effectiveness as a benefits of the hybrid CR approach. Also, consider briefly including the benefits of hybrid CR in comparison with supervised CR. The pandemic also shows a focus on alternatives. The current ESC "call for action" supports developing and integrating alternative digital forms, e.g., telerehabilitation, to provide comprehensive CR. For this latter point, see: <https://pubmed.ncbi.nlm.nih.gov/32615796/> The above suggestions could significantly expand the manuscript's impact on modern cardiology. Typos: -check in whole text abbreviation of cardiac rehabilitation versus CR - in first sentence is "and" doubled: (...) "Cardiac rehabilitation (CR) programs involve a comprehensive medical evaluation and and optimization of the" (...)

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Reviewer's Country/Territory: Czech Republic

Author's Country/Territory: Croatia

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Reviewer chosen by: Xin-Liang Qu

Reviewer accepted review: 2023-11-08 05:22

Reviewer performed review: 2023-11-08 07:09

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input 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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer	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

The authors incorporated the suggested comments during the revisions. The revised manuscript has increased its quality.