

PEER-REVIEW REPORT

Name of journal: *World Journal of Cardiology*

Manuscript NO: 83689

Title: Atrial fibrillation and coronary artery disease: An integrative review focusing on therapeutic implications of this relationship

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04322742

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Ukraine

Author's Country/Territory: India

Manuscript submission date: 2023-02-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-02-05 11:15

Reviewer performed review: 2023-02-05 11:30

Review time: 1 Hour

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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input checked="" 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 type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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

SPECIFIC COMMENTS TO AUTHORS

The authors submitted a narrative review in which they provided their vision of approaches and strategy to AF in CAD patients. The authors found that AF and CAD corresponded each other and require combined treatment. Although this issues does not meet counteracting, there is no novelty in it. The subsections of the paper are reported superficial and do not based on strong medical evidence or contravercial arguments. I would like to propose the following: 1. This review requires serious modification in terms of improving clarity of itinal hypothesis, because there is a lack of "combined" approach that was dclared by the authors. 2.Mechanisms of AF in CAD and non-CAD patients should be discussed and well illustrated. 3. Clinical outcomes of AF in CAD and non-CAD patients need to compare. 4. The authors should add clear tables with results of studies which open up the initial hypothesis

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Reviewer's code: 03821836

Position: Peer Reviewer

Academic degree: MD, MSc, PhD

Professional title: Doctor, Research Fellow, Research Scientist, Staff Physician

Reviewer's Country/Territory: Greece

Author's Country/Territory: India

Manuscript submission date: 2023-02-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-02-04 18:35

Reviewer performed review: 2023-02-13 07:59

Review time: 8 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
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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 manuscript is interesting and falls within the scope of World Journal of Cardiology. Some remarks are: 1. I think that a paragraph commenting on the effect of newer antidiabetics on AF and CAD is highly deserved, based on the close interconnection with T2DM. 2. A table summarizing relevant effects on surrogate endpoints of different drug classes is required.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Ukraine

Author's Country/Territory: India

Manuscript submission date: 2023-02-04

Reviewer chosen by: Li Li

Reviewer accepted review: 2023-04-07 09:05

Reviewer performed review: 2023-04-07 09:09

Review time: 1 Hour

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
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
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 submitted a revised version of the paper along with clear explanations of the ways by which the corrections were provided. I have no serious concerns about the article in its revised version.