

PEER-REVIEW REPORT

Name of journal: *World Journal of Cardiology*

Manuscript NO: 81915

Title: Role of artificial intelligence in cardiology

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06465541

Position: Peer Reviewer

Academic degree: N/A

Professional title: N/A

Reviewer's Country/Territory: Romania

Author's Country/Territory: Spain

Manuscript submission date: 2022-11-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-12-15 22:12

Reviewer performed review: 2022-12-23 10:16

Review time: 7 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 Grade E: Do not publish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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

statements

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

SPECIFIC COMMENTS TO AUTHORS

Hello and congratulations on your manuscript! I would like to point out the following things: 1. The title seems a bit too generic. I would have said: Artificial intelligence programs in cardiology. I think it is closer to the point of your manuscript. 2. I would have liked to see some more detail on the mentioned AI programs: about the type of neural networks used for training, the obtained results: what was the accuracy? what was the sensitivity and specificity? 3. Why don't you write in conclusion section some of the leads that your manuscript open? I liked a lot the idea of having these AI software to low-end machines. It would really help in prevention and early-detection of some diseases. 4. The References are good and pertinent. Next time I hope to see more articles about experimental AI programs (with comparative data mentioned at point 2.)

PEER-REVIEW REPORT

Name of journal: *World Journal of Cardiology*

Manuscript NO: 81915

Title: Role of artificial intelligence in cardiology

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06478410

Position: Peer Reviewer

Academic degree: N/A

Professional title: N/A

Reviewer's Country/Territory: Saudi Arabia

Author's Country/Territory: Spain

Manuscript submission date: 2022-11-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-12-25 08:20

Reviewer performed review: 2023-01-03 09:46

Review time: 9 Days and 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" 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 type="checkbox"/> Grade C: Fair <input checked="" 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 type="checkbox"/> Grade C: Fair <input checked="" type="checkbox"/> Grade D: No scientific significance
Language quality	<input 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 checked="" type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" 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

SPECIFIC COMMENTS TO AUTHORS

Not clear introduction is presented in this manuscript Repetition of the main sentences
Many errors are presented in this paper No related works are presented in the paper
English of the paper and the organization must be revised. No new Idea is presented in
this manuscript There is no contribution A comparison between the achieved result
and other recent works is necessary. The quality of the paper and the presentation of
the proposed approach must be improved.