

PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 55057

Title: Dispersion of ventricular repolarization: Temporal and spatial

Reviewer's code: 02919566

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor, Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: Russia

Manuscript submission date: 2020-02-28

Reviewer chosen by: Xiao-Quan Yu

Reviewer accepted review: 2020-05-20 08:20

Reviewer performed review: 2020-05-24 19:54

Review time: 4 Days and 11 Hours

Scientific quality	[<input checked="" 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 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] Grade E: Do not publish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
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



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The paper of Artyeva is complete. It reports the pathophysiologic background of repolarization heterogeneity and the way to measure it. Some point could further improve the review: -The author well describes the main physiologic and pathophysiologic aspects of repolarization heterogeneity. However, only some of the electrocardiographic parameters are reported and the pathophysiologic correlates are not well described. A table summarizing the available parameters with their ability to evaluate repolarization heterogeneity, cut-offs, advantages and limitations could be useful. - A figure representing the main methods used for repolarization heterogeneity calculation should be added.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Reviewer's Country/Territory: Italy

Author's Country/Territory: Russia

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Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-06-19 06:41

Reviewer performed review: 2020-06-19 06:44

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 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 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

No further comment.