



### 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

<b>Scientific quality</b>	<input checked="" type="checkbox"/> Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
<b>Conclusion</b>	[ ] Accept (High priority) [ ] Accept (General priority) <input checked="" type="checkbox"/> Minor revision [ ] Major revision [ ] Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes [ ] No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes <input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS



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The paper of Arteyeva 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

**Name of journal:** World Journal of Cardiology

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**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:** Jia-Ping Yan

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

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

**Review time:** 1 Hour

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Peer-reviewer statements</b>	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.