Reviewer's report

Title: Effect of Increased Left Ventricle Mass on Ischemia Assessment in Electrocardiographic Signals: Rabbit Isolated Heart Study

Version: 0 Date: 29 Apr 2017

Reviewer: Anna Tidholm

Reviewer's report:

General comments:

This Ms concerning the effect of LV mass on ischemia assessment in ECG in Isolated rabbits hearts might be of interest in comparative medicine but this reviewer has major concerns as follows:

1) How do the authors define "LV hypertrophy" in New Zealand rabbits? Are there reference values established for this breed?

2) What do the authors think is the reason for the "spontaneous hypertrophy" of the left ventricle in some of the rabbits. Do you think that there is a disease process causing this and if so which disease?

3) Do the authors think that results of this study also apply to humans and if so what is the reasoning behind this? Have previous results indicated that these 2 species react similarly on ECG-recordings?

4) The conclusions drawn in this study are vague and need to be clarified.

5) The abstract should contain details of the study.

6) Does the study have enough statistical power?

7) Do the authors believe that ECG recordings are adequate to diagnose LV hypertrophy? Please clarify.
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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