Reviewer’s report

Title: Heart rate variability after radiofrequency ablation of epicardial ganglionated plexuses on the ovine left atrium

Version: 0 Date: 05 Jul 2017

Reviewer: Panagiota Flevari

Reviewer's report:

This is an interesting study regarding heart rate variability after radiofrequency ablation of epicardial ganglionated plexuses on the ovine left atrium. The authors determined the long term alterations in HRV after the RFA of GP on the LA. Interesting results were found, regarding persisting changes in some HRV indexes, which might be useful may be considered as possible criteria of efficacy of AF ablation in clinical practice. On the other hand, less persistent changes in HRV, might hint of ANS of the heart, regaining its functions over time.

The manuscript is well-written and clear, the discussion goes well in-depth of the subject.

I have only one question: Did the authors examine distal epicardial nerves, as they have previously done in their previous study? How this would combine with HRV changes following RF ablation?

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.

Unable to assess

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

Yes
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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