Reviewer’s report

Title: Detrimental Effects of Specific Periodontopathic Bacterial Infection on Tachyarrhythmia Compared to Bradyarrhythmia

Version: 0 Date: 17 Aug 2017

Reviewer: Andreas Henke

Reviewer’s report:

In the present manuscript (BCAR-D-17-00376) the authors demonstrate a study to analyze the impact of the presence of specific periodontopathic bacteria in older patients showing symptoms of tachyarrhythmia or bradyarrhythmia. From my point of view, the experiments were well performed. But prior publication several comments should be addressed as it is stated here:

Result section: Please describe much more precisely how many patients were positive for which bacteria. You may use an additional table and a boxplot diagram with whiskers or scatter blots for individual groups. Right now, the presentation of data is not very satisfactory.

Discussion: Please provide some idea how the presence of periodontopathic bacteria may influence symptoms associated with tachyarrhythmia. And please, discuss your findings also in the context of older people positive for periodontopathic bacteria but without any symptoms of tachyarrhythmia or bradyarrhythmia.

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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