Author’s response to reviews

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

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Professor Marzia Cottini
Dear Dr. Cottini,

Thank you very much for your kind review of our paper. We enclose our revised manuscript entitled “Detrimental Effects of Specific Periodontopathic Bacterial Infection on Tachyarrhythmia Compared to Bradyarrhythmia” by Norio Aoyama et al. to be considered for publication in the BMC Cardiovascular Disorders.

We have modified the text according to the comments from the reviewers. We have carefully addressed all the items raised by the reviewers and our answers are listed on the separate sheets. We highlighted the changes in the document using red font text.

We hope that this manuscript is suitable for publication in the BMC Cardiovascular Disorders. We deeply appreciate your consideration.

Sincerely yours,
Norio Aoyama

Dear Reviewer 2,

Thank you very much for your kind review. Following is our reply to your comments.

Reviewer #2:

I recommend additional statistical review.

Thank you very much for your advice. As you recommended, we checked our statistical method, and we added the text to precisely write the reason why we used the statistical methods. We modified the information in the section of Methods.

<P. 9>

Student’s t-test was used to compare numerical values such as age, CRP, teeth number, PPD, CAL and BOP. Chi-square test was performed to compare dichotomous variables such as sex, smoker rate, positive rates of DM, HT and DL and bacterial detection rates. Wilcoxon test was used to compare bacterial counts, because bacterial counts were not normally distributed.

Needs some language corrections before being published.
Thank you very much for your comment. We reviewed the whole text and corrected several mistakes of language.

<P. 4>

periodontopathic bacterial infection in patients with TA or BA was evaluated.

<P. 4>

The subjects were patients with TA (n=98) or BA (n=40)

<P. 6>

prevention and treatment of CVD are important health issues.

<P. 10>

We also showed a positive rate of P. intermedia (Table 4).

I agree with the changes made to the manuscript and I don't have any further comments.

Thank you very much for your kind review.

We hope that this revised manuscript is suitable for publication in BMC Cardiovascular Disorders. We deeply appreciate your consideration.