Reviewer's report

Title: A New Method of Building Permanent A-V Block Model: Ablating His-bundle Potential Through Femoral Artery With Pre-implanted Biventricular Pacemaker.

Version: 2 Date: 21 July 2014

Reviewer: Bruno Buchholz

Reviewer's report:

In this manuscript, the authors demonstrated that the ablation of his-bundle potential under the aortic sinus of the left ventricular upper septum is better than the ablation at the right ventricular Koch triangles in the generation of A-V block model.

Although left ventricle A-V block is a technique used in patients for several years, this is the first time it is used in an experimental model in dogs. Therefore, this work is original and interesting, but there are several issues that should be corrected:

Major Compulsory Revisions:
1- The discussion section is poorly written and contains errors. Therefore, I suggest that it be rewritten in a classical way.
Authors should begin discussion, mentioning the original results found in this study.
The differences, advantages and disadvantages between the two ablation methods should be discussed in more detail.
The authors should not make references to data that were not shown in this manuscript, for example: time surviving, electrophysiological and anatomical reconstructions and incidence of pacemaker syndrome.
The work of Gonzalez et al. (reference 6) was performed in dogs and not in bradyarrhythmias patients as the authors mentioned in paragraph two from discussion. Please correct this.
Catheter ablation of the atrioventricular junction from the left ventricle is a technique used in patients for several years (Sousa J et al. Circulation. 199;84(2):567-71.). This should be mentioned.

Minor Essential Revisions:
1- There are many typing mistakes in the manuscript. These should be corrected by the authors.
2- The authors should mention whether the study was approved by an ethics committee.
3- In the "Results" section, the authors refer to the figures in different formats, for example: "Figure 1 A"; "FIG 2 E"; "Fig 4A". This should be corrected and written
in the same way.

4- Heart rate values should not be shown with decimal numbers (See in text and table 2).

5- Table 2: please, clarify the meaning of two asterisks.

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests