Reviewer's report

Title: Radiofrequency Catheter Ablation of Ventricular Arrhythmias Arising from the Region above Pulmonary Valve

Version: 1 Date: 13 May 2019

Reviewer: Feifan Ouyang

Reviewer's report:

Please include all comments for the authors in this box rather than uploading your report as an attachment. Please only upload as attachments annotated versions of manuscripts, graphs, supporting materials or other aspects of your report which cannot be included in a text format.

Please overwrite this text when adding your comments to the authors.

The authors reported on their experience of VAs originating from either pulmonary trunk or pulmonary sinus cusp. It was probably the largest cases series to report on catheter ablation of this arrhythmias. However, it was very difficult to identify the pulmonary valve, and pulmonary sinus cusp. How did the authors perform the PA angiography. It should be described in methods. Also, did the catheter position was measured during diastole or systole during PA angiography?

Specific comments:

1. the long term success was defined as absence of PVCs/VT or total PVCs/VT burden less than 25% of it before ablation during 24 hour holler 3 months latter without taking any anti arrhythmic drugs: How many patients had only total PVCs/VT burden less than 25% of it after ablation? what was the QRS morphology if available? also, How many patients had 2 or three 24-Hour holler ECG before ablation and what was the difference of PVC/VT burden in all holler ECGs?

2: provide a nice PA angiography in figure 1 and catheter position

3: Figure 2 can be deleted

4: the discussion can be shortened 30%.
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.

Yes

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.

Not relevant to this manuscript

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

Needs some language corrections before being published

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?
If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

NO conflict of interests

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal