Reviewer’s report

Title: Giant unruptured sinus of Valsalva aneurysm successfully managed with valve-sparing procedure – a case report

Version: 0 Date: 13 Nov 2019

Reviewer: Harleen Kaur Sandhu

Reviewer's report:

The authors present a case highlighting an important indication when valve sparing root repair can be performed for treatment of a rare condition involving sinus of Valsalva aneurysms that are typically treated with complete replacement of aortic root along with valve. I congratulate the authors for their technical success in treatment of this interesting case.

Minor Comments:
1. Although the abstract summarizes the case well, however, the outcome of the case in follow-up should be discussed as well.
2. Can the authors comment on the etiology or potential risk factors for developing the large aneurysm of the Valsalva?
3. Minor language and structural edits are advised for instance on
   - page 4 line 5 - "in less than 1% of the cases in cardiac surgery," a reference in support of the statement is required
   - page 4 line 6- citation should be provided for the statement "an incidence of less than 3.5% of all congenital heart defects"
   - page 4 line 11 - needs attention as the authors are not discussing the reference quoted in the previous line - do they mean "has been shown to be correlated?" (see attached pdf for comments);
   - page 4 lines 17-18 - delete in and rephrase to "around 44% of the cases SVAs were associated"
   - page 4 lines 31-32- "Still, published literature on SVA reports few cases in which valve-sparing was preferred over complete replacement" - should it not be something along the line of "Despite these advances, there are only a few reports in the current published literature demonstrating that valve-sparing technique was preferred over complete replacement in treatment of SVA"
   - page 4 lines 54-55 - consider rephrasing to "progressive worsening or long-standing progression?"
   - page 6 line 30 and 34/35- please consider rephrasing to "giant or large" instead of gigantic.
4. Is there follow-up available beyond 1 month?

Level of interest
Please indicate how interesting you found the manuscript:

An article of importance in its field

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

Needs some language corrections before being published

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