Reviewer’s report

Title: St. Jude Medical Trifecta Aortic Valve: results from a prospective regional multicentre registry.

Version: 0 Date: 14 Sep 2015

Reviewer: Vinicius Nina

Reviewer’s report:

I congratulate the authors for this interesting paper; however several issues must be addressed:

1- The sample is heterogeneous in some aspects which may compromise interpreting the results: surgical approach (full vs mini-sternotomy); 54.5% of concomitant procedures; different implantation techniques (supra vs infra-annular), reoperations (n=?, this data is missing) and remote follow-up;

2- Considering that upon completion of 30 months (30th June 2013) the follow-up was closed, it is unlikely to have a maximum follow-up of 34 months (see Results, line 51).

3- It is written in the line 58 of Methods: "where the follow-up was not possible...". Based on this statement, authors must include in the results the number of patients who indeed had complete clinical and echocardiographic follow-up at 6 months and 1 year.

4- There is a missing word in "Hemodynamic results" (line 40)

5- The range of logistic EuroScore in table 1 differs from that written in the "Results" (line 13).

6- In table 2, probably due to a typing error, items of the column of variables are not corresponding to the data of the column of implants.

7- In table 4, the number of patients who had an Echo done in the four different time frames is missing.

8- Figures must be self-explanatory, therefore the number of patients under follow-up has to appear in the figure 1.

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