Reviewer’s report

Title: Long-term outcomes and predictors of recurrent aortic regurgitation after aortic valve-sparing and reconstructive cusp surgery: a single centre experience

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Reviewer: Charilaos Panagiotis Koutsogiannidis

Reviewer's report:

The authors reported their single centre experience and outcomes of patients after aortic valve-sparing surgery and aortic cusp repair. First, I would like to congratulate for their results which are comparable with these of the literature. These operations are challenging because they require high knowledge of geometry and physiology of the aortic root and valve. This is a retrospective study. Their text is generally well written. The topic and methods are well discussed. Generally, my opinion about this paper is positive. I believe that this paper would be interesting for the readers. Although this is not the case here, it would be even more interesting if the authors could report the results after comparison of the patients who had their aortic valve repaired with these who had it replaced using propensity score matching.

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An article of importance in its field

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