Author’s response to reviews

Title: Use of low-dose β1-blocker for sinus tachycardia in patients with catecholamine support following cardiovascular surgery: a retrospective study

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Author’s response to reviews:

Reviewer #1: Excellent work and brilliant idea.
Congratulations
Answer:
Thank you for the review.

Reviewer #2: The authors reported a retrospective study about the effect of the β1-blocker landiolol for sinus tachycardia in patients with catecholamine support following cardiac surgery required CPB.

Low-dose landiolol therapy may safely decrease heart rate and improve the hemodynamics (increases the stroke volume and cardiac output as well as the blood pressure - although not statistically significant) after surgery in patients with sinus tachycardia probably due to high inotropic support.

Their text is generally well written. The topic and methods are well discussed. Their results are interesting, and the discussion is detailed.

Although, apart from the fact that this is a retrospective study, it has the important limitation of the small sample (only 11 patients)
Since this is a retrospective analysis, I was wondering whether the authors could include more patients and re-submit the paper.

Answer:

As you correctly pointed out, this 2-year study included only 11 cases, and this is a limitation of the study. However, use of high-level information analysis ability was required to identify eligible cases and accurately analyze complicated clinical courses. In this study, to identify additional eligible cases, manpower was not available because some investigators were moved to other facilities. Although the study included small sample size, the data obtained are considered statistically appropriate. Thank you for your consideration.