Reviewer’s report

Title: ECHOCARDIOGRAPHIC EVALUATION OF NON-SURGICALLY TREATED MILD-TO-MODERATE MITRAL DYSFUNCTION IN PATIENTS UNDERGOING AORTIC VALVE REPLACEMENT

Version: 0 Date: 09 Feb 2019

Reviewer: Kalman Benke

Reviewer’s report:

The following article presents the echocardiographic evaluation of non surgically treated mild-to-moderate mitral valve dysfunction in patients who underwent aortic valve replacement. Results show that 85% of patients had a valve related event free survival after surgery in the first five years. Rheumatic etiology of mitral valve disease seemed to be an independent predictor of late mitral dysfunction. This manuscript has many important findings, however there are also many raised concerns regarding the results.

Questions to the author:

1. The whole population of the study was 590 patients. By which criterias did the authors do mitral valve surgery at the same time with aortic valve replacement or used conservative therapy for mitral valve dysfunction?

2. Was there any difference in the two groups in atrial fibrillation?

3. Is there any difference in survival and complications after primary double valve surgery and redo mitral valve surgery (conservative therapy group)?

4. In the future will you do double valve surgery in patients with rheumatic pathology?

I would consider this manuscript for publication after a major revision.

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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