Reviewer's report

Title: Outcome of mitral valve plasty or replacement: a comparative cohort study.

Version: 1 Date: 6 March 2013

Reviewer: Toshiro Kobayashi

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This cohort study described about mitral valve disease undergoing mitral valve plasty was superior approach compared with mitral valve replacement from the point of long term survival rate, and superior in non AF patient with valve plasty from the point of freedom from reoperation. This result was acceptable. But variable valve etiology was included and this point is one of limitation of this study.

(1) Throughout in this paper, misspelling, absence of space, repetition of period, decription of reference number by italic manner are conspicuous. Please make proofreading once by yourself and native English speaker.

(2) In Table 1, there is not explanation for an abbreviation of AR.

(3) Figure 2 shows in MVR group, death were frequently observed in first one year and late follow-up periods. Please describe why these deaths were occurred.

(4)This paper described about various mitral valve etiology. Especially ischemic MR is different cause of valve dysfunction, and ischemic MR is the different category. This must be described as `limitation` in this paper.

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests