Reviewer’s report

Title: Mitral Annular Calcification Predicts Immediate Results of Percutaneous Transvenous Mitral Commissurotomy

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Reviewer: Lorenza Pratali

Reviewer’s report:

Salarifar and coauthors performed a retrospective study on mitral annulus calcification and the prediction of immediate results of percutaneous transvenous mitral commissurotomy.

The paper one major revision that need to be solved to decided if the manuscript if valuable for publication

- the authors presented data regarding 87 subjects and in the results reported that the rate of optimal PTMC result was lower in patients with MAC than in those with normal annulus with a significantly difference on the basis of chi square statistic evaluation. In Table 1 the authors instead reported that the MVA after PTMC was significantly higher (1,6 cm$^2$) in patients with MAC in comparison with the other without MAC (1.4 cm$^2$).

Minor revisions

-It is not clear the sentence: severe MR occurred in 4 patients following PTMC which controlled under medical treatment. Please specify which therapy was used to control a severe mitral insufficiency.

Level of interest: An article of limited interest

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

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests