Reviewer's report

Title: Mitral Annulus Calcification is Associated with Valvular and Cardiac structural Abnormalities

Version: 1 Date: 7 March 2007

Reviewer: Anca Irina Corciu

Reviewer's report:

General
This is an interesting and clearly written study showing the association of MAC with a variety of heart structural abnormalities in a mega-population of over 24,000 patients. The limitations of the retrospective analysis are honestly presented.

Minor comments:
- page 2, abstract, results, line 2: ventricular
- Please, add one figure with an example of no MAC, mild-moderate MC, and severe MAC.
- Please, add among study limitations that you scored MAC as absent/present, but a semiquantitative assessment of MAC severity can also be performed (see refs. 2 and 13).

What next?: Accept after minor essential revisions

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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