Reviewer’s report

Title: Is distortion of the bioprothesis ring a risk factor for early calcification?

Version: 1 Date: 14 September 2010

Reviewer: javier cabo

Reviewer’s report:

In my opinion the question posed by the authors is not well defined and the discussion and conclusions are not adequately supported by the data. The manuscript need a major compulsory revision.

In Material and Methods it is clear that there was a close relationship between distortion of the bioprothesis ring (founded at the chest-X ray) and calcification, in the group of 32 patients who underwent reoperation for valve calcification; but what happen, in terms of distortion, in the remaining 478 patients who underwent isolated aortic valve replacement with the same bioprothesis? and what is the percentage of distortion of the bioprothesis ring founded in the chest-X-ray in the group of patients with valve replacement without reoperation?.

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.

Declaration of competing interests:

'I declare that I have no competing interests'