Reviewer’s report

Title: Aortic wrapping for mild to moderate ascending aorta dilatation is associated with early favourable aortic remodelling

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Reviewer: ARTURO A EVANGELISTA

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The study proposes a new surgical technique to manage mild.moderate aortic dilatation of ascending aorta.

Although the series is preliminary as only in 14 aortic wrapping with a Dacron graft was performed, this procedure leads to a favourable early aortic remodelling.

There are some point to address:

Methods: The type or characteristics of ascending aorta should be better defined.

Discussion: It is not clear why the diameters of the coronary sinuses reduced from 38mm to 33 mm one months after wrapping, when the reduction of sinotubular junction was only from 33 to 31 mm.

It would be better to use the term Valsalva sinuses than coronary sinuses.

The short follow-up. 4 weels, should be considered as a limitation.

I don’t understand how the excess of aortic wall is accomodated when the circumference is compressed by the dacron outside wrapping.

It will be very interesting to include one CT image comparing the dilated aorta before and after surgery.

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

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