Reviewer’s report

Title: One-stage surgical treatment of aortic bypass grafting through diaphragm muscle for descending aortic coarctation combined with aortic valve disease

Version: 1 Date: 23 July 2015

Reviewer: Henrique Murad

Reviewer’s report:

Major compulsory reviews:
1- The title must be changed. The surgical treatment is not for the one stage repair but for the diseases. I would suggest "One stage surgical treatment of aortic valve disease and aortic coarctation with aortic bypass grafting through the diaphragm and aortic valve replacement";
2- It should better discuss the use of to the supraceliac distal aortic anastomosis. It seems to me that the potential complications with adhesions and compressions are far greater with the infra renal distal anastomosis. Are your patients obeses?
3- You should also discuss the role of aortic coarctation stenting and aortic valve replacement

Level of interest: An article of importance in its field

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'