Reviewer's report

Title: Outcome of open and endovascular repair in acute type B aortic dissection

Version: 1 Date: 9 February 2010

Reviewer: Himanshu Patel

Reviewer's report:

Major revisions:

1. Please list reasons TEVAR patients as opposed to OS patients were considered high risk.

2. What late aortic events occurred in the open surgery group....I would redo this discussion and contrast this with the results in the TEVAR group in a survival analysis, not as is stated in the manuscript.

3. The indications for intervention in the study group need to be better defined. I am particularly confused when I see that reasons for surgery included rupture, malperfusion, impending rupture and then see that treatment occurred in the early "acute" phase or the later "subacute" phase. Usually, though not always, these events are in the acute phase.

Level of interest: An article of importance in its field

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:

No disclosure