Reviewer’s report

Title: A new type of aortic valved stent with good stability and no influence on coronary artery

Version: 1 Date: 7 August 2013

Reviewer: Ayeesha Kamran Kamal

Reviewer’s report:

Minor Essential Revisions

In the manuscript, the authors constructed a new type of aortic valve stent in TAVI and evaluated its feasibility, safety and efficacy in pig models. And they found this new aortic valved stent was good stability and could avoid the impact caused by valve leaflets on the coronary artery. However, some minor concerns should be noticed in the manuscript.

1. The english written should be improved. Some spell errors can be found through the whole text.
2. The manuscript should be better referred. Like, the sentence “The technology of transcatheter aortic valve implantation (TAVI) was first reported by Anderson et al” is lack of the reference(s).
3. 24 hours is enough for the test of effect of surgery? Since a series of advantages for TAVI, why isn’t the follow-up?

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