Reviewer's report

Title: Comparison 30-day clinical complications between transfemoral versus transapical aortic valve replacement for aortic stenosis: a meta-analysis review.

Version: 2 Date: 16 March 2013

Reviewer: Gerhard Schymik

Reviewer's report:

Dear authors,

Depending on the access the authors have done a meta-analysis of TAVI procedures, which were reported between 2002 and September 2012. The question posed by the author is well defined and the methods are well described.

I have the following comments: Minor Essential Revisions

1. Point 1 of 3 from my last review is answered sufficiently.
2. Furthermore, there are some inconsistencies in the article:
   a. Results:
      Odds for 30-day clinical outcomes compared with surgical aortic valve replacement (SAVR)
      SAVR means surgical aortic valve replacement! There is no comparison with SAVR in your article.
   b. Results: Post-operative heart block
      but Core Valve was used when patient receive TA procedure
      CoreValve is designed only for transfemoral or transaortic implantations.
   c. Discussion:
      And the incidence of heart block in patients with the Edwards SAPIEN valve prosthesis
      is lower than that observed with the CoreValve device (6.3% for the TF and 7.5% TA
      approach).
      What is the incidence of the heart block in CoreValve-Implantations?
3. Your article needs some formal orthographic language corrections before being published.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published
Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

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Edwards Lifesciences: Honoraria for lectures, proctor and participation in clinical trials
Medtronic: Honoraria for lectures