Reviewer’s report

Title: Spatial orientation of cross-sectional images of coronary arteries: point of view in intracoronary imaging

Version: 1 Date: 3 March 2012

Reviewer: Albert Varga

Reviewer's report:

The paper written by Troels Thim and Erling Falk highlights the importance of precognition spatial orientation in cases when different imaging modalities are compared. The raised question is interesting and important, especially for research purposes.

I have only minor comments and questions

- I would prefer the extension of figure 3 for better understanding (not only the description of the rotated images, but rather their presentation, if available)
- Since the paper was submitted to an ejournal, I would suggest the Authors to prepare some demo material (movies, if possible), also for better understanding.
- IVUS and OCT has been tested, but which other imaging modalities should be considered when a consensus paper will be discussed?

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

Quality of written English: Acceptable

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