Reviewer’s report

Title: The association between Femoral Tilt and impingement-free range-of-motion in total hip arthroplasty

Version: 1 Date: 21 February 2012

Reviewer: Jochen Franke

Reviewer’s report:

1. Is the question posed by the authors well defined?
The aim of the study is clearly stated

2. Are the methods appropriate and well described?
Yes, but some details should be better placed in the "Results"
Minor Essential Revisions:

Average patient age was 69 (±4.8) years and average body mass index (BMI) 26.4 (±3.7) kg/m².

........16 male and 24 female, 17 left and 23 right hips. None of the patients had a THA on both sides.

3. Are the data sound?
Yes.

4. Does the manuscript adhere to the relevant standards for reporting and data deposition?
Yes.

5. Are the discussion and conclusions well balanced and adequately supported by the data?
Yes.

6. Are limitations of the work clearly stated?
Yes, they are.

7. Do the authors clearly acknowledge any work upon which they are building, both published and unpublished?
Yes.

8. Do the title and abstract accurately convey what has been found?
Yes.

9. Is the writing acceptable?
Minor Essential Revisions:
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.