Reviewer’s report

Title: Influence of the anterior notch in mobile-bearing UKA on patellofemoral radiotracer uptake and clinical outcome

Version: 0 Date: 14 Aug 2017

Reviewer: Andreas Fottner

Reviewer's report:

My main concern, the limited sample size of 24 patients was not sufficiently addressed in this revision. I do agree with you that a sample size calculation is difficult to perform for the SPECT-CT analysis due to a lag of data. But I do disagree with you that there is no power analysis of sample size calculation needed at all, since you also performed clinical outcome tests. For these tests there are plenty of studies providing a "minimal-important difference" and therefore a minimal statistical power is needed to draw reliable conclusions. For this reason I still believe that a power analysis is crucial for this study.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable
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