Reviewer's report

Title: The Impact of Bone Morphology on the Outcome of the Pivot Shift Test: A Cohort Study

Version: 0 Date: 18 Jul 2017

Reviewer: Vehniah Tjong

Reviewer's report:

Very good paper with a few suggestions/clarifications.

1) In the discussion section, please give thoughts on the presence/grade of arthritis and how this affects objective findings of pivot shift. Please also add grade of arthritic change in those post-operative knees with arthritis compared to control (contralateral knees).

2) When analyzing EAR group alone, does this change the presence of a pivot shift despite anatomic differences? If so, comment on how the presence of an EAR can alter the pivot shift in these patients.

3) In comparing males to females, was there a difference seen with FTSR and TPFC ratios?

4) Why do you think your study using 2D images found a difference in AP measurements while the previous study you cited which used 3D imaging (Musahl et. al) only found a difference in ML measurements? And how does this change your conclusions if any?
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.

Yes

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 am able to assess the statistics

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

Acceptable

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