Reviewer’s report

Title: Degeneration of three or more lumbar discs significantly decreases lumbar spine/hip ROM ratio during position change from standing to sitting in AVN patients before THA

Version: 0 Date: 25 Jul 2019

Reviewer: Jeffrey Alent

Reviewer's report:

Three or More Lumbar discs degeneration significantly decreases lumbar spine/hip ROM ratio in AVN patients before THA from standing to sitting

1. In abstract, error - LLD incorrectly stated instead of LDD

2. Page 4, grammar error "zone in literature for acetabular component. Kummmer" - change to pleural "zones"

3. Page 10 : "Human body maintains the sagittal". Should read "The human body" - grammar error

4. Page 10 : Pelvis acts as a linkage… Should read "The pelvis" - grammar error

5. Overall good article, data is collected well and detailed well. Be sure to emphasize the certain changes increase the risk for posterior dislocations based off various studies (but note your study does not necessarily look at the rate of posterior dislocations).

-Overall a well done 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.

Yes

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:

Needs some language corrections before being published

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