Reviewer’s report

Title: Hip stability after total hip arthroplasty predicted by intraoperative stability test and range of motion: a cross-sectional study

Version: 1 Date: 26 Jul 2018

Reviewer: Maziar Mohaddes

Reviewer's report:

I would like to congratulate the authors for a nice study design and methodologically well performed study. The research question is highly interesting and, as pointed out in the discussion in need of further documentation.

This prospective study is performed on a relatively substantial cohort of patient with meticulous measurement of IR peroperatively. Due to low risk of dislocation following THR, I have concerns for this study not being sufficiently powered. This is evident in particular when performing a logistic regression (1-5), trying to control for the difference between dislocators and non-dislocators.


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?
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No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
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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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