Reviewer’s report

Title: Radiological changes do not influence clinical mid-term outcome in stemless humeral head replacements with hollow screw fixation: A prospective radiological and clinical evaluation

Version: 0 Date: 11 Aug 2017

Reviewer: Olufemi Rolland Ayeni

Reviewer's report:

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I believe, the paper should delete names of specific companies ie eclipse and use generic name such as stemless humeral head arthroplasty. Sample size calculation needs better justification, since only 73 patients are included. What is the rationale for including both total arthroplasty and hemi arthroplasty, clearly the forces the implant respond to are different. What was the agreement levels of the radiographic analysis, kappa values or ICC? Discussion needs a total revamp, what are the strengths, weaknesses, limitations, and future directions to improve the understanding of this surgery? Learning curve impact etc. Tables need better organization, compare the findings of hemi arthroplasty versus total arthroplasty in 1 big comprehensive table. Why have a table on operative time (non contributory).

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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Yes

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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
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Acceptable

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