Author’s response to reviews

Title: Are changes in radiological leg alignment and femoral parameters after total hip replacement responsible for joint loading during gait?

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Version: 2 Date: 03 Sep 2019

Author’s response to reviews:

Editor Comments:

Please address the remaining comments from Reviewer 2. Thank you.

Dear Dr. Arnold,

We addressed the remaining comments from Reviewer 2.

Reviewer reports:

F Braatz (Reviewer 1):
Dear authors,

Thank you for the revision of the paper, I recommend the publication of your work.

Kind regards

Prof. F. Braatz

Dear Prof. Braatz,

Thank you for the recommendation of our work.

David Lunn (Reviewer 2): I would like to thank the authors for their responses and now recommend this work for publishing. The authors sufficiently addressed my concerns and highlighted limitations which doesn't take anything away from the main findings and improves the quality of the manuscript. There are a few slight changes which would improve the manuscript but I will leave this to the authors/editors discretion.

Line 89- Be more specific, what differences?
Line 400- A reference for this statement would be useful.

Dear Dr. Lunn,

Thank you for your positive judgement on our work.

Line 89 - We specified the differences which were found between OA patients and healthy controls in the work of Bendaya et al (page 4, lines 88-90).

Line 400 – We added a reference for this statement. Further we changed the sentence slightly so that it now reads: “Although the same surgical approach was used, different implants were used which could have had an effect on the overall leg alignment after surgery [34]. (page 16, lines 398-400)