Reviewer's report

Title: A quantitative non-invasive assessment of femoroacetabular impingement with CT-based dynamic simulation - cadaveric validation study

Version: 3
Date: 26 December 2014
Reviewer: Patrick Omoumi

Reviewer's report:

Minor Essential Revisions:
Please address Reviewer 2 Comment 4 in your discussion/limitations. Specifically, relying on standard averages from a sample population to detect cam deformities may be problematic because ROM is dependent on the type of activities (i.e. probably different normal range between professional dancers and impact sports such as soccer or basketball). This might represent a problem in applying your technique in real life.

Please also comment on the fact that the software only assesses a limited number of movements (if I'm not wrong), and explain how this can be a problem when applying the technique in real life.

Please also carefully address typos (i.e. page 4, line 94: "to").

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:
No competing interests to declare.