Reviewer's report

Title: Segmentation of the lateral femoral notch sign with MRI using a new measurement technique

Version: 2  Date: 15 March 2015

Reviewer: Frederico Miranda

Reviewer's report:

Major Compulsory Revisions:
1. In the abstract the authors states that all results were compared with the radiography findings. Could not find this comparison in the rest of the article.
2. The methods and discussion are confusing and could be better elaborated.
3. The author stated that 14 patients were excluded because they did not present the lateral femoral notch sign in the MRI. Is there an explanation for this?

Minor Compulsory Revisions:
1. The first sentence of the conclusion, in the abstract (line 58 and 59), is confusing.
2. Some information described in the background would be better allocated in the discussion.
3. The sentence in the background (lines 76 to 81) needs punctuation corrections.
4. Information is repetitive in lines 226 to 230 in the discussion.

Discretionary Revisions:
1. Would be best to describe the limitations of the study at the end of the discussion.

Level of interest: An article of limited interest

Quality of written English: Not suitable for publication unless extensively edited

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:
I declare that I have no competing interests.