Reviewer's report

Title: Bone mineral density after Implantation of a femoral neck hip prosthesis - a prospective 5 year follow-up.

Version: 2 Date: 3 April 2015

Reviewer: Miguel Farfán

Reviewer's report:

Discretionary Revisions

I insist: your primary goal is BMD at 60 months. In the abstract’s results you should describe first your changes in BMD instead of WOMAC and HHS.

Results and Conclusion should begin also with primary outcome!!!

Abstract's conclusions should be more specific. The sentence "...a significant decreasing bone density in one region of interest which is different .." ought to be replaced for something like: "At 60 months after implantation of a short femoral-stem prosthesis, all regions except one (region of interest #5) showed no significant changes in BMD compared to baseline measurements at 10 days which is LESS to the changes in bone mineral density seen in conventional implants."

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

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

Declaration of competing interests:

'I declare that I have no competing interests'