Reviewer's report

Title: Chronic low back pain is associated with reduced vertebral bone mineral measures in community-dwelling adults.

Version: 2 Date: 27 January 2012

Reviewer: Jongbae Park

Reviewer's report:

"the aim of this study was to examine the association between vertebral bone mineral measures acquired using lateral-projection DXA and CLBP in a population of middle-aged adults." Does not match with "We hypothesized that the association between CLBP and vertebral bone mineral measures would be greater for those derived from lateral-projection methods compared to PA-projection measures."

>>> which is primary goal of this small analytical study, clinical correlation or diagnostic superiority of the lateral-projection methods?

It is somewhat doubtful that the findings reported here justify the lengthy discussion, and the conclusion is based on the very findings.

Level of interest: An article whose findings are important to those with closely related research interests

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

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