Reviewer's report

Title: Psychometric properties of the Osteoporosis Patient Assessment Questionnaire (OPAQ) 2.0: results from the Multiple Outcomes of Raloxifene Evaluation (MORE) study

Version: 2 Date: 6 August 2014

Reviewer: Young-Kyun Lee

Reviewer's report:

Authors evaluated the psychometric properties of the OPAQ in terms of reliability, construct validity, and responsiveness.

There are some considerations before publication.

Major concerns.

For discriminant validity, 4 categorical groups were assumed by authors. However, they should describe their rationale or references.

For Responsiveness, they compared OPAQ score change from baseline to study endpoint between patients with and without incident vertebral fractures. They had better compare the score between baseline and the time of vertebral fracture in each individual.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

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

Declaration of competing interests:

I have no competing interests.