Reviewer's report

Title: Translation and validation study of the Persian version of the Arthritis Impact Measurement Scales 2 (AIMS2) in patients with Osteoarthritis of the Knee

Version: 1 Date: 12 May 2009

Reviewer: José M. Quintana

Reviewer's report:

This is, in general terms, a well done and interesting study with a proper translation and validation of the Persian version of the Arthritis Impact Measurement Scales 2 (AIMS2) in patients with Osteoarthritis of the Knee. Nevertheless, I think the authors have enough data as to include more information and results in this manuscript and give additional support and value to their work.

• Major Compulsory Revisions

I wonder if the authors contacted with the original authors of the questionnaire to present them the final English translation of the Iranian version. Was this done? In any case, explain.

When describing all questionnaires, please, include references to the original authors of them (i.e. the SF-36-Ware et al, AIMS2).

I think it would be of value to incorporate a cross-tabulate Table with a knee severity scale of OA (better clinical severity than radiological, or both) to see the discriminative validity of the AIMS2.

It would be better to see (include) the precise results of the correlations observed between mobility level, walking and bending, work, and level of tension scales and VAS measures for pain, joint stiffness, patient's and physician's global assessment.

Please, include a Table with the results of the factor analysis on relation to the 3 factors structure.

It seems that the authors did not have a follow-up of the selected patients. That way they would have been able to study the sensitivity to change of the questionnaire. If not able to do so, include a comment either in the limitations paragraph of the Discussion and/or in the Conclusions.

• Minor Essential Revisions

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

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests