Reviewer's report

Title: Medication and Supplement Use for Managing Joint Pain among Patients with Knee and Hip Osteoarthritis: A Cross-sectional Study

Version: 1 Date: 8 September 2011

Reviewer: Michael Friger

Reviewer's report:

Comments to the corresponding author
General comment.
The lack of univariate and multivariate analysis makes the part of Results insufficient. The statistical analysis has to be continued for proper conclusions.

Methods.
All the questionnaires are interview-based. The reliability of each one of questionnaires has to be written in the describing of methods.

Results.
P.7. It will be easier for the reader if the socio-demographic data will be organized in the table.
P. 8. The reasons that five of participants reported no using pharmacological and supplemental intervention have to be analyzed, or these patients have not to be included into the study.
P. 9. Authors did not explain the reason of that two participants were reported their results twice. Without such an explanation, it is not clear why this information is analyzed twice in the text and not included into the table.
The percentage of participants used drug combinations due to the physician-physician recommendations or due to other reasons has to be added.
P. 9. The additional behaviors mentioned in this part could be organized in the table to simplify the understanding.

Discussion.
P. 10. In the beginning of Discussion, 20% of participants that reported the ineffectiveness of treatment were mentioned. This result was not described in the Results part of the article. In any case, from Table 1 we can see that 21% of participants never used their medications as directed and 29% reported never consistent medication usage in 2 week period. The correlation between these groups of patients seems to be necessary to make proper conclusions about the treatment.
P. 12. The reasons for using additional methods or stopping taking drugs are written without any analysis in the Results part, so the source of this conclusion is not clear.
Table 1. In “Level of intervention” for “Rx and OTC users” - the word “only” is needless.
Recommendation: Major revision.

**Level of interest:** An article of limited interest

**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