Reviewer's report

Title: No changes on cholesterol levels with a commercially available glucosamine product in patients treated with simvastatin or atorvastatin: a controlled, randomised, open cross-over trial

Version: 4 Date: 26 July 2012

Reviewer: Andrew Tershakovec

Reviewer's report:

The authors have responded to issues raised by the reviewers. Remaining issues/comments are listed below.

Major compulsory revisions:
1-The study was powered for a sample size of 20, thus concrete conclusions regarding lack of significance for the underpowered subgroups analyses are not appropriate.
2-The long half-life of HbA1c makes it an insensitive endpoint for a 4 week intervention- thus the HbA1c results should not be included.

Minor compulsory revisions:
3-Only one glucosamine product was tested- yet the conclusion in the abstract refers to “products”. The conclusions should be limited to this glucosamine product- though the authors could make an argument in the text that the results may be similar with other glucosamine preparations.
4-There are several typographical errors and mis-spellings in the manuscript.

Discretionary revisions:
4-The means in table 1 include at least one decimal point.

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.