Reviewer’s report

Title: Evaluation of effect of low-level laser therapy on adolescents with temporomandibular disorder

Version: 3 Date: 5 June 2013

Reviewer: Kelli Allen

Reviewer’s report:

1. Include the sample size in the abstract
2. It would be helpful to include some general information about the impact / prevalence of TJD among adolescents, since this is the specific target patient group.
3. Chart 1 includes a line for those with TMD absent and indicate s they will have “follow-up.” Does this mean they will have follow-up assessments or follow-up clinical care apart from the study. If the former, a rationale and description needs to be included in the manuscript.
4. It would be helpful to include a sub-heading for Measures.
5. The section on Evaluation of mandibular ROM states when the procedures will be carried out, as does the section for evaluation of pain. Are the same time points used for other measures described?
6. It is not necessary to include the DIMAM printout, since these data are included in the text.
7. In the Statistical section, clarify the comparisons – e.g., are the statics comparing across groups? Pre-post? In general the analysis plan could be a bit better described.

Level of interest: An article of importance in its field

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.