Reviewer's report

Title: Association between gross motor function and postural control in sitting in children with cerebral palsy: A study of 139 children

Version: 2
Date: 30 January 2015

Reviewer: Regina Harbourne

Reviewer's report:

Major compulsory revisions:
1. Because the GMFCS is a categorical scale, and the LSS is also a categorical scale, it is not clear how the LSS improves the care of children with CP, or why it helps in evaluation or classification, as you state in your introduction. And because the two scales have a high correlation, it appears that they may be measuring the same thing. Therefore, you need to state clearly the importance of the LSS, above and beyond the value of using the GMFCS. In other words, be explicit in why we need the LSS if it is giving us essentially the same information as the GMFCS; does it discriminate better? Is it more sensitive? Is it more useful in children with a greater severity of CP, and less useful in children with mild CP?

2. In the results, you start grouping according to age. This should be stated in the introduction, and mentioned in the methods. Please explain why you began grouping according to age, when age was not mentioned in your objectives for the study. Also, p. 8, line 21, you give a % of "children". This is not clear - what is your definition of "children"? I don't think this is needed if you already indicate the ages and groups.

3. Considering #2 above, you have results with percentages of "children" pp. 8-9, which appear unnecessary.

4. Although you clearly state that you are looking at the relationship of the SCPE to GMFCS and LSS, it is not clear why you feel this is important. The first time you mention it is on p. 6 in your aims; please clarify, in the introduction, why you want to examine this variable.

5. Your results appear to be just listed; this section should be organized according to your research objectives.

Minor revisions:
- Page 7, line 12 - what treatment was the therapist blinded to? There is no treatment in this study as far as I can tell.
- Page 7, line 16 - re-write sentence, check English

Level of interest: An article of limited interest

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