Reviewer’s report

Title: Neuromuscular adaptations after a rehabilitation program in patients with chronic low back pain

Version: 1 Date: 29 May 2013

Reviewer: Karen Søgaard

Reviewer’s report:

The authors have given detailed and careful responses on all concerns and the paper has been thoroughly revised, although the study still presents with some major shortcomings.

These major limitations can however not be changed at the present stage and in spite of these weaknesses the paper presents interesting data.

Minor issues can still be solved:

What is meant by “to maintain an upright position” in the Sorensen test?

Consider to include the information on EMG analysis details given in your responses also in the method section of the paper.

Consider to mention in the legend and/or in the method section, why the unit cannot be given for fig 2. Both reviewers were puzzled so probably a large part of the readers would too...

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