Reviewer's report

Title: Influencing walking behavior can increase the physical activity of patients with chronic pain hospitalized for multidisciplinary rehabilitation: An observational study

Version: 0 Date: 19 Oct 2018

Reviewer: Anna Brzęk

Reviewer's report:

Please include all comments for the authors in this box rather than uploading your report as an attachment. Please only upload as attachments annotated versions of manuscripts, graphs, supporting materials or other aspects of your report which cannot be included in a text format.

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Here are some suggestions for authors to consider below:

1. Key words: authors should be decided small or lowercase letters

2. Background: Authors wrote on abstract (lines 42-43) "..to access moderate-to vigorous physical activity (MVPA)...." But in background were not information about MVPA - Authors should consider clarifying this chapter. The authors generalize towards global physical activity. It should be clear, what kind of physical activity, exercises? In my opinion this chapter is too long.

3. Methods (Study design and setting): In this chapter authors should consider short comment about functional testing and interdisciplinary program (Reader should know something about exercises therapy, vocational therapy...(line 126-130)

4. Has the study been approved by the Bioethical Committee? Is it conformed to the Helsinki Declaration? Did all of the patients provided written informed consent prior to the study, including enrolment and data collection?. Please explain

5. Simple size : this chapter is necessary to clarify for example (Raosoft, Inc. US. 2004) -the margin error of 5%, with a confidence level of 95%, and a population size of 300, to give a sample size of 169 pupils.

6. Instrument: the Kappa Statistic should be used as a measure of intra-examiner reliability and intraclass correlation coefficients as a measure of reliability for this method.
7. Results - (1) "The GLMM (Model 1, Table 3) inferred that a significant difference existed between…" What type of coefficient was observed? Please provide quantitative data. Were there observed any differences between men and women in each models?

8. Discussion: (a) The discussion can be shortened - The discussion is too global and widely.

9. Conclusions: Please add short Implications for Practice

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

Quality of written English
Please indicate the quality of language in the manuscript:

Not suitable for publication unless extensively edited

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