Reviewer’s report

Title: One-minute stair climbing, 50-foot walk, and timed up-and-go were responsive measures for patients with chronic low back pain undergoing lumbar fusion surgery

Version: 0 Date: 16 Oct 2018

Reviewer: Arjun Ballal

Reviewer's report:

COMMENTS:
The title can be made more understandable and concise.

Abstract:
1) The abstract is the face of any article and has to be properly written.

2) Kindly, start the materials and methods with the type of study.

3) The results here can be better presented with all the statistics better explained.

4) What was the statistical method used?

5) The conclusion can be made more concise in the abstract.

6) Kindly, avoid keywords from the title.

7) 'Aims and objectives' of the study needs to be mentioned under a separate heading in the abstract.

Introduction:
1) Kindly, rename 'background' as 'introduction' in the case file.

2) The introduction is unnecessarily long and can be made concise.

3) The 'aims and objectives' need to be mentioned in the study.

Materials and methods:
1) Materials and methods is nicely written.

2) Check for spelling mistakes.
3) Kindly, add the tables at the end of the study and only mention the appropriate no of the tables.

4) Kindly, rewrite statistical analyses properly as most of it is not understandable for the first time reader and mention the graph numbers corresponding to the data.

Results:
1) The results need to be properly written.

2) Kindly, avoid mentioning tables between the literature and mention all tables at the end.

Discussion:
1) The discussion is unnecessarily long and can be reduced in size. Only the important data needs to be mentioned.

2) The results need to be compared to similar studies and must be presented.

References:
1) Kindly, mention the references in Vancuver format and must not be mentioned like this.

2) References which are older than the year 2000 need to be updated.

3) Kindly, avoid using the term 'et al' in the references and mention the names of all authors.

Graphs and images:
1) Kindly, provide clinical images.

2) Kindly, provide adequate legends explaining the graphs.

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

No

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

Yes

**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:

Needs some language corrections before being published

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