Reviewer’s report

Title: Age independency of mobility decrease assessed using the Locomotive Syndrome Risk Test in elderly with disability: a cross-sectional study

Version: 0 Date: 04 Oct 2017

Reviewer: Soham Snih

Reviewer’s report:

Manuscript #: BGTC-D-17-00178

Title: Age independency of mobility decline assessed using the Short Test Battery for locomotive syndrome in elderly with disability: a cross-sectional study.

Comment: Since this study is of cross-sectional design, the word "decline" is not the appropriate one. The participants are not been observed for decline.

Abstract: Concise and specific.

Comments:

The objective is somehow not very clear. The Short Test Battery are tests that assess lower extremity function. Measuring them at one time gives information on how well or bad an individual does. With a cross-sectional design study, we only can say that the scores are high or decreases with age but not decline.

Introduction: The literature used is pertinent to the study.

Comment:

The objective need to be more clear.

Methods: The study design was cross-sectional. Description of all variables and instruments included in the study were provided. Statistical analyses used were appropriate.

Comments:

Please provide the score range for the two-step test in this section.

Results: Four tables and one figure well presented.

Comments:
It will be informative if findings presented in Table 4 for healthy individuals are presented for disabled subjects too.

Discussion:

- Previous pertinent literature was compared with author's findings.
- Study implications were identified.

Comment:

One of the study limitations is the cross-sectional design to study decline. This need to be acknowledge in this section.

References: There were 26 and all appropriate.

Minor comment: The words "decline", "decrease" and "deterioration" are used interchangeable throughout the manuscript. Please be consistent. Probably the most appropriate word is "decrease" or "poorer performance".

**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.

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 am able to assess the statistics

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Please indicate the quality of language in the manuscript:

Acceptable
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