Reviewer's report

Title: Universal goniometer and electro-goniometer intra-examiner reliability in measuring the knee range of motion during active knee extension test in patients with chronic low back pain with short hamstring muscle

Version: 0 Date: 10 Sep 2018

Reviewer: Chi Ching Gary Chow

Reviewer's report:

This manuscript provided a valuable assessment on the reliability of using electro-goniometer and universal goniometer to assess the joint angle during active knee extension test. The background and methods are clearly presented. It is believed that the recent data is useful to researchers to assess the range of motion by different measurement. However, there are many typo errors in the discussion session and the tables attached. Some information should be also clarified. I am hesitate to accept this manuscript in this moment.

The comments will be provided in details below:

Page 5, line 13, please explain what is the rationale of the study.

Page 11 line 45, "According to Norkin and White, 2 reliability levels show higher scores... Is the "2" a typo here?

Page 11 line 47, "In other study, Singh-referred..." What is "Singh-referred"?

Page 11 line 61 "degree that..." Add space between "degree" and "that"

Page 12 line 27, "Suggestions for futur studies..." It should be "future"

Page 12, line 36 - 40, Conclusion. The conclusion should response the aim of the study.

Page 12, line 47, Why do you mention the "ANCOVA"? I did not see how you use it in your analysis.

Page 12, line 55, "(reference number: 94217). This number is different from the one mentioned in page 5, line 32 - 45. Which one is correct?

Table 2 and Table 3, the number of participants in Static Stretch (n=17), and control (n=18) are different from the data shared in the manuscript
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.

No

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

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

Needs some language corrections before being published

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