Reviewer’s report

Title: Intra-rater reliability of hallux flexor strength measures using the Nintendo Wii Balance Board

Version: 1 Date: 11 May 2015

Reviewer: Martin G Gronbech Jorgensen

Reviewer’s report:

I find the submitted paper original, innovative and of clinical relevance to both researchers and health professionals. However, I do have some major and minor concerns, which I believe should be addressed before potentially being published.

Major concerns

- The publication does not follow the GRRAS checklist for reporting of studies of reliability and agreement, which can be found on www.equator-network.org/. Thus, please revise the paper according to the GRRAS checklist.
- Please provide data on SEM and MDC - the statistical section states that they will be calculated. However, I could not find these data in the results section (although %error might be a similar outcome to SEM).
- Finally, I’m missing a section in the discussion on the clinical and research implications with respect to the agreement outcomes found in the current study.

Minor concerns

- Please describe the method for enrollment – was it random, consecutive or convenient?
- How was the sample size determined?
- Test for heterodasticity in the data and choose appropriate statistical analysis accordingly
- Please describe the experience of the rater
- Please state what the measuring unit was for the procedure – in addition this information should be added to the y-axis in figure 3

Level of interest: An article of importance in its field

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