Reviewer's report

Title: Improvements in lower-limb muscle strength and foot pressure distribution with foot care in frail elderly adults: A randomized controlled trial from Japan

Version: 0 Date: 01 Aug 2018

Reviewer: Daniel López López

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.

Please overwrite this text when adding your comments to the authors.

The topic is one of importance given the high number of elderly adults showing foot problems. If conducted with academic rigor, this article has the potential to be of value for practitioners and policymakers around the prevalence, cost and prevention of complications for geriatric with foot conditions. Furthermore, in my opinion the topic and premise of the study would sit well within the journal to which it was submitted. The authors should be commended for undertaking this study, however, there are a major concerns with the manuscript that require attention prior to publication. These will be discussed below relative to the sections of the manuscript.

- TITLE

The title is correct as it reflects correctly the objective of the work.

- SUMMARY

Correct

- INTRODUCTION:

The introduction section did not provide a clear rationale for carrying out the study (for example, why is your research question important? What gap in the literature is the study addressing?

I suggest in this section should be improved, with more information related with importance of the foot health, more info in Attitude and knowledge about foot health: a spanish view. https://www.ncbi.nlm.nih.gov/pubmed/28403336

Also, please describe the objective in this section.

- MATERIAL AND METHODS: In this section, you need to clearly describe how individuals were approached, how many were approached, how many were eligible, consented or refused may be recommended in order to improve the quality of the manuscript.

Likewise more detail about information calculate sample size and data should be provided.

Lastly, please provide the name of the ethics committee, approval date and more explain aspects ethics and legal requirement about this research.

- RESULTS:

The results in basis of the used method are correct.

- DISCUSSION:

In general the discussion of the results of the study is correct, authors describe the results, the limitations and compare with other researchs.

Although, the authors may want to review and compare in this section the article entitled Footwear used by older people and a history of hyperkeratotic lesions on the foot: A prospective observational study.


- https://www.ncbi.nlm.nih.gov/pubmed/27992021. These comments can be shared with the author.

CONCLUSION: These conclusions need to be softened, modified a in order to reflect only the study findings.

FIGURES AND TABLES: Correct.
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:

Acceptable

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

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