Reviewer's report

Title: How stable is lung function in patients with stable chronic obstructive pulmonary disease when monitored using a telehealth system? A longitudinal and home-based study

Version: 0 Date: 28 Dec 2019

Reviewer: Leila Ahmadian

Reviewer's report:

It is a well written manuscript that can be published after revision. From the title of the manuscript readers can not get an insight about the topic discussed in the manuscript. The following statement mentioned in the results section of the abstract is not the finding of the current study "although it was unusual with a decrease of more than 50 mL per measurement of FEV1 between three consecutive measurement days". The first sentence of the conclusion in the abstract is not suitable. Please summarize the main findings of the study. About the sampling not only a limited number of participants recruited but also the sampling method was not described. Do authors have any estimation about the total study population? The study period is quite long. Is there any reason for that? Did the authors contacted the patients during the study period? If yes? How frequent? Was there any reminder system to remind patients to do the measurements? What is the implication of the study and the future plan?

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 recommend additional statistical review

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

Acceptable

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