Reviewer's report

Title: Validity, reliability and feasibility of commercially available activity trackers in physical therapy for people with a chronic disease: a study protocol of a mixed methods research

Version: 0 Date: 14 Jul 2017

Reviewer: Nikolaos Chynkiamis

Reviewer's report:

Systematic review to identify your research question.

Up to date activity monitors valid in disorders.

Rationale: Based on rationale please state your testable hypothesis.

Ethics approval: Please provide more details for ethics committee application procedure.

Inclusion criteria: Please provide more details about your inclusion criteria for each chronic disease: i.e. severity or stage of disease, age of participants.

Exclusion criteria: Please provide more details about your exclusion criteria: i.e. no clinical stable patients or no optimal medical treatment.

Power calculation: Please provide effect of size and mean±SD values that you used for your power calculation.

Please replace reference 2 with World Health Organisation details.

Please use article from Rabinovich et al., 2013 to discuss validation protocol of activity monitors in COPD.

Please try to use more specialized literature.
Level of interest
Please indicate how interesting you found the manuscript:

An article whose findings are important to those with closely related research interests

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:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

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5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

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