**Reviewer's report**

**Title:** Unsupervised progressive elastic band exercises for frail geriatric inpatients objectively monitored by new exercise-integrated technology - a feasibility trial with an embedded qualitative study

**Version:** 0  **Date:** 15 Aug 2017

**Reviewer:** Gillian Lancaster

**Reviewer's report:**

This is a well written paper and should be of interest to readers working in this subject area. I have a few comments below for the authors to address.

As this is not a trial the word 'trial' in the title would be better changed to 'study' to avoid confusion with randomised trials.

There was no age based inclusion criteria. Was this deemed unnecessary, please comment.

At the end of the data analysis section please add a rationale for the sample size initially targetted and what it was.

Please also add a brief description of the quantitative methods used in the analysis e.g. Mainly descriptive using mean(sd) to summarise continuous measurements, median (IQR) to summarise skewed data and count (percent) for categorical data.

On page 10 which question was added after piloting, please specify.

On page 13 how was 'lost will to live' determined, the table suggests a decline in general condition, please explain.

On page 14 line 257 please make clear in the text that figure 4 contains two examples (and not data for all patients).

Reference 25 is in capital letters, please amend.
In Table it would be clearer to write out the text in the exercise level column in full, and not abbreviate.

Some evidence eg. Letter is required from the ethics committee to show that permission was not deemed necessary.

**Level of interest**  
Please indicate how interesting you found the manuscript:

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Acceptable

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