Reviewer’s report

Title: Multifactorial intervention for hip and pelvic fracture patients with mild to moderate cognitive impairment: Study protocol of a dual-centre randomised controlled trial (OF-CARE)

Version: 2 Date: 18 Feb 2019

Reviewer: Morag Taylor

Reviewer's report:

Manuscript Number: BGTC-D-17-00607R2

Full Title: Multifactorial intervention for hip and pelvic fracture patients with mild to moderate cognitive impairment: Study protocol of a dual-centre randomised controlled trial (OF-CARE)

Article Type: Study protocol

Overall

The authors have adequately responded to many of my concerns. I still have one major concern regarding the primary outcomes. Although the authors have revised the manuscript, I still feel the manuscript does not state the measurement time-points for the primary outcomes clearly.

Major

Please consider further revising the manuscript regarding the primary outcomes and their measurement time-points. These revisions could also include adding measurement time-points for the primary outcome to Table 3 (with either an alternate symbol or a superscript and footnote) and in the section titled 'Primary outcome measures'. The CONSORT/SPRIT guides and Boutron 2017 (Annals of Internal Medicine) give examples of how to clearly state outcomes and measurement time-points.

Minor

Is adherence/treatment fidelity going to be measured/reported, should it be included as an outcome?

P11, line 253: 'choses' should be 'chooses'

P13, line 271 - 'based on own previous work' should be 'based on our own previous research'?
Table 2, Intensity: 10-12 repetitions a 10s: needs review, should this be 10-12s repetitions of 10s?

Frequency, second column: at should be on?

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.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

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.

Yes

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.

Not relevant to this manuscript

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?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

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.

I declare that I have no competing interests

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal