Reviewer's report

Title: Bright light therapy vs. physical exercise to prevent comorbid depression and obesity in adolescents and young adults with attention-deficit / hyperactivity disorder: study protocol for a randomized controlled trial

Version: 0 Date: 31 Oct 2017

Reviewer: Felix Caballero

Reviewer's report:

I have read the manuscript entitled "Preventing comorbid depression and obesity in adolescents and young adults with attention-deficit / hyperactivity disorder - study protocol of the pilot, multi-centre, 3 investigator-blinded, parallel-group, randomized-controlled phase-IIa PROUD trial" (TRLS-D-17-00840), based on randomized-controlled trial which is aiming the prevention of comorbid depression and obesity in adolescents and young adults with attention-deficit / hyperactivity disorder. The manuscript is well-written and explores in detail the main issues of a study protocol. However, I think it is extremely large for the standard of a scientific article. Specifically, I think that the Background section should be shortened. The main aspects relevant for the protocol should be included in the main text, but other ones should be placed as supplementary material. This is also the case for the Methods section, with an "Outcome measures" subsection too large. In general terms, I think that the authors should revise this version of the manuscript and to consider the use of supplementary material files, in order to make easier the reading of the manuscript and to help to understand better the main findings that are aimed.
**Level of interest**
Please indicate how interesting you found the manuscript:

An article of importance in its field

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

Acceptable

**Quality of figures**
All images and figures within the manuscript should be genuine i.e. without evidence of manipulation. No specific feature within an image may be enhanced, obscured, moved, removed, or introduced. If you have concerns about the veracity of the figures you should choose the first option below.

**Statistical review**
Is it essential that this manuscript is seen by an expert statistician? If so, please give your reasons in your report.

**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