Reviewer's report

Title: Effect of Laser Acupuncture on Obesity: Study Protocol of a Patient-Assessor-Blinded, Randomized, Sham-controlled Crossover Trial

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Reviewer: Seungwon Kwon

Reviewer's report:

The following paper discusses the protocol of RCT for the effect of laser acupuncture on obesity. The process of protocol, statistical method, and evidence of subject numbers are well defined. However, I think that following correction is needed.

<Major Compulsory Revisions>
1) The modification is necessary to study design. Cross over design is not suitable to evaluate an effect of intervention on obesity, because there can be a difference of obesity treatment effect between a start point and a middle point. Therefore, a simple case-control design which needs more subjects is more suitable to evaluate hypothesis of this study.

<Discretionary Revisions>
2) The processing of the present study is well defined in manuscript; however, an additional mention is needed. There is no explanation on washing out period. Is there any reference for 2 weeks washing out period? or is this discretionary value? Authors should present some evidence to support this decision.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests