Reviewer's report

Title: Analgesic effect of cathodal transcranial current stimulation over right dorsolateral prefrontal cortex in subjects with muscular temporomandibular disorders: Study protocol for a randomized controlled trial

Version: 2
Date: 22 July 2015

Reviewer: Helen Wakeford

Reviewer's report:

The manuscript is much improved.

I believe the authors addressed each reviewer's comments separately but I don't seem to be able to see this. My remaining major concern is:

1. I don't understand the rationale for only taking a measurements of pain immediately after treatment. I understand that longer-term follow up is impossible in this protocol due to the crossover nature of the design, but in that case I struggle to see the translational applicability of the results of the trial. If the results were positive for tDCS all this would show is immediate relief - it would say nothing about whether this lasts longer than a few minutes. In this case, is this more of a 'proof of principle' trial? I feel that a more useful trial would not be crossover and have more follow up points.

I think that clinical opinion would be helpful on this.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests