Reviewer’s report

Title: Change in the P300 Index - A Pilot Randomized Controlled Trial of Low-frequency Electrical Stimulation of Acupuncture Points in Middle-aged Men and Women.

Version: 0 Date: 23 Jan 2017

Reviewer: Stephanie Tjen-A-Looi

Reviewer’s report:

To avoid misconception, electrical stimulation at acupoints should be described as points since this type of stimulation is different from acupuncture.

The discussion that a male participant likely has higher work related stress than their counter part should be substantiated with the lifestyle of the subjects enrolled in the study. How was stress determined?

Were there non responders to the treatment?

Was there a follow up on the effect after the stimulation? Was the effect long lasting?

Line 37, page 1 of introduction: what does the word even mean in the context of the sentence?

Line 27, page 2 of introduction: the word solve should be replaced with reduced.

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

Unable to assess

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?
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Unable to assess

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
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I recommend additional statistical review

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

Acceptable

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