Reviewer’s report

Title: Repetitive transcranial magnetic stimulation over primary motor vs non-motor cortical targets; effects on experimental hyperalgesia in healthy subjects

Version: 1
Date: 20 May 2014

Reviewer: Mera Barr

Reviewer’s report:

Major Concerns:

1. What intensity was the rTMS delivered? The abstract states 90%, but the methods sections states 85%.
2. How was the coil held during stimulation (e.g., angle)? Was this similar for the occipital stimulation?
3. Rationale for using the OCC as a control should be provided in the introduction. Why was a “no rTMS” condition included when OCC was considered as a control? During the “no rTMS) condition, the subject should have went to the rTMS lab for the same amount of time at least to try to minimize the differences between these conditions.
4. Using the 5-cm rule to target the DLPFC should be recognized as a limitation to the study.

Minor Concerns:

1. Introduction line 7 add in “repetitive” transcranial magnetic stimulation.
2. Please be consistent with using rTMS or TMS.
3. OCC needs to be defined on the first use.

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

Quality of written English: Needs some language corrections before being published

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