Reviewer's report

Title: The influence of Methylphenidate on the power spectrum of ADHD children - a MEG study

Version: 3 Date: 29 June 2005

Reviewer: Tomás Ortiz Alonso

Reviewer's report:

I have checked authors' response, and most of the initial Major Compulsory Revisions have been answered. However, probably the most important concern, addressed in point one (the lack of a placebo-placebo group) has not been satisfactorily answered. In my point of view, the study design does not permit to establish a clear causal relationship between treatment and observed MEG modifications. This is equally valid for the increase of D2 test scores after treatment, although it can be accepted that practice is only responsible of a small portion of scores' modification.

These concerns still make me consider the manuscript of a limited interest.

Level of interest: An article of limited interest