Reviewer’s report

Title: Explaining delusions of control: a comparison of motor related neuronal activation during and after acute psychosis.

Version: 2 Date: 13 May 2012

Reviewer: Raffaele Popolo

Reviewer’s report:

The article is very interesting and deserves to be published, but there are some revisions that the authors should be made before publication (Minor Essential Revisions).

The proposed model explains some types of delusions and hallucinations, as is said in the title; explain why in the introduction and conclusions the authors speak of delusions in general (for example, this model is probably not relevant in the paranoid delusions).

Authors should indicate the type of schizophrenia found in the sample of patients evaluated, considering the heterogeneity of the disorder. In particular, authors should indicate the type of positive symptoms, with the differences that emerged in the results about the hemispherical location.

The authors can tell if there are differences between patients Treated with conventional or atypical antipsychotics? This is interesting to show whether this failure is independent from the type of drug treatment, since drugs act differently on cognitive and metacognitive, or if there is only a correlation between the test results and symptoms.

Why the results of the PANSS were placed in the "Methods"?

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' below