Reviewer's report

Title: Auditory change detection in schizophrenia: sources of activity in patients with a first episode in adolescence, and patients 14 years after an adolescent illness-onset.

Version: 2 Date: 28 October 2005

Reviewer: Werner Lutzenberger

Reviewer's report:

This is in principle a solid study. My main concern is that there seems to be a considerable, almost complete overlap with reference 42. The authors have to clarify this and clearly state the new aspects. Another problem is the very extensive interpretation of the results of the dipole fits as true sources of the brain activity. Fit results give in principle equivalent sources, but are not able to proof the existence and location brain sources.

The main conclusion seems to be that there is a considerable variability between patients. But is this a new result?

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Minor Essential Revisions
on page 7, clarify [1,46-48,48]
on page 11, adjust Jemel et al. to the citation style
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What next?: Unable to decide on acceptance or rejection until the authors have responded to the major compulsory revisions

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

Quality of written English: Acceptable

Statistical review: No