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Cognitive correlates of neuroimaging abnormalities in the onset of schizophrenia:

A case report

REVIEWER 1

The article "Cognitive correlates of neuroimaging abnormalities in the onset of schizophrenia" I can recommend for a publication in WJP. This case report is novel and well designed. But before publication it needs some minor changes. Nevertheless that the main focus are cognitive function the authors should add a brief results of Rorschach test. And secondly in the Figures it would be helpful to mark the findings for non MR familiar readers.

We would like to acknowledge the reviewer for the valuable comments to our manuscript. Through your comments, we were able to improve the quality of our paper. Below you main find our answers to your two remarks.

Remark#1. We agree with the reviewer that Rorschach test is interesting. However, the Rorschach test is not used as a routine procedure in our Clinic. Indeed, in our study we have focused on the cognitive feature and on the neuropsychological features, rather on the psychodynamic ones. For these reasons, and in the framework of our clinical procedures, we have not performed the Rorschach test when the patient was hospitalized in our psychiatric ward. However, we would like to thank you for this remark. We will take it in considerations in our future studies and clinical evaluations.

Remark #2. Concerning your second remark we have highlighted the brain alterations with white pointers, to make images more understandable. In particular, Figure 1 and Figure 2 have been revised.

Regards,

The authors.

REVIEWER 2

The authors describe a case with schizophrenia presenting parietal MR/PET abnormalities and cognitive impairment, documented by specific neuropsychological tests. This case shows that impairment in specific cognitive domains is associated with structural/functional brain abnormalities in the corresponding brain areas (frontal and parietal lobes), supporting the hypothesis of disconnectivity, involving a failure to

integrate anatomical and functional pathways. In my view, this paper provide interesting an didactic knowledge and is suitable for publication.

Thank you for your revision of our paper. We would like to acknowledge the reviewer for the valuable comments to our manuscript.

Regards,

The authors.