Reviewer's report

Title: Acute infarct of the corpus callosum presenting as alien hand syndrome: evidence of diffusion weighted imaging and magnetic resonance angiography

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Reviewer: Keisuke Suzuki

Reviewer's report:

The authors have reported a patient who developed alien hand sign, intermanual conflict and diagnositic dyspraxia due to corpus callosum infarction. I have some comments on this case report.

Major point:

Because these symptoms are commonly known to be caused by impairment of corpus callosum, I wonder this case report give us additional clinical implication. In addition, imaging technique performed in this case report such as MRI and MRA is routinely used method in clinical setting. In discussion section, authors should focus more on the point which thought to be rare in the patient. The authors mainly discuss on the definition and classification on alien hand syndrome in the literature.

Minor point:

#Please describe what treatments were given to the patient.

#It would be better to add more detailed information on the patient’s higher cerebral function: MMSE or frontal function tests, FAB etc.

#The last sentence at the last page: did authors perform functional MRI?

#Please check the horizontal to vertical ratio of the figures: they look compressed.

#In the figure, please indicate which side is right or left?

#In the figure of MRA, please remove unrelated part at the left-bottom of the figure.

Level of interest: An article of limited interest

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.