Reviewer’s report

**Title:** Deterioration of pre-existing hemiparesis due to injury of the ipsilateral anterior corticospinal tract

**Version:** 2  **Date:** 13 August 2012

**Reviewer:** Akira Kunimatsu A Kunimatsu

Reviewer’s report:

This case report describes deterioration of muscle weakness possibly caused by an ischemic injury to uncrossed corticospinal tract (CST) at the pons. The authors attempt to show the injury to the uncrossed CST by diffusion tensor tractography. I think this case report is of interest, but some fallacies need to be fixed before acceptance for publication.

Major compulsory revision:

1. I was wondering if the tractogram of the CST in the figure could be trustworthy, because no pyramidal decussation was seemingly demonstrated. I guess the authors are going too far with not-so-convincing tractography results. I think this report would be more reliable if the authors could show regions of interest that they actually employed and rewrite the interpretation of the tractography results in a more careful manner.

Minor essential revision:

1. In 6th line of the first paragraph of the discussion, “an infarct in the right MCA territory” should be “left” instead of "right."

Discretionary revision:

1. As is written above, the authors should show regions of interest they actually employed in the figure.

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

**Quality of written English:** Needs some language corrections before being published

**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.