Reviewer's report

**Title:** Cognitive and psychosocial development of HIV pediatric patients receiving highly active anti-retroviral therapy: a case-control study

**Version:** 1  **Date:** 23 August 2010

**Reviewer:** Bruce Brew

**Reviewer's report:**

The major issue with this study is the definition of HIV encephalopathy by imaging. The latter is not a radiological but rather a clinical diagnosis. Furthermore, the results need to be placed in a clinical context - are the abnormal findings in relation to behavior likely to significantly affect the patients’ lives, adherence to medications etc.

Additionally, the discussion is too long and in the main repeats the results rather than analyzes them.

**Level of interest:** An article of limited interest

**Quality of written English:** Acceptable

**Statistical review:** Yes, but I do not feel adequately qualified to assess the statistics.

**Declaration of competing interests:**

I declare that I have no competing interests