Reviewer's report

Title: HIV-associated neurocognitive disorders in sub-Saharan Africa: a pilot study in Cameroon.

Version: 1 Date: 22 April 2010

Reviewer: Ingo Uttner

Reviewer's report:

Georgette Kanmogne and coworkers present an interesting study, which is nicely written, methodically well performed and concise in its conclusions.

Minor essential revisions:

Nevertheless, I have some doubt, if the cognitive impairment profile reported here is really representative as suggested. So, the authors did investigate primarily urban dwellers who are well trained in academic skills (educational level: 12 y, Table 2), but what is with the rural HIV+ population? Did they have similar neuropsychological deficits as subjects who are more familiar with the “Western” lifestyle? Moreover, how feasible are the tests used here in terms of culture fairness and ecological validity? Given the fact, they are: How could be dealt with differences due to different educational levels? Although some aspects have been already addressed (p 11 ff), authors should discuss these important issues more in detail.

Discretionary revisions:

Were the significances shown in Table 1 corrected for multiple testing? If not, why?

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

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