Reviewer's report

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

Version: 1 Date: 20 April 2010

Reviewer: Inga Zerr

Reviewer's report:

The objectives of this study were to determine whether Western neuropsychological (NP) methods are appropriate for use in Cameroon, and to evaluate cognitive function in a sample of HIV-infected adults. The authors used a battery of 19 NP measures in a cross-sectional study with 44 HIV+ adults and 44 demographically matched HIV- controls, to explore the validity of these NP measures in Cameroon, and evaluated the effect of viral infection on seven cognitive ability domains. Significantly lower performance was seen in the HIV+ sample on tests of executive function, speed of information processing, working memory, and psychomotor speed. HIV+ participants with AIDS performed worse than those with less advanced HIV disease.

This study is well-planned and carried out, the results are clearly presented. I have no further comments except to shorten the manuscript by omitting the repeating information.