Reviewer's report

**Title:** Anaemia in HIV-infected children: Severity, types and effect on response to antiretroviral therapy.

**Version:** 1  **Date:** 11 July 2012

**Reviewer:** daniela cristina Stefan

**Reviewer's report:**

Major compulsory revisions

Interesting paper on a common subject "Anemia and HIV in children in Uganda "- correlation of the severity, types and effect on response to ARVs

Many other papers published in the same field

No different results from literature

Scientifically- no definition of hemoglobin levels according to the age

In the abstract (results) anemia is considered below 11g/dl regardless of the age of the child

No RPI discussion (limited to reticulocyte production)

In the "Outcome measures" again no correlation with the ages of the patients (very broad 3months-18 years)

The validity of the "post treatment score" calculated according to the percentage 10 and 15% as well as the "change score" -?

No iron studies as well as no exclusion of other possible causes to induce anemia

The affirmation : The prevalence of anemia in this group was lower than in other studies...) not explained by the higher mean age- any corrected age, any previous factors, etc

No comparison to the levels of hemoglobin in the population (age related)

No new contribution to the literature

Long article

Too many tables with little information

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

Declaration of competing interests:
I declare that I have no competing interests