Reviewer's report

**Title:** Weight and height Z-scores improve after initiating ART among HIV-infected children in rural Zambia: a cohort study

**Version:** 1  **Date:** 15 November 2010

**Reviewer:** Elena Chiappini

**Reviewer's report:**

This is a well-written manuscript, addressing the fundamental topic of ART effects on growth in children in an African not urban area. Objective are clear, methods correct and results were well-reported. Discussion is appropriate and study limits are well-addressed. Although the results are not outstanding they may contribute to characterize the problems connected to the management of HIV-infected in children receiving ART in this setting, focusing on nutritional interventions.

Minor discretionary revisions

I would suggest, if it is possible, to describe other possible factors that may at least partly influenced the study results, including comorbidities (i.e. tuberculosis,…).

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

**Quality of written English:** Acceptable

**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**

I declare that I have no competing interests