Reviewer's report

**Title:** Measuring adherence to antiretroviral therapy in northern Tanzania: feasibility and acceptability of the Medication Event Monitoring System

**Version:** 3 **Date:** 31 December 2010

**Reviewer:** Melissa Watt

**Reviewer's report:**

The authors provide thoughtful responses to the reviewers' comments, and the manuscript is improved with the edits. Some minor things to still address before publication:

- Typos: line 322 should be 'losing' and in line 282 'patients’ needs an apostrophe

- Line 97: I still don't understand the description of the cost of MEMS. What is the denominator for the cost you present? In other words, per 100 WHAT?

- Since health care provider data is removed, the abstract needs to be updated accordingly.

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

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