Reviewer’s report

Title: Effect of a multi-faceted quality improvement intervention on inappropriate antibiotic use in children with non-bloody diarrhoea admitted to district hospitals in Kenya.

Version: 1 Date: 7 June 2011

Reviewer: Antonio Clavenna

Reviewer’s report:

Despite some limitations (acknowledged by the authors), the study was well designed and performed and the paper is quite clear and well written. I have only a few discretionary and minor essential revision.

Minor essential revision:
1. Figure 5 is missing

Discretionary revisions:
1. A comparison with other studies concerning intervention to improve appropriate use of antibiotics should be made. In particular, the Cochrane systematic review by Peter Davey et al. should be cited.
2. I think it may be useful to report the number of children with non bloody diarrhea by hospital. Looking at Figure 4 I guess that in some hospitals the number of children is low.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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'