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: 2 Date: 5 October 2011

Reviewer: Kumud K Kafle

Reviewer's report:

Reviewer's report: Major Compulsory

1. It is not clear about the differences in the contents of training for two groups (5.5 days for full intervention group and 1.5 days to partial intervention group). It was asked in my previous comment.

2. Number of groups the staff (30-34 in full intervention group and 35-40 in partial intervention group) were trained? I could not find answer to this comment.

3. Number of recommended practice discussed during the training in each group?. I could not find answer to this comment.

4. What were the contents of face-to-face feedback?. I could not find answer to this comment.

5. The supervision was 2-3 monthly and face-to -face feedback was 6-monthly, what was the purpose of two supervisions in 6 months and how the supervision data (information) used? What data (information) was collected in each supervision?.It is not clear in the manuscript.

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 interest.