Reviewer’s report

Title: Poor weight gain in low birth weight infants following hospital discharge in Kampala, Uganda

Version: 2 Date: 9 November 2011

Reviewer: R. Mauricio M Barria

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Major Compulsory Revisions
1. Although the authors state that did not use statistical inference, the use of probability values and confidence intervals show the contrary. Consequently, if there was no random sampling values should be expressed as punctual estimation. This point must be clarified.
2. I insist that in the tables of association or risk (OR) should perform a calculation based on total population considering the outcome failure to regain birth weight as an outcome. But are estimating only a subset of cases.
3. The criterion for considering the multiple births as independent observations is arbitrary and there is no justification for it. This makes the incorporation of a bias because the environment and care, including food, derived from the same mother.

Minor Essential Revisions
1. If the distribution was assessed for continuous variables should specify the test or how to evaluate this aspect.
2. For the sample size estimation should be clarified the level of statistical significance (#) and power (#). These are different concepts.
3. The table 2 shows categories >32 and >32#32 for the variable gestational age. This should be corrected.

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.

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