Reviewer’s report

Title: Awareness, use and associated factors of emergency contraceptive pills among women of reproductive age (15-49 years) in Tamale, Ghana

Version: 2
Date: 19 June 2014

Reviewer: Zelalem Birhanu Mengesha

Reviewer’s report:

Major compulsory revisions

1. The process of determining the sample size is not described in the methods section. How did you calculate the sample size (200)? What were the assumptions made?

2. Confidentiality is one of the ethical principles when conducting a research. You should describe specifically what you did to keep confidentiality when you were conducting this study? For example, were the questionnaires anonymous? Have you interviewed them in a private setting in case utilization of ECs is a sensitive issue in Ghana?

3. Univariate logistic regression analysis was conducted to identify factors associated to the use of ECPs. But this type of statistical test does not control the effect of confounding. This makes the conclusion about the independent association of the exposure variables with the outcome variable difficult. Therefore you should carry out multivariate analysis using logistic regression to identify the independent effect each of the exposure variables on EC use.

4. Definition of terms—some of the terms used in the manuscript requires further definition. For example: awareness—what is mean by awareness in your study or when do you say that the study participants have awareness about ECPs?

5. You have used knowledge, information and awareness interchangeably throughout the document. Do they mean the same?

6. Discussion- It would be better to compare your findings first with other similar studies from Ghana.

7. Some of the references used for this manuscript are out-of-date. For example Ref No. 1, 8, 22, 23,24,26,26. Therefore it is very good to replace with recent once(Papers published in the last 10 years).

Minor essential revisions

1. You do not need to write about the exclusion of women aged outside the reproduction (15-49). By default they are excluded because you do not ask a woman about contraceptive use if she is not in the reproduction age. In addition, an exclusion criterion refers to the women who will be excluded from the study after being selected.

2. The methods section is very brief
Discretionary Revisions
no

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

**Quality of written English:** Needs some language corrections before being published

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

**Declaration of competing interests:**

I declare that I have no competing interests