Reviewer’s report

Title: Determinants of Reproductive Health Services Utilization among Rural Female Adolescents in Asgede-Tsimbla district Northern Ethiopia: A community Based Cross-Sectional Study

Version: 0 Date: 08 Nov 2018

Reviewer: Gorrette Nalwadda

Reviewer’s report:

General comments: This is an important area of study. Generally the paper is fairly written. Generally reproductive health services are very broad, it is important to be specific to the services alluded to whenever feasible thru out the paper. Generally correct the grammar and typos thru out the paper

Title: The study design could be mentioned in the title

Abstract: Strengthen the background in this section. The objective stated in the abstract seems to differ from title, clarify. Improve the methods section as well. It is not clear why specifically logistic regression focused on safe abortion, FP, and VCT. The results are very simplistic, revise and include the findings from binary and logistic regression. Review the conclusion in line with review of the results

English summary : need to be carefully reviewed, line 67-72, it is better to report specific results other than concepts in the health belief model

Background: Re-focus the background specifically on the young female adolescents. There is need to highlight the specific problem in line with the research question the study thought to answer. There is need to have convincing arguments and up to date references. The health belief model needs to be well adapted applied to the study variables and one would expect that the model guides the result. Clarify the study aims/objective(s)

Methods: Clarify the study design and rationale, study set up; include some specific information on female adolescents.

Clarify the ethical considerations for young female adolescents as study subjects. The interviews were conducted by whom, where, what was the process of getting consent?

Clarify the pretest for 5% of questionnaires. Detail the items in lines 187-189, was this a standardized tool? Include some references to support use of this tool. Detail the analysis, and align the study objectives with the analysis

Results: the presentation is in format of a dissertation, this need to be improved. The researchers need to select the key outstanding results and present these.
Table 1, 2 need to be carefully revised, there is need for re-grouping and perhaps some comparisons to make sense of this information in line with the abortion care, FP and VCT services for female adolescents.

Table 3: need to include a detailed footnote on the items that were scored and discuss the outstanding ones in the narrative

Table 4 and the narrative need to be reviewed and clarified

Discussion: discuss the key findings- results that are relatively new specifically among female adolescents, and relate to previous work in the country or regional context. Highlight the strength and limitation and how these were be dealt with. What are the possible areas for policy and future studies?

Conclusions: review and revise the conclusion to be more specific, the model excepts can be misleading. What exactly was found and what are the implications?

Level of interest
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An article whose findings are important to those with closely related research interests

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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