Reviewer’s report

Title: Knowledge of obstetric danger signs and associated factors: a study among mothers in Shashemene town, Oromia region, Ethiopia

Version: 1 Date: 31 Dec 2018

Reviewer: Edmund Ndudi Ossai

Reviewer's report:

Comments

Abstract
Objective:
The 2018 should be removed.

Methods:
It should be Statistical Package for Social Sciences
Define Good knowledge of danger signs in the methodology section of abstract

Results:

Include the mean age of the respondents
Use majority instead of most. …….had poor knowledge of danger signs (line 39)
……….was vaginal bleeding, 64.7%. (line 41)
……….were 1.26 times (line 45)

Conclusion:
Knowledge of what was poor. Review the conclusion section so the message will be clear. What could be done to ensure mothers deliver in health facilities.

Plain summary

The result showed that only 40% women was good knowledge (line 52) This should be corrected.
Line 11; anti natal care. This should be corrected.
Plain summary should be summarized further and reviewed critically for errors of grammar.

Background
Line 29; This study was therefore aimed to assess ……. associated factors

No comment on sample size determination

Sampling technique

This should be clarified. Stage 1 was used to select kebeles
How were the households selected? (If households were involved)
How were the respondents selected?
All these should be clearly explained, either as a three or two stage sampling technique.
If a probability sampling technique was employed, endeavour to indicate the sampling frame.
This should be reflected in the abstract section; a three or two sage sampling technique was used to select ………. Instead of systematic sampling alone

Data Processing and Analysis
Review lines 29 to 40.
P value of &lt;0.25 is a cut off for inclusion into the regression model and not based on statistical significance.
Level of statistical significance is always determined by a p value of &lt;0.05
Indicate which of the independent variables where liner correlation was checked

Results

The mean age was not included
Instead of around, (line 30), use a minor proportion
Do not start a sentence with a figure.

Knowledge of danger signs
Review lines 21 - 23.

Discussion

Line 31, second paragraph, In this study instead of finding

The manuscript has several grammatical errors and should be critically reviewed by the authors. The background and conclusion sections of the abstract should also be reviewed.

**Level of interest**
Please indicate how interesting you found the manuscript:

An article of importance in its field

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

Needs some language corrections before being published
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