Author’s response to reviews

Title: Determinants of Infant Feeding Practices among Mothers Living with HIV Attending Prevention of Mother to Child Transmission Clinic at Kiambu Level 4 Hospital, Kenya: A Cross-Sectional Study

Authors:

Naureen Achieng Andare (naurandare@gmail.com)
Sophie Ochola (sochola@yahoo.com)
Peter Chege (chegepeterm@gmail.com)

Version: 3 Date: 09 Jul 2019

Author’s response to reviews:

Reviewer #2: General comment: the article had a good improvement. However, still are a few details that should be modified.

Specific comments:

1. Background: since the word "knowledge" correspond to the results in Table 4, I recommend standardizing both in the abstract and in the Table 4 as "Infant feeding practice knowledge"

   - APPROPRIATELY ADDRESSED IN THE WHOLE MANUSCRIPT – HIGHLIGHTED IN YELLOW

2. What is the difference between ARV and ART? In the abbreviation list ARV was defined as "Antiretroviral treatment", whereas in the Background section ART was also defined as "Antiretrovrial treatment". If there is no difference, I recommend using only one abbreviation. Otherwise, authors should explain in the paper the difference before used these abbreviations.

   - ALL THE ABBREVIATIONS CHANGED TO ART

3. Data analyses subsection (page 7): the descriptive statistics specified is in disorder. It should be like: "Descriptive statistics including measures of central tendency (i.e., mean and median) and dispersion as standard deviation and range, as well as frequencies and percentage."

   - ADDRESSED – HIGHLIGHTED IN YELLOW

4. Table 1 (page 8): At the end of the table were described discrete variables; however, it was written as "Media parity (median, range)". Was a mean or a median? Authors should write as "Median parity (range)", maintaining the format of the other discrete variables.

   - ADDRESSED – HIGHLIGHTED IN YELLOW

5. Table 3 (page 11): would be better using "Complementary feeding with breast milk" and
"Complementary feeding with no breast milk"
- ADDRESSED – HIGHLIGHTED IN YELLOW

6. In the results section should be explained why in the Table 4 the authors did not present the replacement and mixed feeding, as well as complementary feeding with no breast milk categories. One explanation is the lack of sample size and precision of estimates.
- ADDRESSED - HIGHLIGHTED IN YELLOW

7. Table 4 was not called in the results section. Additionally, would be more informative include a brief description of Table 4 besides relevant results (including also the information mentioned in the comment 6).
- ADDRESSED - HIGHLIGHTED IN YELLOW

Reviewer #3:

* In the abstract section, Methods: it is too short and please try to include how this 180 comes, what type of sampling procedure is used, method of analysis and the model that you were used
- ADDRESSED – HIGHLIGHTED IN YELLOW

* Why did you prefer to use COR? What about the co-founders
- RESULTS PRESENTED IN AOR, FURTHER ANALYSIS CONDUCTED AT MULTIVARIATE LEVEL (LOGISTIC REGRESSION) AND THEREFORE ADJUSTMENT DONE. NO DIFFERENCE IN THE FINDINGS – SLIGHT CHANGES IN THE P VALUE WITH NO OVERALL DIFFERENCE IN STATISTICAL SIGNIFICANCE.

* Instead of inadequate knowledge better if you use poor knowledge
- ADDRESSED – HIGHLIGHTED IN YELLOW

* Use full write up first instead of abbreviation like others consistently (HIV, line 50 and WHO line 61)
- ADDRESSED, HIGHLIGHTED IN YELLOW

* Kiambu is 92 located in Kiambu County in Kenya. Line 91 and 92. From where 92 km? in which direction. We know that in Kenya there are town and cities like Nairobi and others please try to state clearly with next sentences.
- ADDRESSED – HIGHLIGHTED IN YELLOW
Line 101 and 102, The pre-determined sample of 180 respondents were systematically randomly selected. "systematically randomly" these are two types of sampling procedure? Which one is yours? Is simple random sampling or systematically? Vs sampling interval of 3 was used to select 11 mothers per day in line 104

-ADRESSED – HIGHLIGHTED IN YELLOW

"…. Computer…. "line 131. Instead of this use for window version

- ADRESSED – HIGHLIGHTED IN YELLOW

Line 146, scored all the knowledge questions right. Needs reference.

- REFERENCE ADDED, HIGHLIGHTED IN YELLOW

Under result, Demographic characteristics of the mothers, please try to add the word SD for Standard deviation and do for the age too?

- ADDRESSED – HIGHLIGHTED IN YELLOW

Regarding the analysis of Determinants of infant feeding practices among mothers, I didn't agree with the report of COR? It should have to be AOR. Please rethink over it?

- RESULTS PRESENTED IN AOR, FURTHER ANALYSIS CONDUCTED AT MULTIVARIATE LEVEL WITH NO DIFFERENCE IN STATISTICAL SIGNIFICANCE

Revise your wording and try to make short and precise each paragraph in the discussion section

- ADJUSTED HIGHLIGHTED IN YELLOW