Author's response to reviews

Title: Fertility desire and associated factors among clients on highly active antiretroviral treatment at Finoteselam Hospital Northwest Ethiopia: A Cross sectional study

Authors:

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Date: 28 July 2015

Author's response to reviews:

Dear journal Editors!

Subject: Sending point by point response to the editor and referee comments

Dears; we sent point by point response to the editor and referees comments for our manuscript entitled “Fertility desire and associated factors among clients on highly active antiretroviral treatment at Finoteselam Hospital Northwest Ethiopia: A Cross sectional study” based on editor and referees comments. We have addressed all the comments and changes made accordingly. We attached bellow the changes with 9 pages. We hope our manuscript will be accepted to be published in the Journal of Reproductive Health.

With Kind regards

Yayehirad Alemu

Corresponding Author

MS: 2192294301533295

Point by point description of changes made in the manuscript

1. Line 1: patients was corrected as; clients
2. Line 3: hospital Northwest Ethiopia. corrected as, Hospital Northwest Ethiopia:
3. Line 20: life corrected as; lives of
4. Line 21: live corrected as; living
5. Line 25: of added

6. Line 29: patients corrected as; clients

7. Line 36: patients corrected as; clients

8. Line 38 and 39: was rephrased as; Male clients desire children than their female counterparts [AOR= 3.19, 95%CI: (1.56, 6.51)].

9. Line 40: Patients corrected as; Clients

10. Line 41: (AOR= 6.78, 95%CI 2.38, 19.27) corrected as; [AOR= 6.78, 95%CI: (2.38, 19.27)]

11. Line 43: (AOR= 3.64, 95%CI 1.74, 7.64) corrected as; [AOR= 3.64, 95%CI: (1.74, 7.64)]

12. Line 45: (AOR= 3.12, 95%CI 1.54, 6.32) corrected as; [AOR= 3.12, 95%CI: (1.54, 6.32)]

13. Line 46: patients was corrected as; clients

14. Line 47 and 48: was rephrased as; Male clients and clients who have less than or equal to 2 years ART follow up, with no child and

15. Line 78: patients corrected as; clients

16. Line 84: patients corrected as; clients

17. Line 84: patients corrected as; clients

18. Line 97: in the town was deleted

19. Line 101: patients corrected as; clients

20. Line 106: patients corrected as; clients


22. Line 114: patients corrected as; clients

23. Line 119: patients corrected as; clients

24. Line 133-136: Comment: clarify on the age of consent by Ethiopian law. Response: Age of consent is added Individual informed consent was obtained from respondents with age eighteen and above by explaining the purpose of the study clearly. For those with age less than eighteen years (3 respondents) assent was obtained from themselves and consent was obtained from their parents.

25. Line 142: patients corrected as; clients

26. Line 159: Participants corrected as; participants
27. Line 160: Comment: "How many children did those that said they had enough have?" Response: There was no similar number of children for all of respondents having child/children to say enough. It differs among respondents due to their income and the way they see the advantages and disadvantages of having additional child/children. For example, a respondent with 2 child said she had no desire to have additional child because two is enough for her while another respondent with four children said he don’t want additional child because he has enough number of children. And the statement is rephrased as More than half (53.7%) of them responded that they have enough children.

28. Line 163: And corrected as; , and

29. Line 167: From the total of respondents 47(11.1%)… corrected as; From the total of female respondents (205), 47(22.9%)

30. Line 177: Male sex was found to be positively associated with fertility desire accordingly, male were 3.2 times more likely to have fertility desire compared to females. Rephrased as; Being male was found to be positively associated with having fertility desire. Accordingly, male clients were 3.2 times more likely to have fertility desire compared to their female counterparts.

31. Comment: To have consistent use of words Patients Vs. Clients and to use Appealing writing style
Response: The word patients was changed by clients and most of the result and discussion parts were re-stated with more attractive English

32. Line 179: Also, positive association was found between fertility desire and no having child. Patients who had no children were 6.7 times more likely to have desire for child/children than those who had three or more children Rephrased as; Also, positive association was found between fertility desire and having no child. Clients who had no child were 6.7 times at higher desire for having child/children than those who had three or more children

33. Line 183: In addition, discussion with ART service provider with respect to their child desire, sexuality and family planning had shown appositive association with fertility desire, that is, those patients who had discussion with ART service provider were 3.1 times more likely to have a desire for having children than those who hadn’t have discussion Rephrased as; In addition, having discussion with ART service provider with respect to their child desire, sexuality and family planning had shown direct association with increased fertility desire, that is, those clients who did have discussion with ART service provider had shown 3.1 times higher fertility desire compared to those clients who didn’t have discussion [AOR=3.12, 95%CI: (1.54, 6.32)].

34. Line 188: Comment: 188 should be reported as “AOR..., ...CI:[......]”.

Response: But duration on ART follow up has shown indirect association with fertility desire. Patients who had followed ART for less or equal to 2 years had
3.6 times higher desire of fertility than those patients who had more than 2 years ART follow up [AOR = 3.64, 95% CI: (1.74, 7.64)].

The statement rephrased as: On the other hand duration on ART follow up (in years) had shown indirect association with fertility desire. Being on ART follow up for less than or equal to 2 years had 3.6 times greater desire for fertility than being on the follow up for more than 2 years [AOR = 3.64, 95% CI: (1.74, 7.64)].

35. Comment: why residence (urban/rural) was not included in the analysis? Response: This was due to the reason that we test each independent variable by the univariate analysis and we only select variables which were associated with fertility desire with p-value # 0.2. But the p value for Residence was greater than 0.2 and that is why it was not included for further analysis.

36. Comment: Include table to show sufficient details about the key informants. Response: we have added the table as table 4. This is indicated in line 193 and 194. In the in-depth interview 2 service providers (one ART and one family planning) and 9 clients were included as key informants. (Table 4)

Table4: Socio-demographic characteristics of in-depth interview participant clients on HAART at Finoteselam Hospital, Northwest Ethiopia July 2013.

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Number</th>
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<tbody>
<tr>
<td>Age</td>
<td></td>
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<tr>
<td>20-30</td>
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<td>31-40</td>
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<td>41-50</td>
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<tr>
<td>Sex</td>
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<td>Marital status</td>
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<td>Married</td>
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<td>Single</td>
<td>1</td>
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<tr>
<td>Divorced</td>
<td>1</td>
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<tr>
<td>Number of children they have</td>
<td></td>
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<tr>
<td>No child</td>
<td>3</td>
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<td>2 children</td>
<td>2</td>
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<tr>
<td>3 children</td>
<td>1</td>
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</tbody>
</table>
4 children 3

37. Line 195-202: Comment: show how many key informants shared a certain view. Response: we have showed how many key informants shared a certain view as follows;

The in-depth interview of key informant clients had shown that the frequently expressed reason for having fertility desire were replacing themselves (2 informants), to get someone to help in old ages (3 informants), to make their family and community happy (2 informants), to get means of reason to live and create happiness in family (1 informant), to build self-esteem, cover their sero-status (HIV test result) in the community (2 informant) and to give a sister for their daughter (1 informant).

38. Line 206: describe corrected as; described

39. Line 211: an was added

40. Line 232: of was added

41. Line 234: patients corrected as; clients

42. Line 237: But was corrected as; , but

43. Line 238-245: Restated as; In contrast, the level of fertility desire in the current study was slightly lower than a study conducted in Northwest of the country, at Gondar University hospital which found 42.16% of participants had a desire to have a child / children. Similarly, the current finding was lower than the finding of a study conducted in the Eastern part of Ethiopia which was 56.2% (13, 14)]. Also similar differences were seen in comparison to a South African study done in Cape Town in which 49% of participants had a desire for child/children

44. Comment: Quotes from the results section not to be repeated in the discussion section. Response: Quotes were removed in the discussion part and restated as part of the discussion

45. Line 288: Child corrected as; child

46. Line 291: Guideline corrected as; guideline

47. Line 296: Family corrected as; family

48. Line 401: patients corrected as; clients

49. Line 405: patients corrected as; clients

50. Line 411: patients corrected as; clients

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