Reviewer’s report

Title: Current status of nylon teeth myth in Tanzania: a cross sectional study

Version: 1 Date: 15 Jun 2017

Reviewer: Jun Aida

Reviewer’s report:

The paper is much improved. However there are still errors. Please re-check the figures in the tables and text.

Major comment

Abstract

OR=1.54 is seemed to wrong. Is it 8.39?

Please re-check Table 6 and related text (also result of the main text).

Being residents in regions where nylon teeth myth was known before 1990 and/or hospital worker were associated with having have heard of nylon teeth myth (OR=1.54 1.07-2.23, p<0.02; 2.97 1.99-4.42, p<0.001).: It should be better to change:

Being residents in regions where nylon teeth myth was known before 1990 (OR=8.39, 95%CI=6.50-10.83, p<0.001) and/or hospital worker (OR=2.97, 95%CI=1.99-4.42, p<0.001) were associated with higher odds ratio for having have heard of nylon teeth myth.

This is the same in the main text.

Minor essential comments

1. Unnecessary treatment based on nylon teeth myth by traditional healers causes death of infant. This reviewer think this must be included into the background of the abstract. Because it is considered that most of readers out of Africa have never heard nylon teeth myth.

2. Page 5, Result, first sentence. Do not have to put a line feed.

3. Table 1 Please use capital letter to the following words; "primary, secondary, non-hospital, hospital".

4. Page 5, line 45: (51.3%) should be changed to (51.3%; sum of strong agree and agree.)

5. Table 6: "** Not significant in bivariate analysis"; should be delated?
6. Page 4. Line 43 "The dependent variables were..." should be changed to "We applied multivariate logistic regression analyses with two dependent variables. The dependent variables were..."

7. In the logistic regression shown in Table 6, were all variables were included into the same model? If so, please add the following sentence in the top of the final paragraph of page 4 (line 55) "Region, sex, age, education, and profession were used as the independent variables and they were included into the multivariate logistic regression analyses."

In addition, please change the title of the table 6 as follows:
Table 6: Results of multivariate logistic regression analyses. OR (95% CI) for ever heard about nylon teeth and is nylon teeth a reality and background variables studied.

Additionally, please add in method about analysis in TABLE 8 which is also different logistic regression.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

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Please indicate the quality of language in the manuscript:

Acceptable

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