Author's response to reviews

Title: Knowledge and practice of Tuberculosis infection control among health professionals in Northwest Ethiopia

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Title: Knowledge and practice of Tuberculosis infection control among health professionals in Northwest Ethiopia
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Author's response to reviews: see over
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The Biomed Central Editorial Team
Object: MS: 1443232360949771 - Knowledge and practice of Tuberculosis infection control among health professionals in Northwest Ethiopia. Chanie Temesgen et al.
Thank you for considering our manuscript for publication in your journal. We have reviewed the above manuscript according to your reviewer's comments.
Reviewer # 1 (Kashef Ijaz)
General comments - this is an important paper highlighting the importance of training of healthcare professionals in infection control and its potential impact on the knowledge and practice of infection control practices. However, the paper needs major revisions and editing
# Done as the reviewer indicates.
Specific comments:

Abstract:
- Background line #3 -unclear where and when was the "recent rapid assessment..." done and what were the findings
  # Background: line #3, amended as- TB IC rapid assessment done in Ethiopia in 2008
  revealed that most health facilities have nonexistent or ineffective TB infection control (IC)
  practice.
- Methods -line #1 the number "313" should be part of results and not methods.
  # The number, 313 removed from methods and included in the results section as the reviewer
  indicates.
  Also, the study seems more like a hybrid study design with a combination of cross-sectional study
to identify the prevalence of training among healthcare professionals with a cohort study
embedded where there were some healthcare professionals who got trained and other who did not
get trained and the impact of training on the knowledge and practice of infection control
  # Study design changed to hybrid design as the reviewer indicates
- Results -the first section needs major editing something like "A total of 313 healthcare
  professionals were enrolled from four healthcare facilities. The response rate was 96%. Only 18.8%
got in-service training. Among those who were trained, 74.4%......"
  # Done as the reviewer indicates.
- Unclear what is the definition of good knowledge and good practice in the results section of the
  abstract
  # Operational definition for good knowledge and practice included: Correct response to #60%
  knowledge and # 50% practice questions was considered as good knowledge and practice
  respectively.

Background:
Paragraph #2, line #1, M. tuberculosis should be italicized
# Paragraph #2, line #1: M. Tuberculosis italicized as the reviewer indicates

Paragraph #2, line #7, the letter "T" in "Turkey" should be capitalized
# Paragraph #2, line #7: The letter T in Turkey Capitalized

Paragraph #4, line #7, TB transmission has serious consequences for all types of TB i.e., pansensitive or MDR
# Paragraph #4, line #7: Rewritten as the reviewer indicates

Page #4, line #3-5 - these should be deleted and should be in discussion
# Page #4, Line #3-5 deleted

Page #4, first full paragraph - "There was evidence...." is repetitious and should be deleted
# Page #4 first paragraph, is deleted as the reviewer indicates

Page #4, paragraph #2 - "Ethiopia has recently......" is a commentary and can be included in discussion and should be deleted from this section
# Page #4, Paragraph #2: Ethiopia has recently....... Is deleted from this section

Methods:
-Page 4, first paragraph - needs to be reworded "The study involved four hospitals that were located in ............"
# Rewording done as the reviewer indicates

Page 4, para #2, the study design should be corrected to hybrid study design
# Page 4, Para #2, study design corrected as hybrid

Pages 5 and 6 need major editing and should be shortened
# Page 5 and 6 edited and shortened as the reviewer indicates.

Results:
-Second paragraph - it mentions table 1, but there is no table 1 included
# Second Paragraph, the section mentioning ‘Table 1’ is deleted.

Under TB infection control knowledge section - line three, check spellings, it should be "window opening" and not "widow opening"
# Under TB IC knowledge section, line 3 spelling of Widow opening corrected as Window opening

-TB infection control knowledge section should be deleted and explained by including a table
# TB IC knowledge section: Revised as the reviewer indicates
-Multivarite logistic regression model should be reviewed by a statistician, unclear on dependent and independent variables
# Done as the reviewer indicates.
-The Multivarite logistic regression model table needs to be reformatted since it is out of alignment
# Done as the reviewer indicates.
-Discussion -This section is too wordy and needs to be shortened substantially
# Done as the reviewer indicates.