Author's response to reviews

Title: Drug Resistance Patterns of Mycobacterium Tuberculosis Complex and Associated Factors among Retreatment Cases around Jimma, Southwest Ethiopia

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Author's response to reviews: see over
To: The Editors  
BMC Public Health  
Subject: Re-submission of original Article

Dear Editors,

We, Kedir Abdella, Ketema Abdissa, Wakjira Kebede and Gemeda Abebe, are re-submitting our Original article titled “Drug Resistance Patterns of Mycobacterium Tuberculosis Complex and Associated Factors among Retreatment Cases around Jimma, Southwest Ethiopia to BMC Public Health for possible publication. We have addressed the editor’s comments line by line in the following pages. We believe that BMC Public Health is the right journal to disseminate our findings to researchers and policy makers timely.

Regards,
Gemeda Abebe (PhD)  
Corresponding author.
Authors’ response to editors
We appreciate the editor for the constructive comments which we have used to improve the quality of the paper. We have accommodated the comments line by line. We have re-written some portions of the article.

Comment 1: The article shall be reviewed for grammatical or typographic errors.
Response: We accept the editors comment that the manuscript shall be edited for grammatical or typographic errors. Therefore, we were tried to review the grammatical or typographic errors. We also replaced the word “this present study by this study”

Comment 2: The sentence seventy-nine re-treatment cases included in this study shall replaced by we included 79 re-treatment cases.
Response: We have accepted the comment and corrected in the manuscript as of editor’s comment.

Comment 3: Some abbreviations are not fully described for the first time, eg. MRC, AOR, shall be stated fully first, Adjusted Odds ratio, AOD?
Response: We now describe both the MRC and AOR in the abstract section before using abbreviation.

Comment 4: The laboratory methods should replaced with laboratory procedures
Response: We have accepted the comment and replaced the laboratory methods with laboratory procedures

Comment 5: References should be based on the journal guideline
Response: We have accepted the comment and corrected references according to the journal guideline.

Comment 6: Discussion did not address some of the risk factors of MDRT? E.g why in those individuals who drink alcohol? Why in urban than rural.
Response: Now we discuss in the text “Our study suggests that patients from urban area were more likely to harbor drug resistant TB bacilli. The slumps in urban areas are the favorable environment for the TB transmission including the drug resistant strains. Moreover, relatively high access to unregulated antibiotics in urban area may contribute to the development and selection of drug resistant MTB strains. There was high frequency of MDR-TB cases among patients with the history of alcohol drinking and HIV infection. We did not find statistically significant association between MDR-TB and alcohol consumption and HIV positivity.
However, alcohol consumption and HIV treatment can cause concomitant hepatotoxicity that may lead to inadequate adherence to the anti-TB treatment.”