

# Review of: "Rates and Reasons for Relapse of Pulmonary Tuberculosis in Adults — “Case of the MU YA Urban Health Zone”"

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Potential competing interests: No potential competing interests to declare.

The authors set out “to reducing the rate of tuberculosis relapse among adults in the MU YA Urban Health Zone.” They collected information from 143 patients only once through the structured questionnaire. They found that the relapse with tuberculosis represented a rate of 38%. Variables such as age, being able to make ends meet with one's income, and unbalanced diet have a statistically significant relationship with relapse to tuberculosis. Anyway, the manuscript can be improved in the following ways:

## ABSTRACT

- I. **Introduction part:** Please include background information about TB relapse
- II. **Methodology:** It is very poor. It is better if it includes the sampling technique, data entry, and data analysis methods
- III. **Results:** It is ok. But abbreviations (BCT, BBT) in the abstract are not advisable.
- IV. **Conclusion:** It is poor. The conclusion should be consistent with the objective and your results. For example, your conclusion stated TB linked poverty and HIV, but your title is focusing on TB relapse and their reasons.

## INTRODUCTION

- I. The introduction part is not self-explanatory in relation to TB relapse. But, it mainly describes TB.
- II. How did you select the title???? (Where are the main gaps????)
- III. Please show scientific reasoning (clue) for the occurrence of TB relapse.
- IV. Please use updated references related to TB relapse and their reasons.
- V. Generally, rewrite the introduction part.

## METHODS

- a. It is better if it includes the data collection procedure, data entry, and data analysis methods.
- b. How did you collect the socio-demographic and other variables from the study participants???
- c. Where did you access the study participants?

## RESULTS

It is ok. Please merge related tables.

## DISCUSSION

- I. It is very poor. It is somewhat similar to the results section.
- II. The references are repeated so many times.
- III. The bi-variate analysis of variables age ( $p=0.0511$ ), being able to make ends meet with one's income ( $p=0.0008$ ), and a balanced diet ( $p=0.0001$ ) must be discussed in detail in relation to relapse to tuberculosis.

**SUMMARY:** The article is not original, and it seems like a report. It does not give an important clue. So, it needs major revision.