Reviewer's report

Title: High Prevalence of Substance Use among High School Adolescents in Woreta Town, Northwest Ethiopia and Associated Factors: Multi-domain Factors Analysis

Version: 3  Date: 23 June 2014

Reviewer: Mulugeta Aseratie

Reviewer's report:

- Discretionary Revisions (which are recommendations for improvement but which the author can choose to ignore)
  1. Abstract
     The conclusion should be changed with conclusion and recommendation since the last sentence of this paragraph is a recommendation
  2. Method
     The sampling method is included in the abstract only. Do not you think it needs to be included in the method too?
  3. Paragraph 1 line 154 woreta is the major town in the woreda---- no needs to say is since it is expressed as the capital of the woreda
  4. Two full cycle school has to be replaced by primary full cycle
  5. The sample size and the formula used to calculate it is not included in the method.

Discussion

6. Paragraph 1-The discrepancy among adolescents substance abuse in this study is high in male than females and one of the reason that the researchers put is that sensational seeking behavior among female adolescents increase. Is it a proven hypothesis or a fact? If so that is possible to use it.

7. The life time prevalence is expressed in two ways in the result that is “the current prevalence in all the three substances was 27(4.1%) which is very low compared to 107(16.4%) of life time prevalence”. Which one shall a reader take?

Discussion paragraph 4

8. The possible reason is due to availability of the alcohol leads students to use it. If so have you noticed if there were holidays which induce students which may contribute for the increased number of current alcoholic prevalence?

- Minor Essential Revisions (such as missing labels on figures, which the author can be trusted to correct)
Background
1. Paragraph 5 line one ---- common in Africa but evidences are presented from Middle East.

Methods
2. Method – last paragraph- awareness is given----- for whom the awareness creation is given were given? If it was for the students, their response will be based up on the information they have gained.

Result
3. Paragraph one last line(269) ---(Table 1) it is not found in the document. Tables, charts and graphs has been used to present the data analyzed but none of it is included in the document

Prevalence of substance abuse
4. --- prevalence of the three substances is 27 and 107(4.1% and 16.4%) but the sum is greater than 4.1+ 16.4 so there should be a transition between line 301 and 302.

Discussion
5. The current prevalence in the result is m=47.9% and F=34% but in the discussion paragraph one line one the current prevalence is 47.9% ,57.5% in male and 36.2% in female

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:
I declare that I have no competing interests