Reviewer's report

Title: A community intervention for behaviour modification: an experience to control cardiovascular diseases in Yogyakarta, Indonesia

Version: 1 Date: 13 February 2013

Reviewer: Nizal Sarrafzadegan

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Comment to the Author:

Although

The manuscript is of interest for readers and it’s subject is considered as one of the priorities globally, however it’s too long that need to be shortened. There are major concerns that should also considered:
1- The Main objective need to be clear and precise.
2- To avoid overlapping and the difficulties in understanding the manuscript, I suggest that the authors report the qualitative study separately from the quantitative one.
3- All intervention should be briefed and presented in a table with it’s target community.
4- The results should be more focused and shortened.

Abstract:

2. Please briefly mention the intervention activities in the methods.
3. What was qualitative study which was stated in the results?
4. Please point out some results of tables in the abstract.

Introduction

6. How can you evaluate the interventions in the individual levels?
Materials and methods

7. Please explain how did you choose 4 of 46 communities?
8. Why were the intervention communities in high or low SES and referent in middle? It had to be the same.
9. It should be explained more about the intervention and reference communities (e.g. number of population, gender and urban/rural distribution, distance of intervention and reference area, ....).
10. Is the mass media the same in both areas?
11. Page 8, last sentence of 1st paragraph: How and why this group was selected? And from which communities of 46 ones in intervention area?
12. Page 9, 2nd paragraph: The 1st sentence should be omitted. Also the names must be deleted from this part. It is suggested to rewrite this paragraph.
13. Page 11, 1st paragraph: Were the CVD risk factors screening, health counseling, necessary provided for all participants?
14. The last sentence in 2nd paragraph, page 11 should be referred.
15. Did you carry out pre-post test for posters and pamphlets?
16. Page 12, the quantitative data collection part, did you use process evaluation for lifestyle analysis? However the changes in lifestyle indicators such as nutrition, physical activity and smoking status are behavior results and should be stated impact or short term results.
17. The last sentence of this paragraph should be mentioned in the tables.
18. Please bring the references in last paragraph of page 12.
19. Please define SES and method of categorizing SES.
20. The statistical analysis of qualitative study should be mentioned.
21. The activities in the qualitative data collection, Page 13 are part of process evaluation. Please explain it in the previous “the qualitative data collection” part.

Results

22. Were the total number of 46 intervention and 2 reference communities 2558? Please mention the age, gender and residency distribution.
23. Please explain if the study performed on 1131 or 1759 participants which was mention in page 8.
24. It is suggested that qualitative study reported separately.
25. Why you didn't present as scores? As you referred to scores in page 12.

Discussion

26. Page 23, 1st paragraph, “The pilot study was used .......” But a pilot or demonstration study can be used to present all results of community-based interventions like the process evaluation results, the impacts and outcomes. Describing the process of introducing intervention components doesn't mean presenting process evaluation results in your study that consist of qualitative and
quantitative parts, you could present the results of process evaluation as well as impact (short-term results) evaluation because you studied changes in behaviors.

- List of abbreviations should be omitted.
- Table 2, don't need to be presented in a table. You can refer to it in the method briefly.

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Needs some language corrections before being published

**Statistical review:** Yes, but I do not feel adequately qualified to assess the statistics.

**Declaration of competing interests:**

I declare that I have no competing interests