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Title of the Manuscript: Outcome of pharmacists Health belief perception and knowledge of CVD risk factors intervention among rural community dwellers
Type of the Article: Original Research Article

General guideline for Peer Review process:

This journal’s peer review policy states that NO manuscript should be rejected only on the basis of 'lack of Novelty', provided the manuscript is scientifically robust and technically sound.
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### Compulsory REVISION comments

**Introduction**

a) A more clear description of the objectives of the study should be included.


**Methods**

a) The Methods is not, strictly speaking, adequate, because there is a lack of explanation concerning the date of the study, the study setting, how the sample size has been selected, how the sample size has been calculated, how the informed consent has been obtained from each participant.

b) The participants have been recruited among those who presented for cardiovascular disease risk screening, but no information is given where there have been selected.

c) No information is given if a pilot study has been conducted.

d) Authors describe the questionnaire items used but what about their validity and reliability.

e) The statistical analysis is not, strictly speaking, adequate,
because it is necessary to indicate the statistical tests that have been used.

### Results

a) No information is given about the response rate.

b) No information is given about non-responding. Was there any attempt to quantify the response bias: information about non-responders. It would be useful to have some kind of indication of comparability with non-respondents. Is there any population-based data available? How did they differ from those in the sample, how representative is the sample and were the findings representative of Nigeria?

c) A brief description of the participants’ characteristics should be included.

### Discussion

a) The discussion is partly not appropriate. One weaknesses is that the results are not compared with some of the several recent studies conducted in other countries. They will need to expand their literature review to reflect this and it should be added a comparison with the results of previous surveys conducted in different geographic areas (i.e. Tedesco et al. Biomed Res Int. 2015;2015:324692.; Mazloomy et al. Health Care Women Int. 2014;35:50-9; Al Hamarneh et al. International Journal of Clinical Pharmacy. 2011;33:11-23; Winham & Jones. BMC Public Health. 2011;11, article 248; Jones et al. Journal of Obstetric, Gynecologic, & Neonatal Nursing, 2012;41:246-57).

b) A paragraph regarding the limitations of the study is needed in order to describe in details the main limitations regarding the study design, the representativeness of the sample, the recall bias, the social desirability bias, and the generalizability of the results.
The manuscript describes a study performed to investigate if this study were to assess the impact of community pharmacist’s educational intervention on the knowledge and health belief perceptions of rural community dwellers at high risk of cardiovascular disease in Nigeria. The report has several shortcomings that need to be addressed.

**Reviewer Details:**

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