Review of: "Prevalence and Determinants of Hypertension Among Adults in Urban Bonaberi District of Douala, Cameroon"

Tesfaye Girma

Potential competing interests: No potential competing interests to declare.

Abstract

The title needs revision

It is better to rewrite as "Prevalence and associated factors of Hypertension Among Adults in Urban Bonaberi District of Douala, Cameroon". Unless the study design should be a case-control study design.

1. Gap is not well addressed, and the gap stated is not significant enough to be a problem.
2. Objectives are different from what the title intended to study.

I think it is better to state, "The objective of this study is to determine the prevalence and associated factors of hypertension among adults in the Urban Bonaberi District of Douala, Cameroon."

1. Methodology should be well narrated, starting from how sampling was done to how analysis was done precisely.
2. The results also did not focus on your problem. It was expected to report the magnitude (prevalence) of hypertension and associated factors using their strength of association with direction of association.
3. Conclusions should be done based on the reported study's findings. Recommendations should be made more based on the conclusion to concerned bodies.

NB: Scientifically poor and non-representative abstract.

Introduction

Rewrite or take out "The non-communicable diseases (NCD) of today constitute a serious burden throughout the world and represent one of the main global developmental challenges."

Write in your own words and cite "Magnitudes are much higher in urban settings, where an increasing prevalence of overweight/obesity (by 54-82%) was observed over the same period."

Statement of the problem

Gap of the study is not well addressed (not done). As to the title, the concern of the study should be if there is what unknown about the prevalence and associated factors of HTN "Nearly 30% of adults in the Douala, Cameroon fail to

achieve HTN control, whereas among those diagnosed, 35% do not receive appropriate treatment.[1] Therefore, evidence is needed about the current distribution of associated risk factors or HTN determinants in urban Cameroonian dwellers to develop cost-effective strategies for successful prevention and HTN maintenance in developing countries like Cameroon.[6] The purpose of this study was to identify risk factors associated with HTN among urban dwellers in Bonaberi, Cameroon. The secondary objective was to assess Bonaberi residents' awareness of behaviors that cause and prevent HTN."

Method

It needs to be scientific (poorly written). The method should be repeatable.

Result part

The descriptive finding of variables listed blow should be well narrated modularly under their them. Then their association with dependent variable should be conducted (COR, AOR).

" The next eight items requested demographic data, including gender, age (in years), highest education level completed, marital status, occupation, religion, monthly income (in Francs), and area of residence.

family history of HTN (yes or no), causes of HTN (5 options available as "yes" or "no"); and prevention of HTN (5 options available as "yes" or "no").

causes of HTN, diet/food intake, lack of exercise, weight gain, stress, and witchcraft were listed.

 prevention of HTN, exercise, diet monitoring, regular BP checks, adequate rest, and stress reduction were listed.

consumed alcohol (yes or no); frequency of alcohol consumption (not a consumer, once a month, once a week, more often than listed); smoking status (non-smoker, current, past); number of meal consumptions per day (once, twice, three, more than three); daily hours of sleep (< 7, 7 to 8, > 8); exercise intensity (light, moderate, high); frequency of fruits and vegetables consumption (everyday, once a week, once in a while)."

NB: The study's method and result should be rewriten based on scientific standard. Unless it is not fit to be considered for publication.

Generally it is very deraft work.

Because it is very draft work, I did not review the discussion and conclusion parts.

Reference

The references are not sufficient.

Some of the references are outdated.