Reviewer’s report

Title: Metabolic Syndrome among hypertensive patients at University of Gondar Hospital, North West Ethiopia: a cross sectional study

Version: 2 Date: 18 September 2014

Reviewer: Olebogeng Majane

Reviewer’s report:

General evaluation

The aim of this study was to assess the prevalence of metabolic syndrome and associated factors among hypertensive patients in North West Ethiopia. The study included various factors in addition to the known risk factors including the socioeconomic status and employed two criteria (according to the modified NCEP-ATP III and IDF criteria) to assess the prevalence of metabolic syndrome in the population of interest.

Major compulsory revisions

1. If statistically powered the authors should consider addressing the prevalence of metabolic syndrome and frequency of metabolic syndrome components (also table 5) on both crude and age-adjusted analysis.

   a) They may for example divide the population and gender results into <40 and >40 years of age. This will provide more evidence that the prevalence of metabolic syndrome does not increase with age in this population which is in contrast to what most studies show in the literature including those cited in the current paper.

   b) Prevalence of abdominal adiposity in women can be stratified according to age, do younger women (below 40 yrs old) show similar results as older women using both criteria? Refer to table 3.

Minor essential revisions

None

Discretionary revisions

It is interesting that 94.7% of the study population were on anti-hypertensive drugs however the average BP is still above target. State how many of these hypertensive patients were diabetic and also receiving treatment for diabetes.

The pro-inflammatory and pro-thrombotic states of these patients are very important.
Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

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