Reviewer's report

Title: Obesity and elevated blood pressure among adolescents in Lagos, Nigeria: A cross-sectional study.

Version: 1 Date: 18 February 2012

Reviewer: Vera Koch

Reviewer's report:

The objective of the study is well defined, the authors do not describe how the sample was calculated how the randomization was conducted and whether the chosen school reflects the general population conditions of Lagos or a specific stratum, so it is difficult to judge if the methods were appropriate and whether data are sound, the manuscript adheres to the relevant standards for reporting. Limitations of the work are partially stated. An important paper that analyses the difference in hypertension prevalence according to the number of BP measurements was not cited

Chiolero A, Cachat F, Burnier M, Paccaud F, Bovet P. Prevalence of hypertension in schoolchildren based on repeated measurements and association with overweight Hypertens. 2007 Nov;25(11):2209-17, in this paper it is stated that The proportion of children with elevated BP based on one visit was five times higher than based on three measurements taken at few-week intervals, this issue should be discussed in depth in the discussion as it is one of the major flaws of this paper

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

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'