Reviewer's report

**Title:** Elevated arterial blood pressure and body mass index among Nigerian preschool children population.

**Version:** 2  **Date:** 30 November 2013

**Reviewer:** Chandrakanta Kumar

Reviewer's report:

**Major Compulsory Revisions**

1. Since main objective of the study was to find out the prevalence of prehypertension and hypertension excluding children with renal symptoms will not provide a true prevalence of the disease at community level because renal problems contribute to a large proportion of children with hypertension.

2. Authors have concluded that there is no correlation between urine analysis and hypertension on the other hand they excluded all children with possible abnormal urine analysis.

3. Most of the studied children were of low BMI and only a small percentage had hypertension. It is not possible to comment that low BMI is really associated with hypertension unless a comparison is done with a high BMI group of sufficient size. Also prevalence of hypertension in this study is not so high in comparison to studies done in different populations with normal or high BMIs. In BMI table also P value was not significant (0.68). (Authors concluded as significant correlation between EBP and low BMI)

**Minor Essential Revisions**

1. In results age range should be provided. How is this possible that all children with EBP were of 5 years age (Mean age/ range will be better)

2. Quality of written English is not good.

3. Tables need improvement in presentation.

**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.