Reviewer's report

Title: Prevalence of hypertension in overweight and obese children from a large school-based population in Shanghai, China

Version: 1 Date: 9 September 2012

Reviewer: Hirohito Metoki

Reviewer's report:

The authors analyzed the association between overweight or obese and high blood pressure in large scale of school based children in this study. I found some critical point in analysis.

Major Compulsory Revisions

1. The authors should describe baseline characteristics which are stratified by both BMI and WC.
2. Table 3, if possible the authors should describe adjusted ORs that they used for combination in table 4.
3. The authors did not use overweight children in table 4. Is there any reasons? Perhaps, in table 4, the authors can describe them in 3×3 table.
4. In table 4, the authors only reported that risk ratios (is this odds ratios?) for high SBP and BP in single OB group in WC were much higher than single OB group in BMI. Did the authors statistically test it? Are there any exact p-values?
5. In table 4, the authors did not show the interaction between BMI and WC. Is there any interaction?
6. If both BMI and WC in the same model simultaneously, which parameter is remaining in this population? If there is no significant difference in this analysis, the authors should not comment obese defined by WC were much higher OR compared with obese defined by BMI.

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, and I have assessed the statistics in my report.