Reviewer's report

Title: Waist circumference as a marker of insulin resistance in perinatally HIV-infected adolescents.

Version: 2 Date: 24 December 2014

Reviewer: grace lui

Reviewer's report:

Major Compulsory Revisions
1. Nadir CD4 was associated with insulin resistance on univariate analysis, but it seems that this variable was not adjusted in multivariate analysis.
2. Current CD4 was also associated with LDL-C but again seems not adjusted in multivariate analysis.
3. Are any of the patients having concomitant hepatitis C infection, as this is also associated with insulin resistance?
4. Was lipodystrophy assessed in this study?

Minor Essential Revisions
1. Abstract, Methods: “adolescents 12 years of age and older” should be stated as “individuals 12 to 20 years old”
2. “insuline resintance” in Keywords should be “insulin resistance”. Throughout the text, “insulin” often spelt as “insuline”.
3. Results, first paragraph: “adolescents and young adults” preferred to “children”; “female” preferred to “women”
4. Throughout the text, “presented” should be changed to “presented with”.
5. Tables: some decimal points stated as “,”

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

Declaration of competing interests:

I declare that I have no competing interests.