Reviewer's report

Title: Birth-weight, insulin levels, and HOMA-IR in newborns at term.

Version: 2 Date: 26 March 2012

Reviewer: Deborah Ehrenthal

Reviewer's report:

This manuscript is much improved but there are still some methodologic issues that should be clarified:

a. You have not used SGA/AGA/LGA classification, rather you have defined your children using cut-offs for low birthweight and high birthweight. This means that your sample is not necessarily comparable to that of Wolff et al and this needs to be noted. If you actually used percentiles to define SGA you might have had a larger population in that group.

b. When you discussed matching, do you mean you matched the mothers for phase 2 to the mothers in phase 1?

The data in the abstract are confusing- there is some missing punctuation.

Level of interest: An article of importance in its field

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