Reviewer's report

Title: Mild Gestational Diabetes in Pregnancy and the Adipoinsular Axis in Neonates born to mothers in the ACHOIS randomised controlled trial.

Version: 1 Date: 3 September 2006

Reviewer: David R McCance

Reviewer's report:

General
The authors have utilised data from the ACHOIS trial in this manuscript. The data are novel and of interest.

Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

--------The subjects under study had gestational impaired glucose tolerance and conceivably minor degrees of glucose intolerance. Details should be given of the number of subjects who required insulin in each of the treated and routine groups (who by implication had more severe glucose intolerance). The data should be reanalysed with these subjects excluded (or if possible considered as a separate group). Details should also be given of the glucose levels which were achieved during delivery and whether a glucose insulin infusion was employed. It would also be helpful if more details were given as to how the control subjects were obtained and if they were matched for the variables of interest? Were all subjects caucasian? Several of their data are of only borderline significance and these should not be given undue prominence in the manuscript. The authors should give power calculations for what difference they would have been able to detect for each of the variables. Did the method of delivery differ between the groups and did this have any effect on the cord measurements?

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)
Treatment of GDM improved the plasma glucose compared with controls but did not 'normalise' it as stated in the abstract and results (1st paragraph of results, page 7)
No reference is made to the tables throughout the manuscript.
No detail of smoking is given in Table 1
The references in the text (by author name) differ from the numerical format in the bibliography

Discretionary Revisions (which the author can choose to ignore)

What next?: Accept after minor essential revisions

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No

Declaration of competing interests:
I declare that I have no competing interests