Reviewer's report

Title: Adverse maternal outcome of fetal macrosomia. What risk factors beyond birthweight?

Version: 1 Date: 26 February 2013

Reviewer: Peter O'Rourke

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Major 1. history of macrosomic infant vaginally delivered is confounded with parity. The authors should test this by creating a three level variable for nulliparous, multi-macro and multi+ macro and report their findings.

Major 2. duration of labor and cesarean delivery during labor are potentially confounded and could be substantially colinear. Prolonged labor is a major reason for non-elective cesarean delivery. This should be investigated and reported.

Minor 1. how similar are labor induction and gestation as three categories of <37 weeks, 37-41 weeks and >42 weeks?

Minor 2. clarify whether body mass index is a continuous variable of categorical reflecting obesity.

Minor 3. justify that the differences reported for Asian are not merely opportunistic. Is there a reason that Asian would be expected to be different.

Minor 4. the cutoff for macrosomia has been selected as 4000 g. How would the results have been impacted if >4500 g were chosen to specify macrosomia as other studies have done?

Minor 5. clarify if episiotomy was part of standard procedures for women in danger of perineal tears. The combined 63% of women with tears is very high and needs explanation.

Minor 6. how many of the 261 women with postpartum hemorrhage required blood transfusion?

Minor 7. were maternal diabetes and body mass index colinear. Have these effects been tested in models with and without birth weight? They could be more useful predictors of maternal complications than birth weight.

Minor 8. how can attributable risk be used in prevention when applied to high birth weight, prolonged labor or cesarean section

Minor 9. why is there no mention of neonatal morbidity in the text?

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.
Declaration of competing interests:

I declare that I have no competing interests