Reviewer's report

Title: Elevated Antiphospholipid Antibody Titers and Adverse Pregnancy Outcomes: Analysis of a Population-Based Hospital Dataset

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Reviewer: Jim Zhang

Reviewer's report:

The authors examined the association between elevated antiphospholipid antibody titers and adverse pregnancy outcomes. The paper was well written and most findings are consistent with the literature. However, the authors need discuss the significant deficiencies of the data source in more detail and its impact on the findings.

The ICD-9-CM code 795.79 is not specific for antiphospholipid antibody. It also includes such conditions as skin test positive for something else. Therefore, there is likely to be misclassifications to an unknown degree. What is the impact?

The prevalence of elevated antiphospholipid antibody is substantially underestimated (0.06% vs. 1-7% in the literature). What could be the reason for the underestimate?

Confounding by indication is a concern for the findings. Is it possible that women who had a symptom or complication were given the opportunity to have a blood test? What impact may this bias have had on the findings?

The classification of obesity and primipara based on discharge diagnosis may be problematic. Could the authors show what percentage of the subjects was classified as obese and primiparous?

Consider deleting the text on clinical management in the Conclusion. It is not directly related to the study findings.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

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'