Reviewer’s report

Title: A cohort study of the association between maternal serum inhibin-A and adverse pregnancy outcomes: A population-based study

Version: 0 Date: 24 Jan 2019

Reviewer: Yenita Agus

Reviewer's report:

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REPORT ON REFEREE COMMENTS

NAME OF JOURNAL: BMC Pregnancy and Childbirth
MANUSCRIPT TITLE: A cohort study of association between maternal serum inhibin-A and adverse pregnancy outcomes: A population-based study
Authors: Wannaporn Singnoi,MD., et al
DATE : Januari 25, 2019

NOTES TO THE AUTHOR
Thank you for the opportunity to read and review your paper. It addresses an important subject, and your study appears to have been an interesting one. There are some problems with the paper which mean it doesn't present your study as well as it could. My comments regarding aspects that need attention are listed below.

1. The entire paper needs proof reading for consistency and readability as some of the terms used are inconsistent and some of the material is a hard to understand.

2. In order for this paper to be ready for publication it requires extensive work in relation to all sections, which is the introduction, methods, result and discussion.

3. In the background part, the authors mention about their project "we have implemented a screening program for the fetal Down syndrome with serum markers in second-trimester pregnant women, as a pilot study project. All of the participants underwent quad test free of charge, supported by the government. Under the project, baseline data, laboratory results and pregnancy outcomes were followed-up and prospectively collected. To take advantage of Down
syndrome screening, we could also have a great opportunity to study on the correlation between various serum biomarkers and adverse pregnancy outcomes”. It will be clearer if the authors explain about the result of the study rather than explain about the procedure of the last study.

4. The objective of this study is not quite clear. The authors explained that the study aimed to determine the association between Inhibin-A level in the second trimester and rates of adverse pregnancy outcomes, however, in the result part the authors analyzed about comparison of the pregnancy outcomes between the high Inhibin-A group and the normal inhibin -A group. I do not understand why?

5. The material and methods used in this study is not clearly explained and difficult to follow, I suggested that the authors make it a simple one and will be easy to understand.

6. Results and discussion, the authors need to make sure about what is the study aimed. In addition in some part of result is confusing and difficult to follow.

7. In the discussion part, is it the study about the association of maternal serum markers and adverse pregnancy done by authors?

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Unable to assess

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics
Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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