Reviewer’s report

Title: Burden and Risk Factors of Invasive Group B Streptococcus Disease among Neonates in a Chinese Maternity Hospital

Version: 1 Date: 04 Sep 2018

Reviewer: Reviewer 2

Reviewer's report:

PEER REVIEWER COMMENTS: To view the full report from the academic peer reviewer, please see the attached file.

REVIEWER COMMENTS FROM REPORT: The authors of the study examined the burden and risk factors of invasive group B streptococcus disease in Nigeria. The manuscript reads well. The study was reported adequately to allow for replication. The statistical analysis was adequate for the study design, i.e. conditional logistic regression for a case-control study. The study findings were discussed properly and made references to existing literature in the field.

REQUESTED REVISIONS:

1. Consider retrospective power calculation to check whether the study had enough significant power to detect the important difference

2. Reporting of odds ration - consider reducing to two decimal places

3. For all results, it is usually preferable to refer to the Table first, before describing the results and not usually at the end.

4. 'Risk factors for early onset invasive GBS' lines 206 to 216. It is not clear whether odds ratios were coming from? The reported odds ratios are completely different from the ones reported in Table 4?

5. For the risk factors, it will be nice if the authors can also include the direction and magnitude of associations for all the odds ratios reported.

7. Study strengths and limitations not discussed.

ADDITIONAL REQUESTS/SUGGESTIONS:

see comments above

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

No

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

No

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.

Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable
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