Reviewer’s report

Title: Prevalence and associated Risk Factors of Anaemia among Women Attending Antenatal and Post-Natal Clinics at a Public Health Facility in Ghana

Version: 2 Date: 22 May 2019

Reviewer: Marianna Baum

Reviewer's report:

This manuscript describes a cross-sectional study of 409 pregnant and 194 post-partum women attending hospital clinics in the Volta Region in Ghana. Results indicate that 33% of pregnant and 16% of post-partum women were anemic. Malaria parasitemia was 2% in pregnant and 1% in post-partum women. Only age of 20-29 was a significant predictor of anemia in post-partum women.

The manuscript describes a relatively high prevalence of anemia in pregnant and post-partum women in a region of Ghana, showing a serious public health issues for this area. The study appears to have been well done; however, there are some weaknesses in the manuscript.

The Background statement and the Results in the Abstract are difficult to understand. The Methods show the sample size formula, and this is not necessary. The regression analysis used age 40+ as a comparison; it is not clear why this age was selected as reference since there were few women (N=14) in this group. The Figures are not needed.

The study does not address an important public health problem, that of providing iron and folate supplements to pregnant women to prevent childhood complications.

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

Yes

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:

Acceptable

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