Reviewer’s report

Title: Incidence, causes and phenotypes of acute seizures in Kenyan children post the malaria-decline period

Version: 0 Date: 22 Aug 2015

Reviewer: Ying Mao

Reviewer's report:

This study is to demonstrate the incidence, causes and phenotypes of acute seizures in Kenyan children post the malaria-decline period. The findings include an increase in incidence of seizures attributable to malaria or not, and a high mortality associated with neonatal seizures (10%) and complex seizures (8%). Causes of all acute seizures were malaria (33%) and respiratory tract infections (19%). However, as the authors have mentioned, it's a hospital-based study and hospital accessibility adversely affect its accuracy and reliability. That's why there are some results difficult to interpret in comparison with previous publications. Besides, in figure 2, "incidence per 1,000 live birth" should be changed to "incidence per 100,000 live birth".

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?
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Yes

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I recommend additional statistical review

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Acceptable
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