Reviewer’s report

Title: High burden of hepatitis B infection in Northern Uganda despite nine years of childhood hepatitis B vaccination: results of a population-based survey.

Version: 1 Date: 23 October 2012

Reviewer: Fuqiang Cui

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- Major Compulsory Revisions
1. What are the inclusive criteria and inclusive criteria of sampling?
2. Although author mentioned the limitation that more female were selected, can author give readers what quality control measure had been taken?
3. The number of population under 15 is small, and author could not provide age specific prevalence for children under 14; therefore I did not find any trend by age among children under 14? I would assume if the HBsAg prevalence is high among children under 5, mother to children transmission may be a problem. So, the data is less confidence to say so.
4. Have author weight the data or not, by age and by sex?
5. Does author give us more explanation about why the children under 14 had high HBsAg positive rate than population above 15, but the anti-HBc is increased by age? I believe which does not make sense.

- Minor Essential Revisions
1. Where is table 1?
2. Can authors provide any information of mother to child transmission in Uganda?
3. Can authors provide any evidence why the first dose is given at 6 week after birth? Why the policy was made like this?
4. Please provide the lot number of kits.

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

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.
Declaration of competing interests:

No