Reviewer's report

Title: Prevalence, correlates and pattern of Hepatitis B among antenatal clinic attenders in Yaounde-Cameroon.

Version: 4 Date: 28 January 2013

Reviewer: Ahmad A Makuwani

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2. Local literature search:
I do understand that there number of papers cited as the local seroprevalence of HBsAg. However, authors forgot that blood service in Cameroun has big database on Transfusion Transmitted infections which include HBV infection. Papers from this programme addresses prevalence from big sample size of blood donors. Is it possible to find these reports/papers and assess their relevance to this manuscript?

3. Ethical approval:
In page 5, in this study it was a good practice that ethical clearance was granted and each participant granted written consent. It is also good practice to learn that all positive clients were referred for appropriate immunoprophylaxis care and their newborn were subject for vaccination.

4. Powerful result:
In this study the result has demonstrated HBV infection was not related to sexual transmission. This powerful statement needs to come out clearly to remove the myth that HBV infection is an STD. This statement will help to put more effort in vaccination of the under-five so that they do not transmit in classes via desk rubbing contact from small bleed left over…..future generation taken care.

5. Conclusion:
Conclusion was limited to the provision of care to newborns. However, I would propose the author should suggest more intervention if any that will benefit pregnant mothers who are found HBsAg +ve. The effect of contact of these mothers is usually felt to health. Is possible at this point suggest the mono-valent Hep vaccine to risk groups (although this may be out of the scope of your results)? What advice do you provide to cover this risk group (Health workers)? Is it possible to talk about a bit on underfive vaccination of Hep B?

6. Final recommendation:
This paper gives powerful message about HBV infection and is publishable pending on performing of the minor corrections.

Level of interest: An article of importance in its field
Quality of written English: Acceptable

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

Declaration of competing interests:
I declare that I have no competing interests