Reviewer's report

Title: High mosquito burden and malaria transmission in a district of the city of Douala (Cameroon)

Version: 2 Date: 12 September 2012

Reviewer: Mamadou Ousmane NDIATH

Reviewer's report:

Dear Editor,

We have examined with great attention the new version of the paper, the response of my two colleagues reviewers and the detailed response of authors. We must recognize that they have provided great efforts in the presentation of results and significantly improve the discussion.

Discretionary Revisions

1) However, findings sometimes they try to search for explanations instead of answering the question directly. It is shown that the peak of malaria transmission always occurs some time after the rains, the time to the breeding site to establish. More early rainy, anophelines are still young in most cases. Maybe they stumbled upon a exceptional year, but if that is the case this phenomenon is very rare.

2) In section bioassay, they say Antonio et al 2011 studied the KD50 & KD95, for this reason they have not studied the kd50 and kd95 in this manuscript. Maybe they also forget Antonio et al 2011 have also studied the frequency distribution Kdr. What is the interest of doing the same thing? I think when you decide to make a study; you should not do things by halves. It must be done well, because situations can evolve rapidly from year to year

3) I also find it very unfortunate that we're not an idea of the age of the mosquitoes. Would have an important parameter to understand the phenomenon observed in 1)

Despite everything I think that given the effort made by the authors on other point, this paper now merits to be accepted for publication by BMC infectious diseases.

Sincerely

Level of interest: An article of importance in its field

Quality of written English: Acceptable
Statistical review: No, the manuscript does not need to be seen by a statistician.