



Summary

# of LLINS	Country	Location	When	By whom
2,500	Mali	Kati District	March – April 2008	LSHTM/Malaria Research & Training Centre (MRTC)

Further Information

1. Please describe the specific **locations & villages** to receive nets and the number to each? Please provide longitude/latitude information. (Important note: If the distribution is approved, approval will be for the nets to be distribution to these specific locations. Location changes will only be considered, and may be refused, if due to exceptional/unforeseen circumstances.)

LLINs will be given to children under 5 in 3 villages (Djoliba, Kirina & Koursale) in the sub-district of Djoliba and depending on recruitment the village of Samako in the sub-district of Bancoumana. The villages are located 40 to 70 km SW of Bamako, the capital city of Mali. The selection of villages within the area is being completed, although ongoing discussions between the project teams and village representatives are positive. AMF will be informed of the names of the villages finally selected to participate in the study and their geographic coordinates as soon as this has been confirmed.

2. Is this an **urban or rural** area and how many people live in this specific area?

These are rural villages. The total population of the 4 villages together where the LLINs will be distributed is approximately 16,000 inhabitants.

3. Is this a **high risk malaria area**? If yes, why do you designate it as high?

This is a high risk malaria area. The transmission intensity and duration are some of the highest in the country. Each child experiences about 2 malaria attacks per year.

4. How many **reported cases of malaria** and **malaria deaths** were there in this area in 2005? If you do not have statistics please make a qualitative comment.

About 4% of children had severe malaria and 15-30% of them died. In Bancoumana, a village of about 8,000 inhabitants there were about 3,570 cases of malaria in 2006 among which, 96 were complicated malaria with 4 deaths and 17 referred to National Paediatric Hospital in Bamako.

5. Is this distribution of nets 'blanket coverage' of an area/village or to a select/vulnerable group? If the latter, please describe this group.

Nets will be distributed to a select and vulnerable group: children under the age of 5. The main burden of malaria in many parts of Africa is not in the first year of life but in older children. In the Sahel and sub Sahel parts of Africa where malaria transmission is very seasonal, the peak age incidence for severe malaria is 2-3 years old.

6. What is the existing level of ITN use in this area? Are there existing bednet distribution programmes in this area?

The current use of ITNs is less than 25%. There are an increasing number of ITN distribution programs taking place in this area through both the government and NGOs. However, as noted above, net coverage still remains low and the villages that are selected under this current programme will be such that there is no duplication of effort.

7. Why was the area/villages chosen for bednet distribution and who made this decision? Please provide the name, position and organisation of the person/s making the decision.

These areas are chosen to represent areas in Mali where the malaria burden is high and the seasonal transmission is longer. The sites were chosen by the project team at the Malaria Research and Training Center, Faculty of Medicine, Pharmacy and Dentistry, University of Bamako, lead by Dr Alassane Dicko (contact details below).

8. Have you consulted with the National Malaria Programme in your country about this distribution and what was their response? Please provide the name, position and contact details of the person/s with whom you have liaised.

The coordinator of the National Malaria Control Program has been contacted. His contact details are: Dr. Georges Dakono, Direction Nationale de la Santé /Programme National de Lutte contre le Paludisme BP 233, Bamako, Mali Tel :(223) 222 6497- 223 33 52 - Fax : 222 36 74.

9. Please describe any pre-distribution activity, in particular how the size of the target group and number of nets required will be ascertained?

These nets will be given to children under 5 years of age in villages where a research project on use of LLIN's and Intermittent Preventive Treatment will be undertaken. We expect to give LLIN's to about 2,500 children under 5.

10. Please describe how the bednets will be distributed, by whom, whether distribution will be a focussed effort or part of a combined programme and if there will be an information/education component to the distribution? Please indicate over what time period (typically, the number of days or weeks) the distribution will occur.

Parents will be asked if they want their children under 5 to participate in this study on the impact of LLIN + Intermittent Preventive Treatment versus LLIN alone on the incidence of malaria disease. LLINs will be offered to children for whom consent of parents was obtained

independently whether they are enrolled in the study or not. Distributions will be coordinated by MRTC field teams over a 4-6 week period.

11. What **post-distribution follow-up is planned to assess the level of usage (hang-up percentage) of the nets? How long after the distribution will this assessment take place? Will you provide us with the findings? What will you be able to do subsequently to increase net hang-up if relevant?**

LLINs will be given in Mar/Apr when the malaria transmission starts to rise. The use of the nets will be monitored during the malaria transmission seasons of 2008 and 2009.

12. Please give the name and contact information for the (government) head of the **district health management team for the/each area. Please ensure you include contact information.**

Dr. Toumani Konaré, Medecin chef, Centre de Santé de Reference de Kati, Kati, Mali Tel: +223 681 9997.

13. Please confirm the nets will be distributed **free-to-recipients, a requirement for us to fund nets.**

The nets will be distributed free-to-recipients.

14. Please confirm you will send us, post-distribution, at least **40 digital photos per sub-location, taken at the distribution/s, to be added to our website as we report on the distribution to donors.***

MRTC cannot guarantee to provide photos. However the distribution of the nets will be independently monitored as part of the study and AMF is welcome to be associated with this part of the monitoring and will be invited to visit the site to verify that these distributions are being made in accordance to trial protocols.

15. Please indicate if you will be able to provide **video footage from each sub-location. This is not mandatory but is preferred and aids reporting to donors and encourages further donor giving.***

MRTC will not be able to provide video footage as this will complicate and may hinder the process of obtaining ethical clearance for the proposed study.

16. Please confirm you will send a **Post-Distribution Summary when the distribution is complete.***

MRTC will send a post-distribution summary.

17. Please provide your name, role and organisation and **full contact information.**

Dr. Alassane Dicko, Associate Professor, Malaria Research and Training Center, Faculty of Medicine, Pharmacy and Dentistry, University of Bamako Tel: +223 222 7440 Fax: +223 222 4987; Email: adicko AT mrtcbko.org

*Information on providing photos, video and a Post-distribution Summary is included in the attached document.