

Additional file 2. *P. falciparum* case investigation form.



PF case investigation questionnaire

1. Date of interview (day/month/year) : / /
2. Name of patient:
3. Name of head of household:
4. Age: Months:
5. Sex: ☐ Male ☐ Female
6. Address:
7. Presently living: ☐ in the village of MP ☐ village near by ☐ other (explain):
- 7.(b) if village near by or other: name of village and of 2 closest village (or places such as clinic, school...):
 Name of village: MP code (if available):
 Name of closest village 1 MP code 1 (if available):
 Name of closest village 2 MP code 2 (if available):
8. Have you been living here for more than 6 months? ☐ Yes ☐ No
9. Rapid Test (RDT) result: ☐ Pf ☐ Pv ☐ Pf+Pv ☐ Neg
10. Did you take DBS? ☐ Yes ☐ No
11. Treatment: ☐ Coartem ☐ Low-dose PQ ☐ Chloroquine ☐ Paracetamol ☐ Other
12. Reason for taking test: ☐ Feeling fever ☐ Feeling other symptoms ☐ Not feeling sick but want to check
☐ Contact from Pf case ☐ Participant in survey ☐ Participant in mass screening activity
☐ Other (explain):
13. What is your occupation? (several answer possible)
 (for children) ☐ Going to school ☐ Stay home ☐ Follow parents in activities
 (for adults) ☐ Farming ☐ Logging ☐ Soldier ☐ Daily worker ☐ Housewife
☐ Staff (all kinds)
 For all ☐ Other (specify)
14. DOF: After starting to feel sick, how many days did you wait before coming to the MP? days.
15. If DOF>1 day, what was the main reason for which you didn't go to MP as soon as you started feeling sick?
☐ MP is too far ☐ Too busy, I didn't have time
☐ I didn't feel that this is serious disease ☐ I didn't have fever
☐ I didn't know about MP at that time
☐ I refer to see someone else (health provider) first. If yes which one:
☐ Other reason:
16. Did you take malaria treatment since you started feeling sick? ☐ Yes ☐ No ☐ Don't remember
- 15.b if yes, where did you get it? ☐ MP/clinic ☐ Buy from shop
☐ Other provider (specify):
- 15.c if yes, which treatment? ☐ Paracetamol ☐ ACTs ☐ Traditional
☐ Don't know ☐ other (specify):
- 15.d if yes how many day of treatment? Days (if don't remember, use 999 code)
17. Did someone in your house have fever during last week? ☐ Yes ☐ No

Area		Zone	
MP code:			
Village name:			
RDT/DBS code:			
Date of diagnose:	/ /		
Interviewee:			
Interviewer:			

(If yes, invite them to come to malaria post for fever testing as well)

18. Did you have malaria during the last year? ☐ Yes ☐ No ☐ Don't know
19. If yes/don't know, did you take a treatment with ACT then? ☐ Yes ☐ No ☐ Don't know

Going away from the village during the 3 weeks before you started feeling sick

20. Did you have activities away from the village and sleep away from the village during the 3 weeks before you started feeling sick? ☐ Yes ☐ No (if no go to 28)
21. if yes, how many days away in total? ☐ Less than 7 days ☐ 7-15 days ☐ 15 days and more
22. if yes, where? ☐ Village near by ☐ other village ☐ other place
21. (b) Name of village and of 2 closest village (or places such as clinic, school...):
- | | | | |
|---------------------------|----------------------|---------------------------|----------------------|
| Name of village: | <input type="text"/> | MP code (if available): | <input type="text"/> |
| Name of closest village 1 | <input type="text"/> | MP code 1 (if available): | <input type="text"/> |
| Name of closest village 2 | <input type="text"/> | MP code 2 (if available): | <input type="text"/> |
23. How far? ☐ 1 hour or less ☐ 2-3 hours ☐ 4hours to 1day ☐ Further away
24. Going by ☐ Walking ☐ Tractor ☐ Motorbike ☐ Car ☐ Other
25. For what? (several answers possible: If child following parents report parents activity)
- | | | | |
|-----------------------------------|---|---|----------------------------------|
| ☐ Farming | ☐ Rubber | ☐ Taking care of livestock | ☐ On duty |
| ☐ Mining | ☐ Logging | ☐ collecting forest product (hunting charcoal) | |
| ☐ Studying | ☐ Social welfare | ☐ other (specify) | <input type="text"/> |
26. Where did you sleep?
- | | | | |
|--|----------------------------------|------------------------------------|--|
| ☐ In a house | ☐ Outside | ☐ In a dorm | ☐ In a farm hut |
| ☐ Other (specify) | <input type="text"/> | | |
27. Did you use a bed net at that time? ☐ Yes ☐ No ☐ Sometime

Daily activities around the village during the 3 weeks before you started feeling sick

28. Did you have activities outside of the village and come back the same day? ☐ Yes ☐ No
- 27.(b) Name of village and of 2 closest village (or places such as clinic, school...):
- | | | | |
|---------------------------|----------------------|---------------------------|----------------------|
| Name of village: | <input type="text"/> | MP code (if available): | <input type="text"/> |
| Name of closest village 1 | <input type="text"/> | MP code 1 (if available): | <input type="text"/> |
| Name of closest village 2 | <input type="text"/> | MP code 2 (if available): | <input type="text"/> |
29. How far? ☐ 1 hour or less ☐ 2-3 hours ☐ 4hours to 1day ☐ Further away
30. Going by ☐ Walking ☐ Tractor ☐ Motorbike ☐ Car ☐ Other
31. For what? (Several answers possible)
- | | | | |
|-----------------------------------|---|---|----------------------------------|
| ☐ Farming | ☐ Rubber | ☐ Taking care of livestock | ☐ On duty |
| ☐ Mining | ☐ Logging | ☐ collecting forest product (hunting charcoal) | |
| ☐ Studying | ☐ Social welfare | ☐ other (specify) | <input type="text"/> |

Sleep in the village

32. While you are in the village, did you sleep under a bed net?
- | | | |
|---|--|--------------------------------|
| ☐ Yes, every night | ☐ Yes, some night | ☐ Never |
|---|--|--------------------------------|
33. How many people (including you) usually sleep under the bed net? Persons
34. Did you have animals (cows/pigs/ goats...) sleeping under your house or around? ☐ Yes ☐ No ☐ Don't know