

VASINA fieldwork SOP – data and sample collection

For each household, do the following:

- 1. Introduce research team to head-of-household and other household member(s)**
 - Explain study, using patient information sheet
 - Wear mask and visor for this
- 2. Conduct *Household Questionnaire* on RedCap with head-of-household**
 - Fill this out even if no household members give consent for individual data or samples to be collected (if this is the case, head-of-household should still fill consent form)
 - If head-of-household does not wish to fill *Household Questionnaire* on RedCap, fill *Unable to Complete Questionnaire* on RedCap
- 3. Each time you enrol an individual, give them a sticker with their Study ID number on it**
 - Children less than 1 year old should not be enrolled and do not need to be assigned a Study ID number (but their details should still be included on the *Household Questionnaire*)
 - For individuals who are not currently present, assign a study ID number, but keep his/her sticker until the next visit

For each participant, do the following:

- 4. Receive written informed consent (signed form)**
 - For children, receive written informed consent from one of their parents
 - Also receive 'verbal assent' from the child
- 5. Conduct *Individual Participant Questionnaire* on RedCap**
- 6. Don PPE**
- 7. Phlebotomy (maximum x2 attempts)**
 - Adults: use needle and syringe to collect 10ml (x2 tubes)
 - Children: use needle and syringe or butterfly to collect 5ml (x1 tube)
 - Also place x9-12 drops onto filter paper to make three blood spots (*see Dried Blood Spot SOP*).
 - Make sure blood tubes and dried blood spots are clearly labelled with stickers
- 8. Finger-prick blood sample (where phlebotomy failed)**
 - Collect 2mls of blood drops into paediatric serum tubes
 - Collect x9-12 drops onto filter paper to make three blood spots.
 - Make sure blood tubes and dried blood spots are clearly labelled with stickers
- 9. Store samples**
 - Put labelled blood samples into cool box

- Allow blood spot to dry for 4 hours, put into zip-lock bag with desiccant sachet. Put this into cool box

10. Equipment disposal

- Place all sharps into sharps container
- Place all other phlebotomy equipment into clinical waste bags
- Dengue RDT can be disposed of, after good-quality picture and interpretation is done

11. Thank household member(s) and make sure they have a copy of the participant information sheet

12. Make sure gloves and apron are changed and hands are washed/alcohol gelled before moving onto next participant