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**