

HIV SENTINEL SURVEILLANCE AT HRG SITES (Random Sampling)

Eligibility criteria for inclusion of high risk individuals in HSS

Inclusion criteria

- Fulfill the case definition
- Age between 15 & 49 years

Case Definitions

- **Female Sex Worker:** Woman who is engaged in consensual sex for money or payment in kind, as a means of livelihood in the last 6 months
- **Men who have Sex with Men:** Man who had anal or oral sex with a male partner in the last one month
- **Injecting Drug User:** Man or woman who used addictive substances or drugs for recreational or non medical reasons, through injection, in the last three months
- **Transgender/Eunuch:** Person whose identity does not conform unambiguously to conventional notions of male or female gender roles, but combines or moves between these
- **Single Male Migrant:** Single Male, living at a place other than "place of usual residence" without his spouse or family, for the purposes of work and visiting his home town at least once a year
- **Long Distance Trucker:** Trucker who travels more than 800 km one way between source and destination

Exclusion criteria

- Already approached and administered informed consent once in the current round of surveillance

Documentation to be Maintained

S.No.	Document	Managed by	Verified by	Norms of submission
1	HSS Register	Counselor	Site Incharge	Send to Regional Institute at the end of HSS
2	Informed Consent / Assent Forms	Counselor	Site Incharge	Send to SACS at the end of HSS
3	Data Forms	Counselor	Site Incharge	Send to Regional Institute EVERY WEEK along with Data Form Transportation Sheet
4	Data Form Transportation Sheet	Counselor	Site Incharge	Send to Regional Institute EVERY WEEK along with data forms
5	Sample Transportation Sheet	Lab Technician	Site Incharge	Send to DBS Testing Lab EVERY WEEK along with DBS specimen
6	Random list & P.E. wise list	Counselor	Site Incharge	Send to Regional Institute at the end of HSS
7	List of Non-recruits	Counselor	Site Incharge	Send to SACS every 15 days

Remember, to ensure Unlinked Anonymous Testing strategy...

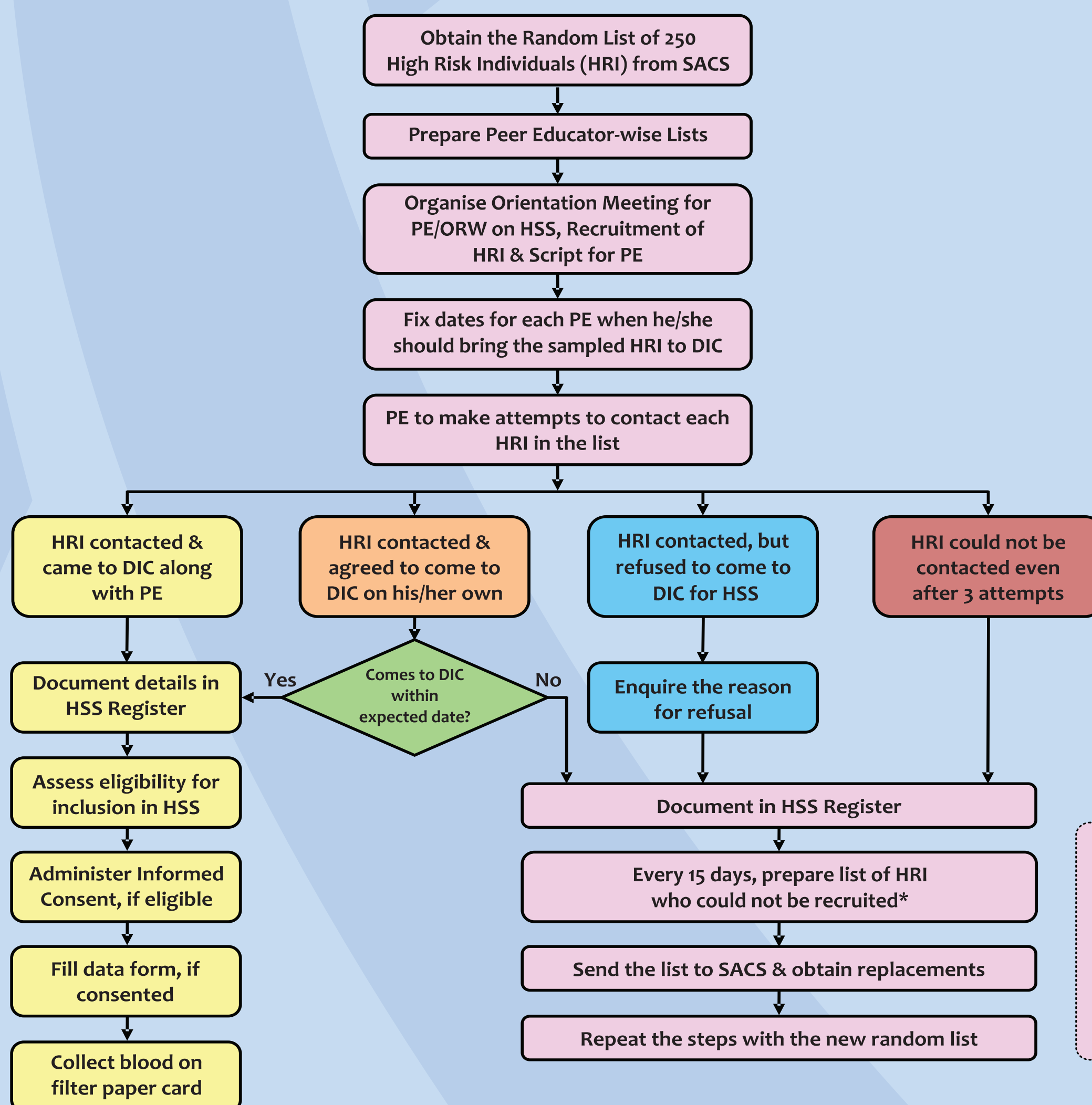
HSS Register, Data Form and Filter Paper Card

- Should NOT contain name.
- Should contain sample number.

Informed Consent Form

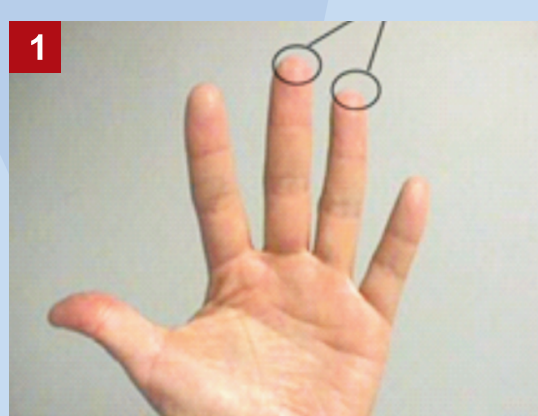
- Should NOT contain sample number.
- Should contain name.

Recruitment Process by Random Sampling



Processing Dried Blood Spot (DBS) Specimens

Check for completeness of data form before specimen collection. If incomplete, send back to counselor to complete the form. Label the filter paper card with **sentinel site code, sub-site number, sample number and date of collection** before starting blood collection.



1 Select 3rd of 4th finger to prick



2 Choose correct puncture site



3 Clean finger tip with alcohol swab



4 Make finger prick using self-retractable safety lancet



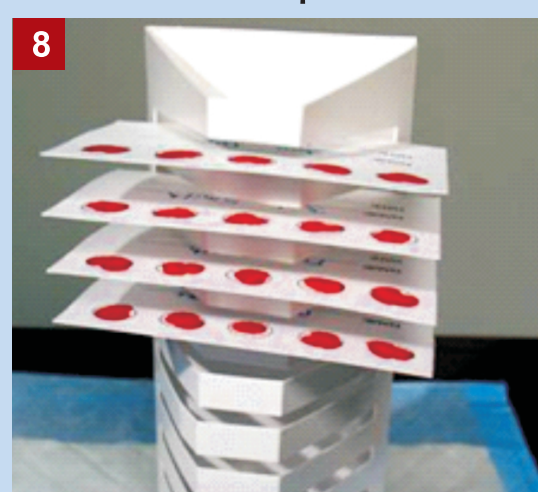
5 Wipe away the first drop



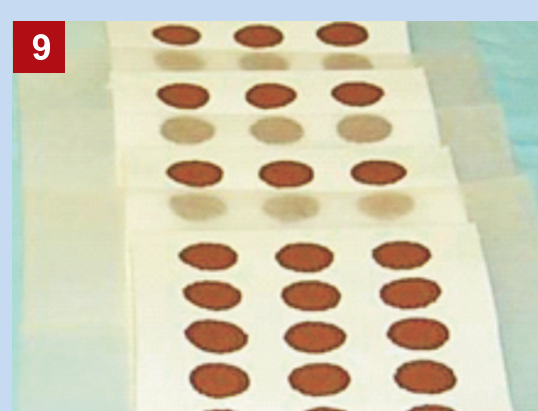
6 Allow a large drop of blood to form



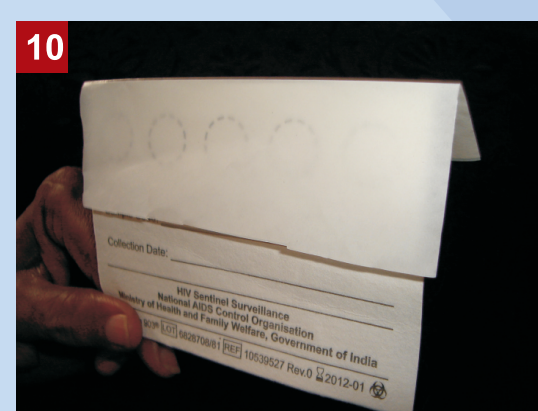
7 Collect 5 blood drops on filter paper card. Ensure each circle is completely filled.



8 Place filter paper card horizontally in drying rack with blood spots facing outside. Allow to dry overnight in drying box with 5 desiccants at the bottom.



9 Completely dried DBS specimens appear chocolate brown in colour



10 Fold butter paper over DBS specimen



11 Place DBS card inside small zip-lock bag. Add 2 desiccants behind the DBS card.



12 Pack up to 10 small zip-lock bags with DBS specimens in a big zip-lock bag. Add 5 desiccants.

Pack big zip-lock bag containing DBS specimens inside the Sample Transportation Box along with 2 copies of Sample Transportation Sheet. Send DBS specimens to the designated testing lab by Speed Post or Courier, **whenever TEN specimens are collected and completely dried or at the end of the week, whichever is earlier.**