

1) Annual HIV Sentinel Surveillance [HSS] for HIV infection	
Nodal Officer	Dr. A.R.Risbud & Dr.S.V.Godbole
Co-Principal Investigator(s)	Nil
Other Investigator(s)	Nil
Category / Nature	Surveillance/Operational Research
Collaboration / Participating Centers	Nil
Funding Agency(ies) / Sponsors	National AIDS Control Organization
Budget	Rs.57,055,20/-
Study Period	Ongoing annual activity since 2006
Objectives	<p>To find the prevalence of HIV infection in different population subgroups and in different geographical areas.</p> <p>To monitor trends in the prevalence of HIV infection over the period of time</p> <p>To generate data for use in HIV estimations and projections</p> <p>As a National/Regional Institute to undertake following activities in western states/UT of India namely</p> <ul style="list-style-type: none"> • Daman & Diu • Dadra & Nagar Haveli • Goa • Gujarat • Maharashtra & Mumbai • Madhya Pradesh • Rajasthan <p>Map of India showing the region supervised by NARI</p>
Description	<p>Activities:</p> <p>NARI as a National/Regional Institute is responsible for the following in order to ensure that the annual Sentinel Surveillance ANC, STD and High</p>

	<p>Risk groups.</p> <ol style="list-style-type: none"> 1. Technical support & guidance to SACS in overall planning & implementation of HSS activities in the allotted states, facilitating smooth implementation of HSS activities by liaising with the concerned state authorities and addressing specific problems at sentinel sites/ testing labs. 2. Technical Validation & approval of new sites through review of relevant data & site visits. 3. Conducting Regional Pre & Post-surveillance co-ordination & planning meetings, Regional Trainings and Workshops for HSS. 4. Technical & Supervisory support for state level training of site personnel & lab personnel. 5. Monitoring & Supervision during HSS site visits and Testing Centers. 6. Constitution of State Surveillance Teams (SST) and coordination of all their activities including Monitoring & Supervision by SST members. 7. Ensuring timely reporting & corrective action at sites/testing labs during the round. 8. Data Entry, matching & finalizing data collected during HSS round. 9. Concurrent data monitoring and initiation of corrective action, as required. 10. Guide SACS in preparation of state surveillance reports after the round. 11. Undertaking special epidemiological or operational studies and in-depth analyses during the inter-surveillance period to validate or strengthen surveillance findings. 12. Technical review and approval of any other specific proposal from SACS related to HSS 13. Submission of report of activities undertaken during surveillance and analysis of the surveillance findings in the allocated states.
Current Status	Ongoing
Publications	Nil
Presentations	Nil

2) Early Infant Diagnosis (EID) of HIV Infection	
Nodal Officer	Dr. Dhanashree Jagtap
Co-Principal Investigator (s)	Nil
Other Investigators:	Nil
Category/Nature:	Operational Research
Collaboration/Participating Centres:	Nil
Funding Agency (ies) / Sponsors:	National AIDS Control Organization (NACO) / Department of AIDS Control (DAC)
Budget	Nil
Study Period	Ongoing activity since April 2010
Objectives	<ul style="list-style-type: none"> • To diagnose HIV-1 infection in infants and children < 18 months of age by DNA PCR to be integrated into the National HIV/AIDS care and treatment programme in India and to make the diagnosis available through National AIDS Control Programme (NACP) in a phased manner through normal, standardized requisition and testing procedures so as to ensure quality reporting. • To universally follow and implement infant HIV-1 DNA PCR testing algorithm on every HIV exposed infant and child < 18 months of age or children < 18 months of age suspected to be HIV infected to ensure equal and routine access. • To link the HIV exposed and infected infants and children < 18 months of age to appropriate referral, care and treatment services to ensure timely intervention to reduce morbidity and mortality due to HIV infection.
Description:	<p>NARI is one of the seven Regional Research Laboratories in India which is responsible for conducting the following activities under DAC/EID programme:</p> <ul style="list-style-type: none"> • Receiving of the Dried Blood Spots (DBS) and Whole Blood (WB) specimens from ICTC/ART centres from different districts in Maharashtra. • Testing of the DBS and WB specimens for HIV-1 by DNA PCR method.

	<ul style="list-style-type: none">• Dispatching of the test results to the corresponding ICTC/ART centres.• Review and analysis of the monthly and annual HIV DNA PCR testing data and reporting it to MSACS and DAC.
Current Status	Ongoing
Publications	Nil
Presentations	Nil