

**Designation: SCIENTIST C****Postal Address, Telephone Number, Fax, e-mail**

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**EDUCATIONAL QUALIFICATION**

<b>Degree</b>	<b>Institution</b>	<b>Field(s)</b>	<b>Year</b>
MBBS	Pad. Dr. D. Y. Patil Medical college, Pimpri, Pune (MUHS Nashik University, Maharashtra)	Medicine, Surgery, Obstetrics & Gynecology, Pediatrics, Ophthalmology, ENT Community Medicine	2003
Masters of Public Health	National Institute of Epidemiology, Chennai (Sree Chitra Tirunal Institute for medical sciences & technology, Kerala)	Epidemiology and Health systems	2014

**WORK EXPERIENCE**

<b>Duration</b>	<b>Institution</b>	<b>Designation</b>
Sep 2013 - till date	National AIDS Research Institute, Bhosari, Pune	Scientist C, Epidemiology & biostatistics
Feb 2009 – Sep 2013	National AIDS Research Institute, Bhosari, Pune	Scientist B, Epidemiology & biostatistics
Nov 2005-Jan 2009	National AIDS Research Institute, Bhosari, Pune	Clinician (Research Scientist I)
Jan 2005-Jun 2005	UHTC, Dr. D.Y. Patil Medical College, Pune	Lady Medical Officer

**Positions held**

1. Clinic in charge, NARI NIV clinic, NIV Campus, Ambedkar Road, Camp, Pune (2009-2015)
2. Study Coordinator, HPTN 052 study, Clinical Trials Unit (Feb 2009- Jan 2012)
3. CRS Coordinator, NARI CRS, Clinical Trials Unit (Feb 2009- Jan 2012),
4. Study Coordinator, ICMR-CONRAD study (Mar 2009- 2013)

**RESEARCH EXPERIENCE****Ongoing/Approved National/International Projects (Principal/Co Principal Investigator/Co Investigator)**

1	Probiotics study Title: Prevention of recurrence of bacterial vaginosis in HIV infected women with lactobacilli containing vaginal tablets to the standard oral Metronidazole therapy: A 12-month, double-blind, randomized, placebo-controlled study. Role – Principle Investigator Funding – ICMR Duration – 2016-2018 Status- Ongoing
2	Building a Research Analytic Initiative at NARI-India (BRAIN-I) Role – Co-Investigator Funding – NIH Duration – 2016-2018 Status- Ongoing
3	Exploring Hard to Reach MSM network structure and dynamics in India- a multi-

	centric study. Role – Co-Principle Investigator Funding – NACO-FHI Duration – 2017-2019 Status- Will be initiated soon
4	To study feasibility of Oral TDF-containing PrEP, administered, once daily orally to men having sex with men (MSM) and transgenders (TGs) in India. Role – Co-Principle Investigator Funding – Submitted for funding
5	Study on immuno-virological non response to ART Title: A case control study to understand determinants and biomarkers associated with immuno-virological discordance Role – Co-Principle Investigator Funding – NACO Duration – 2015-2017 Status- Ongoing
6	Incidence of HIV-1 and sexually transmitted infections among high risk key sub populations in Pune and Mumbai in India, 2016 Role –Principle Investigator Status- Submitted for funding
7	Accelerating demand for HIV self-testing (HIVST) among Men who have Sex with Men (MSM) in India and Africa Role – Principle Investigator Status- Submitted for funding

#### **Completed National Projects (Principal or Co Principal Investigator)**

1. Process Evaluation of “Intensified TB Case Finding” component of HIV-TB Collaborative Activities at NARI ART Centre, Pune India, 2013
2. Prevalence and treatment outcomes of Multi Drug Resistance Tuberculosis at GHTM, Chennai, 2013-14
3. Investigation of Hepatitis E Outbreak at Kolvan Village Pune in collaboration with District Health Officer, Pune and his team
4. ICMR –CONRAD study: Preparing sites for conducting effectiveness trials of microbicides in India at three sites in India- Maharashtra, Karnataka & Andhra Pradesh

#### **Completed studies under Clinical Trials Unit**

##### **1. ACTG 5271- [PI: Dr SP Tripathy]**

This is an observational study to evaluate neurocognitive functioning of HIV uninfected individuals in Resourced-Limited Settings.

##### **2. ACTG 5175- [PI: Dr SP Tripathy]**

This is a phase IV prospective, randomized open label evaluation of the efficacy of once daily protease inhibitor and once daily nonnucleoside reverse transcriptase inhibitor containing therapy combinations for initial treatment of HIV-1 infected individuals from resource limited settings (PEARL) trial.

Role: Sub investigator

##### **3. ACTG 5199 [PI: Dr SP Tripathy]**

Neurological study to estimate the prevalence of ADC in participants in resource limited settings who have advanced disease (< 300 CD4 cells count/cu mm) and who are treatment naïve. Also to estimate the prevalence of HIV related neurological OI in participants in resource limited settings who have advanced disease (< 300 CD4 cells count/cu mm) and who are treatment naïve and to estimate changes in neurocognitive functioning with initiation of ART regimen in resource limited settings

Role: Sub investigator

##### **4. ACTG 5221 [PI: Dr SP Tripathy]**

STRIDE: A Strategy Study of Immediate Versus Deferred Initiation of Antiretroviral Therapy for AIDS Disease-Free Survival in HIV-Infected Persons Treated for Tuberculosis with CD4 < 250 Cells/mm<sup>3</sup>

Role: Sub investigator

**5. ACTG 5253 [PI: Dr SP Tripathy]**

Sensitivity and Specificity of Mycobacterium Tuberculosis Screening and Diagnostics in HIV-Infected Individuals; A Multicenter Trial of the AIDS Clinical Trials Group (ACTG)

An exploratory, observational, prospective, cross sectional study designed to construct diagnostics strategies for identifying pulmonary TB in HIV-1 infected participants.

Role: Sub investigator

**6. HPTN 052 study [IoR: Dr SV Godbole]**

A Randomized Trial to Evaluate the Effectiveness of Antiretroviral Therapy plus HIV Primary Care versus HIV Primary Care Alone to Prevent the Sexual Transmission of HIV-1 In Serodiscordant Couples (HPTN 052)

Role: Study Coordinator/Co investigator

**ADMINISTRATIVE EXPERIENCE**

Supervision of all clinic related activities of NARI-NIV clinic and shouldering all administrative responsibilities in the capacity of clinic in charge (2009-2015)

**RESEARCH AREAS OF INTEREST (MAJOR SCIENTIFIC FIELDS OF INTEREST)**

1. Epidemiology of HIV, natural history of HIV
2. Discordant response to antiretroviral therapy in HIV infected individuals
3. Role of Probiotics in prevention of bacterial vaginosis and HIV
4. Maternal and child health
5. Research on HIV prevention methods – Microbicides, other female controlled methods.
6. Teaching Interest: Epidemiology, bio-safety in clinics and hospital set up & occupational exposure and post Exposure Prophylaxis, Natural history of disease

## **FACULTY FOR TRAININGS/GUEST LECTURERS**

1. 'Descriptive Epidemiology of investigating an Outbreak'- Training for two batches medical officers and other staff of Pune district on request from Additional District Health Officer, Pune
2. 'Basics of Epidemiology and Biostatistics'- Training of new NARI staff during orientation programme
3. Universal Precautions and Bio medical Waste management - Guest Lecture for Medical Officers on under NACO Training Programme 2008 conducted by NARI ART center on 23 Jun 2008. Contributing to NACO training programme.
4. "Bio-safety in clinics and post exposure prophylaxis" - Trainings on for new staff during the orientation programme.
5. "Natural History of HIV infection"- Trainings on for new staff during the orientation programme.
6. Training on Source Documents and Case Report Forms of HPTN 052 study for clinicians and DMC staff at National AIDS Research Institute.
7. HPTN 052 Protocol Specific training for new staff
8. ICMR CONRAD Protocol Specific training for NARI as well as staff of all study sites

## **TRAININGS/CONFERENCES/SYMPOSIA ATTENDED**

1. Good Clinical Practices Training (CITI), basic and refresher
2. Human Subjects Research Education Certificate Course (CITI), basic and refresher
3. Universal precautions and bio safety
4. Telemedicine Training Programme for Management of Adult HIV/AIDS in Resource Limited Settings: India, organized by B. J. Medical center & Johns Hopkins Center for Clinical Global Health Education from Apr 2006 – Jun 2006,
5. Workshop on Good Clinical Practices (GCP) organized by the Indo-US Collaboration on 27-28 Sep 2007 at Delhi
6. Genital Specimen Collection as a part of Training workshop on Microbicide Research at NARI- SGH clinic on 21 Feb 2008 by Dr. Susan Cu-Uvin from Brown University.
7. Capacity Building Workshop on Operations Research in HIV/AIDS: Focusing Research Methodology from 16-20 November, 2009 at National Institute of Epidemiology, Chennai
8. TB Diagnosis, Treatment and Prevention: Current Knowledge and Research Priorities (7 February 2010 – 28 March 2010).
9. Distance-Based Education for International Study Coordinators Certificate Program from School of Nursing, University of Alabama at Birmingham, USA (Jan 2010 – Jun 2010)
10. CART 2010- Chennai ART Symposium on 9th and 10th January at Chennai. Organized by YRG Care Chennai
11. Microbicides Society of India (MSI) Symposium on 'The Challenges of Microbicides Research in India' on Feb 11-12, 2010 at National Institute of Immunology, New Delhi.
12. DAIDS regional Training event organized by NIH at Hotel Le Meridian, Pune from May 10-15, 2010. This training event included Source Document and Essential Document Training, Advanced HSP/GCP: Investigator Responsibilities, advanced HSP/GCP: Working with your IRB: An Investigator's Guide to Improving IRB/EC Relations, Advanced HSP/GCP: FDA Inspection Preparedness, Safety Workshop: The Basics and Putting Principles into Practice, Best Practices for Implementing the DAIDS Clinical Quality Management Plan Policy with a Focus on Key Indicators (CQMP).
13. Consultative meeting 'Galvanizing Evidence for HIV Management' on 27th to 29th Jan 2011 at NARI, Pune (Rapporteur for one of the tracks from the meeting: HIV-HPV)
14. Capacity Building Workshop on 'Ethical issues in HIV/AIDS Research' organized by NACO and UNICEF between 13th -15th Sep 2011 at NARI, Pune
15. 'Research methodology Workshop' for ICMR scientists from 31<sup>st</sup> Oct – 11<sup>th</sup> Nov, 2011 at National Institute of Epidemiology, Chennai
16. International Symposium on the Science of Probiotics, "Health Impact of Probiotics – Vision and Opportunities" on December 10 and 11, 2011 at Hotel The Leela, Mumbai

17. Workshop on Qualitative Research in Public Health and Social & Behavioral Sciences at NARI between 24 and 27 October 2016 organized by National AIDS Research Institute in collaboration with C- ShaRP (Centre for Sexuality and Health Research and Policy)

## PUBLICATIONS

1. Determinants of early discharge of mothers from hospitals after delivery in Beed block of Beed District, Maharashtra, India 2014  
Dnyaneshwar Nipte, **Sampada Dhayarkar**, Satish Pawar, S. Venkatsubramanian, Sanjay Mehendale; JKIMSU, Vol. 4, No. 2, April-June 2015
2. Evaluation of Maternal Health Component of Reproductive and Child Health (RCH) II Programme in Beed District, Maharashtra, India 2013  
Dnyaneshwar Nipte, **Sampada Dhayarkar**, Satish Pawar, S. Venkatsubramanian, Sanjay Mehendale; Journal of Krishna Institute of Medical Sciences University 01/2015; 4(2):19-37.
3. Investigation of acute Hepatitis E outbreak, Kolvan, Pune, Maharashtra, 2013  
**Dhayarkar S**, Chadha M, Tripathy A, Jadhav S, Deshmukh N, Mehendale S.  
Indian J Comm Family Med Jan-June 2015; 1(1): 45-50
4. Optimizing adherence to antiretroviral therapy  
Seema Sahay, K. Srikanth Reddy & **Sampada Dhayarkar**  
Indian J Med Res Dec 2011; 34 (12): 835-849
5. Beatriz Grinsztejn, Mina C Hosseinipour, Heather J Ribaldo, Susan Swindells, Joseph Eron, Ying Q Chen, Lei Wang, San-San Ou, Maija Anderson, Marybeth McCauley, Theresa Gamble, Nagalingeswaran Kumarasamy, James G Hakim, Johnstone Kumwenda, Jose H S Pilotto, Sheela V Godbole, Suwat Chariyalertsak, Marineide Gonçalves de Melo, Kenneth H Mayer, Susan H Eshleman, Estelle Piwowar- Manning, Joseph Makhema, Lisa A Mills, Ravindre Panchia, Ian Sanne, Joel Gallant, Irving Hoff man, Taha E Taha, Karin Nielsen-Saines, David Celentano, Max Essex, Diane Havlir, Myron S Cohen, and the HPTN 052- ACTG Study Team. "Effects of early versus delayed initiation of antiretroviral treatment on clinical outcomes of HIV-1 infection: results from the phase 3 HPTN 052 randomised controlled trial Lancet Infectious Diseases, Volume 14, Issue 4, Pages 281 - 290, April 2014 contributed as study team member
6. Myron S. Cohen, M.D., Ying Q. Chen, Ph.D., Marybeth McCauley, M.P.H., Theresa Gamble, Ph.D., Mina C. Hosseinipour, M.D., Nagalingeswaran Kumarasamy, M.B., B.S., James G. Hakim, M.D., Johnstone Kumwenda, F.R.C.P., Beatriz Grinsztejn, M.D., Jose H.S. Pilotto, M.D., Sheela V. Godbole., Sanjay Mehendale, M.D., Suwat Chariyalertsak, M.D., Breno R. Santos, M.D., Kenneth H. Mayer, M.D., Irving F. Hoffman, P.A., Susan H. Eshleman, M.D., Estelle Piwowar-Manning, M.T., Lei Wang, Ph.D., Joseph Makhema, F.R.C.P., Lisa A. Mills, M.D., Guy de Bruyn, M.B., B.Ch., Ian Sanne, M.B., B.Ch., Joseph Eron, M.D., Joel Gallant, M.D., Diane Havlir, M.D., Susan Swindells, M.B., B.S., Heather Ribaldo, Ph.D., Vanessa Elharrar, M.D., David Burns, M.D., Taha E. Taha, M.B., B.S., Karin Nielsen-Saines, M.D., David Celentano, Sc.D., Max Essex, D.V.M., and Thomas R. Fleming, Ph.D., for the HPTN 052 Study Team\*. "Prevention of HIV-1 Infection with Early Antiretroviral Therapy." New England Journal of Medicine 2011, 10.1056/NEJMoa1105243) July 18, 2011, at NEJM.org, contributed as study team member
7. Contribution of Social Science in Public Health: A Physician's Perspective (IngeNIEous- Jun 13 issue, published online)  
**Sampada Dhayarkar**
8. Project N-ARRIM, Satara District, Maharashtra Situational Analysis Report 2013, Seema Sahay, Amit Khandewale, **Sampada Dhayarkar**

## ABSTRACTS PRESENTATIONS AT CONFERENCES

1. Hepatitis E Outbreak in Chopadyachiwadi, Beed District, Maharashtra, India 2013  
Dnyaneshwar S. Nipte, **S. Dhayarkar**, M. Murhekar, S. Pawar, S. Mehendale, 2014, (Second EIS Conference, National Centre for Disease Control Delhi)
2. Acceptance of ART in the Delay Arm after Notification of Interim Study Results: Data from HPTN 052 (Presented at CROI 2013)

T. Gamble; M. McCauley ; J. Talley ; P. Dusara; M. Maliwichi; N. Kumarasamy; J. Batani; F. Matchere; G. Calvet; T. Brum; **S. Dhayarkar**; S. Chariyalertsak; R. A. Lira; S. Govender; S. Badal-Faesen; X. Li; M. Cohen for the HPTN 052 Study Team

3. Incidence and mortality due to tuberculosis in a cohort of 300 HIV infected patients in Pune, India (International Conference on Fundamental and Translational Research on HIV/AIDS: Global Perspectives organized by NIRRH, Mumbai)  
Tripathy S, Ghate M, Sane S, **Dhayarkar S**, Chunkhade S, Wankhede S, Pereira M, Thakar M, Risbud AR, Paranjape RS, Mehendale SM.