

PRAYAS

Initiatives in Health, Energy,
Learning and Parenthood



आरोग्य, ऊर्जा, शिक्षण आणि पालकत्व
या विषयांतील विशेष प्रयत्न

Amrita Clinic, Athawale Corner, Karve Road Corner, Deccan Gymkhana, Pune - 411 004, India.
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Application for Recognition as an IADVL Fellowship Centre-2016

1. Speciality : HIV medicine
2. Program Director: Vinay Kulkarni
3. Other faculty (please specify whether full time or part time and their working time):

Dr. Shrinivas Darak (PhD);
Dr. Ritu Parchure (MBBS, MPH)
4. Department: HIV medicine and dermatology
5. Institution: Prayas
6. Address: Prayas, Amrita Clinic, Athawale Corner, Deccan Gymkhana, Karve Road, Pune, 411004
7. University affiliation for Dermatology/Venereology/Leprology and for Fellowship speciality (if applicable): N.A.
8. Does the Institute have specific restrictions on Fellowship candidates? No
9. Does the Fellowship entail any financial implication for the candidate other than that stipulated by the IADVL? No. But outstation fellows will have to arrange for their stay.
10. Number of days a week the OPD runs: 5
11. Approximate daily OPD attendance of patients in the department: 50
12. Details of the speciality and faculty in the department: HIV medicine and dermatology
 - a. Program Director's qualifications/expertise in that field:
MD, DNB, AAHIVS
Practicing HIV medicine since 1989.
Prayas Amrita Clinic is a charitable clinic providing services to approximately 3000 persons living with HIV
 - b. Working time of the program director: Full time
 - c. Qualifications of other faculty in that field:
Dr. Sanjeevani Kulkarni (LCEH)(Counseling)
Dr. Shrinivas Darak (PhD, Demography)
Dr. Ritu Parchure (MBBS, MPH)
 - d. For departments with other faculty, will the candidate be allowed access to the OT/equipment on the days of other faculty? Not applicable
 - e. Faculty who will be in charge of the program if the Program Director goes on long leave or quits the department:
Dr. Ritu Parchure (MBBS, MPH)

f. Number of years for which the department/institution has been carrying out similar work: 26 years

g. Daily workload (out- and in-patient) in that specialty:
OPD average 50 patients
In-patient (At Deenanath Mangeshkar Hospital) Average 5 per day

h. Equipment:

Facilities (e.g. library): Library available, Laboratory available

j. Space: approx 2000 sq ft

k. Opportunities for basic or clinical research: Available

l. Details of weekly academic activities undertaken by department:
Daily in-patient rounds
Weekly clinical meetings
Daily case discussions

m. Details of presentations/publications/research in the specialty from the department/institution in the last 2 years:

Scientific publications: Recent

Scientific publications: Recent

- 1) Darak S, Mills M, **Kulkarni V**, Kulkarni S, Hutter I, Janssen F (2015) Trajectories of Childbearing among HIV Infected Indian Women: A Sequence Analysis Approach. PLoS ONE 10(4):e0124537. doi:10.1371/journal.pone.0124537
- 2) Joshi S, **Kulkarni V**, Darak T, Mahajan U, Srivastava Y, Gupta S, Krishnan S, Mandolkar M, Bharti AC. Cervical cancer screening and treatment of cervical intraepithelial neoplasia in female sex workers using “screen and treat” approach, May 2015 Volume 2015:7, 477—483, doi <http://dx.doi.org/10.2147/IJWH.S80624>
- 3) Shrinivas Darak, Inge Hutter, Sanjeevani Kulkarni, **Vinay Kulkarni**, and Fanny Janssen (2015): “Occurrence of Pregnancies among HIV Infected Indian Women: Does Knowledge about HIV Status Make a Difference?,” International Journal of Population Research, vol. 2015, Article ID 578150, 7 pages, 2015. doi:10.1155/2015/578150
- 4) Ritu Parchure, **Vinay Kulkarni**, Trupti Darak, Rahul Mhaskar, Branko Miladinovic, Patricia Emmanuel (2015): Growth Patterns of HIV Infected Indian Children in Response to ART: A Clinic Based Cohort Study, Indian J Pediatr, Volume 82, Issue 6, Page 519-524, DOI 10.1007/s12098-014-1659-1
- 5) Mayuri Panditrao, Shrinivas Darak, Vijaya Jori, Sanjeevani Kulkarni & **Vinay Kulkarni** (2015): Barriers associated with the utilization of continued care among HIV-infected women who had previously enrolled in a private sector PMTCT program in Maharashtra, India, AIDS Care: Psychological and Socio-medical Aspects of AIDS/HIV, DOI: 10.1080/09540121.2014.990868
- 6) Ritu S. Parchure, Sanjeevani Kulkarni, Shrinivas Darak, **Vinay Kulkarni**: Assessing Prevention of Parent to Child Transmission Need in The Private Sector for a District: Dilemma for Program Managers. Indian Journal of Public Health, Volume 58, Issue 4, October-December, 2014
- 7) Ritu S. Parchure, Sanjeevani Kulkarni, Shrinivas Darak, **Vinay Kulkarni**: Assessing Prevention of Parent to Child Transmission Need in The Private Sector for a District: Dilemma for Program Managers. Indian Journal of Public Health, Volume 58, Issue 4, October-December, 2014

- 8) **Kulkarni V.** et al.: Biliary tract malignancies in HIV infected persons: a case series. *BMC Infectious Diseases* 2014 14(Suppl 3): E37.
- 9) **Darak S, Gadgil M, Balestre E, Kulkarni M, Kulkarni V, Kulkarni S, Orne-Gliemann J; ANRS 12127 Prenahtest Study Group.** HIV risk perception among pregnant women in western India: Need for reducing vulnerabilities rather than improving knowledge! *AIDS Care*. 2014; 26(6):709-15.
- 10) Darak S, Parchure R, Darak T, Talavlikar R, Kulkarni S, **Kulkarni V.** Advances in the prevention of mother-to-child transmission of HIV and resulting clinical and programmatic implications. *Research and Reports in Neonatology* 2014;4 111-12. <http://dx.doi.org/10.2147/RRN.S46237>
- 11) Purnima Madhivanan, Karl Krupp, **Vinay Kulkarni**, Sanjeevani Kulkarni, Neha Vaidya, Reshma Shaheen, Sean Philpott and Celia Fisher: HIV testing among pregnant women living with HIV in India: are private healthcare providers routinely violating women's human rights? *BMC International Health and Human Rights* 2014 14:7 [doi:10.1186/1472-698X-14-7](https://doi.org/10.1186/1472-698X-14-7)
- 12) **Kulkarni V.** Advertisements in medical journals. *Indian J Dermatol Venereol Leprol* 2014;80:104-5.
- 13) Joshi S, J.M. Babu, D. Jayalakshmi, **V. Kulkarni**, U. Divate, et al. Human papillomavirus infection among human immunodeficiency virus-infected women in Maharashtra, India. *Vaccine* (2014), (In press) <http://dx.doi.org/10.1016/j.vaccine.2013.12.060>
- 14) C. Yoo, A. Saxena, K. Krupp, **V. Kulkarni**, S. Kulkarni, J. D. Klausner, J. Devieux and P. Madhivanan. Logistic Regression and Bayesian Approaches in Modeling Acceptance of Male Circumcision in Pune, India. 20th International Congress on Modeling and Simulation, 1 - 6 December 2013, Adelaide, South Australia. <http://www.mssanz.org.au/modsim2013/14/yoo2>
- 15) Shrinivas Darak, Trupti Darak, Sanjeevani Kulkarni, **Vinay Kulkarni**, Ritu Parchure, Inge Hutter, Fanny Janssen. Effect of highly active antiretroviral treatment (HAART) during pregnancy on pregnancy outcomes: Experiences from a PMTCT program in western India. *AIDS Patient Care and STDs*, 2013, 27-3: 164-170.
- 16) Joshi S, Sankaranarayanan R, Muwonge R, **Kulkarni V**, Somanathan T, Divate U. Screening of cervical neoplasia in HIV-infected women in Maharashtra, India. *AIDS* 2013, 27:607-615.
- 17) Shrinivas Darak, Mayuri Panditrao, Ritu Parchure, **Vinay Kulkarni**, Sanjeevani Kulkarni and Fanny Janssen. Systematic review of public health research on prevention of mother-to-child transmission of HIV in India with focus on provision and utilization of cascade of PMTCT services *BMC Public Health* 2012, 12:320. PMID: PMC3445831

Books / Book chapters

- 1) **Kulkarni V.**, Parchure R. Prevention beyond birth: To breast feed or not to breastfeed. In Action report on Pediatric HIV in India; Ed. Mamatha Lala, 2014.
- 2) **Kulkarni V.**, Parchure R., Kulkarni S. The transition Issues and challenges of perinatally HIV infected Adolescents to Adulthood. In Action report on Pediatric HIV in India; Ed. Mamatha Lala, 2014.

13. Has similar training been offered by the department? Yes.

A 6 months long training course was conducted for pediatricians from Maharashtra on Pediatric HIV.

A module was prepared and physicians from the Avahan project trained for FHI 360.

14. Are hostel facilities available? No.

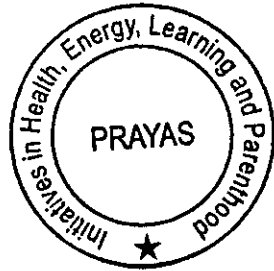
15. Brief description of the intended training program (daily and weekly routine), including details of the curriculum:

The fellow would attend rounds, attend OPD, would participate in weekly training sessions conducted at the organization, would interact with organizational staff involved in different implementation as well as research projects on-going. However, for most part it would be self-learning and interaction on case to case and day to day basis with the faculty.

Curriculum will be covering entire aspects of epidemiology, virology, clinical, psychological and social aspects of HIV

16. Will trainees get hands on training? Yes.

Signature of the Head of Institution and Head of Department



A handwritten signature in black ink, consisting of a large, stylized initial 'D' followed by several loops and a long horizontal stroke.

Application for Recognition as an IADVL Fellowship Centre-2016: Additional information

g. Daily workload (out- and in-patient) in that specialty:

The chief mentor for the fellow will be Dr. Vinay Kulkarni. He is basically a dermatologist by training but has also been practicing HIV medicine since 1988. He is one of the pioneers of comprehensive HIV care in Pune. The clinic (amrita Clinic) opened in 1985 as a dermatology clinic but after establishment of Prayas (an NGO) in 1994 (he is the founder trustee of the same) this has evolved into a HIV care center providing care at affordable cost to HIV infected persons where patients converge from all over Maharashtra and even from outside the state.

Total number of HIV infected persons actively being managed currently >3000.

OPD attendance per day - average 50 patients; of these 80% are HIV patients

Monthly new enrollments to the clinic – 20 new HIV patients, 80 new skin patients

Of these approximately 2000 patients are on first line, 300 on second line and 30 on the third line anti-retroviral treatment.

Meticulous data (in both hard and soft form) of all clients are maintained since 1985

In-patient (At Deenanath Mangeshkar Hospital) admissions - Average 5 per day

h. Equipment: Facilities (e.g. library): Library is available. The library contains range of resource material (more than a 1000 books) such as text books (on HIV medicine, Internal medicines, dermatology, etc), journals, books / booklets about HIV, gender issues, sexuality etc.

The office has good internet connectivity to access online resources of information.

i. Laboratory available – routine hematological, biochemical investigations and CD4 count are done. The laboratory work is managed by a pathologist and two lab technicians.

j. Space: approx 2000 sq ft

k. Opportunities for basic or clinical research: Available

l. Details of weekly academic activities undertaken by department:

OPD hours – 2.30 pm – 9.30 pm.

Daily in-patient rounds are taken between 10.30 to 1 pm.

Weekly academic meetings - Academic meetings are held every Wednesday between 3.30 to 4.30 pm. These meetings are attended by clinical, laboratory, program as well as research staff at Prayas. During these meetings clinical case discussions, presentations on topics related to epidemiology, research

methods, social sciences are held. The members of the organization take turns in presenting several topics.

Daily case discussions during in-patient rounds and OPD as cases are explained as well as discussed

15. Brief description of the intended training program (daily and weekly routine), including details of the curriculum:

During morning hours (10.30 to 1 pm, Monday-Saturday), the fellow would attend in-patients rounds with Dr Kulkarni. These rounds would include observations of management of admitted HIV patients and bed side case discussions.

There would be lunch break during 1 – 2.30 pm

Between 2.30 pm – 4.30 pm (Monday-Saturday) – Training based on HIV training module that was used for training of undergraduates, pediatricians, obstetricians and gynecologists and physicians of Avahana project supported by the Bill and Milinda Gates foundation would be used. The module covers following topics–

- Virology and immunology of HIV,
- Natural history of HIV,
- Clinical manifestations of HIV,
- Opportunistic infections and their management,
- Principles of HIV management,
- HIV counseling,
- STI and HIV,
- Prevention of mother to child transmission of HIV,
- Diagnosis and management of pediatric HIV,
- Infection Control Measures,
- Psycho-social aspects of HIV, and
- Basics of HIV epidemiology.

During evening hours (4.30 pm – 9.30 pm, Monday - Friday) the fellow would attend OPD at Prayas clinic.

On Wednesdays (3.30-4.30pm) the fellow would participate in weekly academic meetings held at Prayas. The fellow would get an opportunity to interact with research staff as well program management and field staff involved in different ongoing projects.