

INTERNATIONAL HEALTH ORGANIZATION (I.H.O.)

Serving the Indian Subcontinent since 1992!



“REGIONAL AIDS TRAINING CENTRE AND NETWORK IN INDIA” (R.A.T.N.E.I) Report on Second Year of RATNEI (2005-2006)



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| <p>IHO- Office Coordinator USA: Sumeet Srivastava</p> | <p>Dr. Vijay K Reddy, MD, MPH Los Angeles AIDS Foundation</p> |



HIGHLIGHTS:

1. The **first “Regional AIDS Training Program & Network”** established in India to provide training to healthcare workers in the poorest region of India, the **Eastern and Northeastern states** which has successfully completed two cycles of providing trainings on all aspects related to HIV/AIDS
2. The first non-governmental regional AIDS program in the Indian subcontinent which has formed a **collaborative Network of Indian states and their adjoining countries** of Nepal, Bangladesh, Sri Lanka and Bhutan for HIV in Indian subcontinent;
3. One of the most comprehensive capacity development program for AIDS programs in Indian subcontinent which has brought together **AIDS experts from more than twenty five organizations from USA** (Harvard University, CDC, State Departments of Public Health, AIDS Service Organizations and others) **and India** (Government of India, UNAIDS, Patna Medical College, PGIMS, IGIMS, Grant Medical College, Network of Positive People!) The diverse array of experts provides for an ambitious collaborative project!
4. One of the most **cost-effective** models for AIDS capacity development at regional level and comprehensive level of training;
5. More than **four thousand doctors, nurses, health workers,** paramedical workers, grassroots health workers, and community members trained at the end of two years!
6. **Three Levels of Training: Advanced, Paramedical, Grassroots,** for doctors, nurses and managers; paramedical and mid-level health care workers; and village level; respectively;
7. Health care workers trained from Indian States of :

Bihar, Bengal, Orissa, Jharkhand, Uttaranchal, Manipur, Nagaland, Assam, Uttar Pradesh, Maharashtra, Haryana, Tamil Nadu, Andhra Pradesh, Goa, Delhi and Rajasthan !

and neighboring countries of:

Nepal, Bangladesh, Bhutan, Sri Lanka!!



INTRODUCTION TO IHO

International Health Organization (I.H.O) is a Boston, USA based non – profit organization working towards improving the health of the poorest people in the Indian Sub-continent, the empowerment of the people of South Asian Countries, primarily India and Nepal, through long term sustainable health and developmental programs. We are a multidisciplinary team who have been working in South Asian countries with expertise in the areas of international health, public health, clinical medicine, international development, medical sciences, health programmes and policy development, rural development and empowerment of the disenfranchised.

AIDS IN INDIA

In recent years, India has had a sharp increase in the estimated number of HIV infections, from a few thousand in the early 1990s to around 5.7 million children and adults living with HIV/AIDS in 2006. With a population of over one billion people, the HIV/AIDS epidemics in India will have a major impact on the overall spread of HIV in Asia and indeed worldwide.

The HIV problem in India is at a critical point in its epidemic, and unfortunately is considered a 'next wave' country. This is important to note because it means that wide-scale interventions and prevention measures could help curb a more serious epidemic in the future. The spread of HIV within the country is as diverse as the societal patterns between its different regions, states, and metropolitan areas. In fact, India's epidemic is made up of a number of epidemics, and in some places they occur within the same state. The epidemics vary from states with mainly heterosexual transmission of HIV, to some states where injecting drug use is the main route of HIV transmission. Both tracking the epidemic and implementing effective programs poses a serious challenge to the authorities and communities in India.

It would be easy to underestimate the challenge of HIV/AIDS in India. India has a significantly large population, high poverty levels, low literacy levels. Consequently, these factors lead to low levels of HIV/AIDS awareness, proving to be one of the most challenging public health problems ever faced by the country.

Why Our Focus on Eastern and NE Indian States and Why a Regional Approach ?

The RATNEI regional office is situated in Patna, the capital of the state of Bihar, at Indo-Nepal border, in the Eastern Region of India. This was a strategic move in order to help build the capacity of this impoverished region before the epidemic worsens in the high risk areas of Eastern and Northeastern states of India. RATNEI is the first of its kind regional AIDS training program in this area.

Due to limited funds available for AIDS programs in India, most of the available resources have been directed towards the high prevalence states and very little resources have been available to build the infrastructure of the eastern region of the country where it is feared that the AIDS epidemic will cause the worst devastation in the coming years. The feared risk factors in the eastern region of India include: a huge migrant labor population including a high prevalence truck driver population, poor health



infrastructure, high illiteracy and lowest levels of HIV awareness, the poorest population, highly populous states, illegal trafficking of women across the Indo-Nepal border. IHO believes that the HIV/AIDS epidemic is a matter of extreme priority in this region since the epidemic is also matter of great social and economic consequences for these states and adjoining countries. With all these cognitions in mind, International Health Organization based in Boston, USA, established a "Regional AIDS Training Centre and Network in India" (RATNEI) at Patna, India, at Indo-Nepal Border in 2004.

RATNEI's goal is to build the capacity of individuals and institutions to implement HIV/AIDS programs and services in Eastern states of India and the adjoining countries which share similar socio-economic conditions and risk factors for HIV/AIDS. The REGIONAL approach of RATNEI is aimed at establishing greater collaboration amongst the states and countries of this region which in spite of great commonalities, do not have any forum for collaboration and resource sharing. True to our expectation, this program has been very enthusiastically received by participation from all over the India Sub-continent!. While majority of participants for our advance level training are from the state of Bihar, however, from amongst those who were NOT from Bihar state, the Percentage breakdown of RATNEI Level 1 participants is as follows: Jharkhand (11%), Orissa (14%), Bengal (14%), Nagaland (4%), Manipur (1%), Maharashtra (8%), Tamil Nadu (3%), Andhra Pradesh (9%), Haryana (2%), Delhi (2%), UP (5%), and one percent each from Nepal, Bangladesh, and Sri Lanka.

The Completion of Second Successful Year of RATNEI !

The following are the major accomplishments for the Period July 05- June 06: Evaluation of the Year 1 completed; in addition to the six Level 1 scheduled modules, an additional refresher training for ARV was provided for those already trained in Year – I; Second year of level I/II/III were completed consisting of SIX Level I modules which trained close to 400 healthcare professionals from ten states of India and three neighboring countries; six Level – II trainings were conducted which trained approximately 1000 mid-level health workers from the state of Bihar were provided training; and six Level – III grassroots level trainings were provided to approximately 2000 people including those at our Roadside Transport workers AIDS education programs in Dhobi, Bihar.

Targeted Evaluation survey was conducted from amongst the participants of Year – II. It was learnt that almost all (99%) of the participants in Year – I had expressed complete satisfaction with the nature, magnitude and level of trainings provided; some of the Level-I participants felt that they had started to utilize the information from the trainings they received; others felt that it was too early to implement what they had learnt.

By end of SECOND Year of RATNEI, it has been successfully established as a truly REGIONAL AIDS Training Centre for the Indian Subcontinent in general and Eastern/Northeastern states of India in particular. RATNEI trained more than two thousand health personnel from ten Indian states and three neighboring countries, at three different levels- Advanced, Para-medical, and grassroots level. In this report period, RATNEI was able to form collaborative partnerships with Harvard Medical International of Harvard University, USA, and several hospitals, medical centers, government agencies, and NGOs in India. RATNEI has now started its third year from July 1, 2006. **The following pages provide a brief outline of some of the trainings provided by RATNEI .**



Module I : HIV/AIDS Project Planning and Management: January 2006

Syllabus Included:

1. HIV/AIDS control programme and policies.
2. Health Care resource allocation.
3. Integration of AIDS, TB, Hepatitis and STD Programs.
4. Monitoring and Evaluation of HIV/AIDS programs.
5. Epidemiology of HIV/AIDS
6. Using data to plan and manage AIDS programs.
7. Building and using Surveillance system.



Honourable Health Minister Govt. of Bihar, Mr. Chandra Mohan Rai is inaugurating M-I training programme



Honourable Health Minister Govt. of Bihar, Mr. Chandra Mohan Rai, is being honoured by Dr. Bikash Verma, President IHO

US Faculty:

- Dr. Bikash Verma President IHO, Boston, USA.
- Mr. Walter Chow Centers for Disease Control, (CDC), USA.

Indian National Faculty:

- Prof. R.S. Goyal, Dean, Indian Inst of Health Management, Rajasthan

Bihar Local faculty:

- Dr. Geetanjali Kumari, Bihar State AIDS Control Society
- Dr. Meenakshi Swaraj, Janhit NGO

Participants:

There were 53 participants (MBBS doctors and Sr. Executives of NGO's) from Bihar, Bengal, Jharkhand, Maharashtra, Andhra Pradesh, and 5 other states.



Dr. Dilip Sen, Dr. Narendra Prasad & Dr Shankar Nath of Bihar.



Prof. R.S. Goyal of Indian Institute of Health Management.



**Module-II : HIV/AIDS Prevention and Education
(Including Health Promotion, Social Marketing): February 2006**

Syllabus Included :

1. Fundamentals of Prevention and Education.
2. Integration with other health education program.
3. Prevention and Education for high- risk population.
4. General principles, policies and practices.



US Guest Faculty Dr. Mary Driscoll inaugurating Module -II training programme (Pictured from left to right: Dr. Diwakar Tejaswi, Medical Director-RATNEI, Dr. Ajay Kumar, President IMA INDIA, Dr. Kiran Sharan, Noted Pediatrician, Bihar, Dr. B.B. Verma, Regional Director, IHO- India)



A group discussion is during Module -II training programme.

US Faculty:

Dr. Mary Driscoll, Exec. Director, 'On With Living and Learning', Cambridge
Mr. John Pierce, Boston, USA

Indian national Faculty:

Dr. A.S. Rathore, Joint Director, National Institute of Communicable Diseases (AIDS Division), Govt. of India, New Delhi.

Bihar Local Faculty:

Dr. Rashmi Singh, Patna Medical College and Hospital, Patna.
Dr. Devendra Prasad, Bihar State AIDS Control Society
Dr. Rajan Verma, Bihar State AIDS Control Society
Dr. Geetanjali Kumari, Bihar State AIDS Control Society

Participants:

Altogether, 50 participants (including doctors and senior executives of NGO's) from Nagaland, Orissa, West Bengal, UP, Maharashtra, Goa, and Jharkhand participated in the training program.



Module-III: HIV/AIDS Prophylaxis, Care Treatment and Support: March 2006

Syllabus Included :

1. History and clinical manifestations of HIV/AIDS
2. HIV and Co infections: TB, STD, Hepatitis
3. Management of opportunistic infections
4. Clinical Management of HIV/AIDS cases
5. Untoward events (occupational exposure)
6. Women and HIV infection (inc. MTCT)
7. Children and HIV: Care and Support.



Chief Guest Dr. S.N.Arya, Sr. Physician of Bihar is inaugurating Module-III training programme (Pictured from left to right: Dr. K. K. Sharan, Noted ENT Surgeon of Bihar, Dr. H.R. Mishra, Advisor IHO, Dr. Diwakar Tejaswi, Medical Director RATNEI, Dr. B.B. Verma, Regional Director, IHO-India)



Pictured from right to left: Mr. S.P Sinha (IAS)- Project Director of Bihar State AIDS Control Society, Dr. Diwakar Tejaswi, Dr. Dilip Sen, Dr. B.B. Verma, Dr. Prema Devraj from Raxaul, Bihar is receiving certificate.

US Faculty:

Dr. Lori Panther, MD, MPH, Beth Israel Deaconess Medical Centre, Infectious Disease Division (scheduled speaker)

Indian National Faculty:

Dr. S. Rajendra Prasad, Vivekanand Memorial Hospital, Mysore

Bihar Local Faculty:

Dr. Geetanjali, Bihar State AIDS Control Society, Patna
Dr. A.K. Singh, Dean, Indira Gandhi Institute of Medical Sciences, Patna.
Dr. Amar Kant Jha, Patna Medical College
Dr. VK Thakur, Kurji Holy family Hospital
Dr. Devendra Prasad, Bihar State AIDS Control Society
Dr. PK Sinha, Rajendra Memorial Research Institute, Patna
Dr. Diwakar Tejaswi, RATNEI, IHO

Participants:

In total, more than 50 doctors from across the Indian Subcontinent participated in the module.



Module-IV: HIV/AIDS Voluntary Counseling and Testing and Laboratory Services : April 2006

Syllabus Included :

1. National guidelines for VCT of HIV infection
2. Blood/Bio safety and infection control
3. Lab diagnosis of HIV/AIDS (Viral load, CD4)
4. Legislation on blood and blood products
5. General principles, policies and practices

The inaugural session was well covered by the electronic and print media on both a state and national level. Dr. L.K. Verma, the guest of honor, expressed his surprise to see such a well-designed, extensive, and technical modular training program.



The training programme was duly inaugurated by the Chief Guest, the Principal PMCH, Dr. M.L Verma and the Guest of Honour, Dr. L.K. Verma, Air Marshal (Retd), PVSM, Ex Director General of Medical Services (Armed Forces).



Demonstration of CD4 counting and HIV testing during training programme at JAYAPRABHA BLOOD BANK, Patna. Dr. Devendra Prasad, Joint Director, Blood Safety, BSACS is instructing the participants.

US Faculty:

Dr. Romesh Gautam, Washington State Public Health Department (scheduled speaker)

Indian National Faculty:

Dr. Abhay Chowdhary, MD, DHA, DM, Virology, HOD, Dept of Microbiology, J.J. Hospital & Grant Medical College, Mumbai, Maharashtra.
Dr. AS Rathore, National Institute of Communicable Diseases

Bihar Local Faculty:

Dr. Sandeep Sen, Sen Laboratories
Dr. Devendra Prasad, Bihar State AIDS Control Society

Participants:

50 participants all of whom were physicians were in attendance from different parts of India and Nepal



**Module-V : AIDS Advocacy, Activism, Coalitions,
Communication And Human Rights: May 2006.**

Syllabus Included :

1. Confidentiality and human right issues.
2. Preventing discrimination, access to care.
3. Coalition building, networking, resource sharing.
4. General principles, policies and practices.



Mr. Joe McKee, Deputy Director of AIDS Project, Worcester, Inc and Dr. Geetanjali Kumar (Additional Project Director, Bihar State AIDS Control Society) delivering lectures during Module-V training programme.

This training program was inaugurated by Dr. A.K. Singh, Dean and Director of Indira Gandhi Institute of Medical Sciences, Sheikhpura Patna.

US Faculty:

Mr. Joe McKee, Deputy Director, AIDS Worcester Project, Boston, MA

Indian National Faculty:

Dr. Deepak, Medical Consultant, Uttar Pradesh Voluntary Health Association of India, Lucknow, Master Trainer for USAID Sponsored project SIFPSA on RCH for the State of Uttar Pradesh.

Dr. Pandey Ganesh, Hindyatullah National Law University, Raipur

Bihar Local Faculty:

Dr. Devendra Prasad, Bihar State AIDS Control Society

Dr. Rashmi Singh, Patna Medical College

Dr. Himanshu Roy, Srijan Nursing Home, Patna

Dr. Geetanjali Kumari, Bihar State AIDS Control Society

Mr. MS Raina, Doordarshan TV Center, Patna

One Person from Bihar Network of Positive People, Bihar, Patna.

Participants:

52 participants attended the intensive training who sessions (MBBS Doctors, Senior Executives of NGOs, and Senior Media Executives). Participants attended from Bihar, Orissa, Jharkhand, Manipur, Uttar Pradesh, Chattisgarh, West Bengal, Rajasthan, Maharashtra and also participants from Bangladesh.



Module-VI : HIV/AIDS Anti-Retroviral Therapy: June 2006

Syllabus Included :

1. Indications and guidelines for ARV treatment
2. Review of ARVs by class
3. HIV drug resistance
4. ARV therapy in resource-limited settings
5. Adherence and compliance
6. Updates and review of ARV related topics.



US Faculty:

Dr. Sigall Kassutto, Division of Infectious Diseases, Beth Israel, Deaconess Medical Centre, Harvard Medical School, Boston, MA

Indian National Faculty:

Dr. Vijay Bhaskar Reddy, Engender Health, Bangalore

Bihar Local Faculty:

Dr. Himanshu Roy, Center for Assisted Human Reproduction, Patna

Dr. Devendra Prasad, Bihar State AIDS Control Society

Dr. Geetanjali Kumari, Bihar State AIDS Control Society

Dr. Diwakar Tejaswi, RATNEI, IHO

Dr. VK Thakur, Kurji Holy Family Hospital

Participants: 52 doctors from several Indian states attended the module.



Shri Ashwini Kumar Choubey, Minister Urban Development Govt Of Bihar, Dr. Diwakar Tejaswi and Ms. Jessica Kraft from IHO-RATNEI, distributing certificates to the participants during Module-VI training programme. Pictured on the right, Dr. Sigall Kassutto AIDS expert from Harvard Medical School is delivering lectures.



LEVEL II: MID-LEVEL TRAINING FOR PARAMEDICS AT DISTRICT LEVEL

Module I : HIV/AIDS Project Planning and Management: Syllabus Included:

Under this level, the trainings were provided to paramedical staff members, nurses, health workers, representatives from social institutions, non governmental organizations, and voluntary organizations. The duration for the training programmes under this level was of 2/3 days. A number of level II trainings were performed throughout the second cycle, a few examples are listed:

Example One: Program for Community Health Workers

In the series of Level II training programs, RATNEI organized two day trainings for the ANM & Village Health Educators, working under health development programs for different non-governmental organizations. Trainings were organized at the RATNEI Training Hall on 6th & 7th of October, 2005. Altogether 30 participants including ANM, village health workers and cluster supervisors attended the training. Famous Virologist, Dr. Vijay Kumar of PMCH, Dr. Geetanjali from BSACS, and Dr. Diwakar Tejaswi, Medical Director, RATNEI were chief resource persons during the trainings.



II training of ANM , Village Health workers and nurses in the IHO training hall in Patna.

Example Two: Program for Para-Medical students

A two-day training session was held on the 3rd and 4th of May, 2006 in the conference hall of IHO-Patna office. This session provided specific training on HIV/AIDS prophylaxis, voluntary counseling and testing, and laboratory services for 32 paramedical students. Dr. Diwakar Tejaswi, Medical Director of RATNEI, and Dr. Devendra Prasad, Joint Director, Blood Safety Program, Bihar State AIDS Control Society were the resource persons and provided comprehensive lectures on the subject matter.



Dr. B.B. Verma , Regional Director IHO with Dr. Diwakar Tejaswi and Mr. B.K Sinha distributing certificate to the Paramedical student during Level-II training programme at training hall IHO Patna, Participants are taking training during the session.

LEVEL III: GRASSROOTS LEVEL TRAINING AT VILLAGE LEVEL

Under this level, many trainings were provided at the grassroots level to villagers and community health workers. These training programs were mostly of one-two days. It was noted that during these training programs, the participation from women was also very high, a crucial factor since HIV/AIDS has moved from urban to rural areas and is an increasing risk for women. ***A few examples:***



Dr. Diwakar Tejaswi, Medical Director RATNEI, delivering lecture during level-III training programme

March, 2006

Dr. Diwakar Tejaswi, Medical Director of RATNEI, and Ms. Namita Pathak, HIV/AIDS community trainer, were the resource persons during the trainings, sharing a wealth of knowledge with the women of the rural village of Maner.



December 2005

At Veer Savarkar Shishu Mandir, Mahendru, Patna.

Altogether, 61 participants (adolescent boys and girls, teaching staff of the school, local housewives and general public) attended the training program.



The Dobhi Highway AIDS Prevention Project

Mr. C. K. Anil, Project Director, BSACS at "Yauvan Mela" at Dobhi Centre.

has started creating HIV/AIDS awareness among the nearby villagers. Periodic Yauvan melas (Youth Festive Camps) were also organized in which condoms are distributed and other safe sexual behaviors are advocated.



December 1st World AIDS Day (India):

Along with important government and medical personnel, approximately 120 doctors and media persons attended the program. The function concluded with a performance of a thematic Nukkad Natak (Street Play) on HIV/AIDS.



Urban Development Minister, Govt. of Bihar, Mr. Ashwini Choubey is honoring a young girl, Diwakshi, for her excellent recital of an AIDS poem on World AIDS Day. Others seen in the picture are Dr. Diwakar Tejaswi, Dr. B.B. Verma, Dr. Narendra Prasad, Dr. H.R. Mishra and Mr. Anand Diwedi. Lion's Club of Patna Quest, Inner Wheel Club of Patliputra and Cipla Supra Care Ltd. supported RATNEI in organizing this event and showed their interest in working with IHO-RATNEI in the future.

AIDS in India Conference 2nd December 2005 (Boston, USA)

Conference Objectives: Provided updated information on HIV/AIDS prevention, care and treatment, the latest information on HIV vaccine development and drugs, established better coordination and partnerships among attendees and between participating organizations, recognized and was able to utilize information on HIV/AIDS and co-morbidities in the international health arena.



Welcome Address: Barry R. Bloom, PhD, Dean of Faculty, Harvard School of Public Health
Keynote Speaker: Ambassador Teresita Schaffer Director, South Asia Program, Center for Strategic & International Studies, WDC
Corporate Sector Speaker: Mr. Bharat Wakhlu President, TATA Inc., USA
Participants: Harvard and Boston University, NGO's, pharmaceutical co, funding agencies, regional hospitals



COLLABORATION WITH MEDIA AND ROLE OF MEDIA IN COMMUNICATING RATNEI 'S AIDS PREVENTION MESSAGE

RATNEI aims to build capacity for HIV/AIDS awareness in the region and is a model for regional collaboration between Indian states in the northeastern region and adjoining countries. IHO/RATNEI encouraged participation from the media (electronic, print, radio and television) to inform health professionals and the general public about the RATNEI trainings being provided and HIV/AIDS information in general. In the second cycle of RATNEI the media has extensively covered RATNEI trainings, which aids in reducing stigma of HIV/AIDS in the region and assists in the growth of RATNEI programs.

A few selected press coverage of RATNEI in 2005-2006:



Evaluation of RATNEI was guided by comprehensive conceptual frameworks used to investigate both the development and outcomes of training in HIV prevention and treatment. The evaluation study relied on an assessment of knowledge, skills and attitude of participants and other health-related measures before and following program participation to assess the impact of training upon the clinicians and to identify characteristics of programs successful in linking PLWHA to care.

This abstract of RATNEI evaluation data was obtained from profile, feedback, and two month follow-up questionnaires administered to 100 randomly selected physicians who attended LEVEL 1 RATNEI trainings through 2004-2006. Data collection includes use of questionnaires, observation, curriculum review, and on-site and telephone interviews with participants and training staff.

Ninety-eight percent of participants found the RATNEI trainings helpful; 96% reported that RATNEI trainings helped improve their skills and knowledge in the area of HIV/AIDS Treatment, care and support; 97% reported that they are utilizing the information/training received at RATNEI; 83% physicians reported that they started treating HIV/AIDS patients as a result of RATNEI trainings; 80% reported that they have increased the number of HIV/AIDS patients that they care for as a result of attending RATNEI, while 86% attributed their increased clinical skill and a knowledge base of HIV/AIDS issues to RATNEI trainings. 93% also responded that RATNEI helped to reduce HIV-related stigma at their work place, in their own personal attitudes, and among their peers. 81% indicated that RATNEI has had an impact on the HIV/AIDS epidemic in the Indian subcontinent.

SIGNIFICANT EVALUATION FINDINGS FROM ADVANCED CLINICAL TRAINING:

Major Impact upon RATNEI-trained Clinicians and PLWHA:

1. increased understanding of treatment, care and support of PLWHA
2. more number of clinicians initiated care, treatment and support of PLWHA
3. increase in the number of PLWHA being taken care of by individual clinicians
4. fostering more compassionate care of PLWHA
5. destigmatization of PLWHA and the epidemic among clinicians and their institutions
6. institutional changes to either initiate or improve care, treatment and support of PLWHA
7. greater collaboration among clinicians, institutions, government
8. greater utilization of resources by clinicians for treatment, care and support of PLWHA
9. increased referral of PLWHA to acute and chronic care centers of care, treatment and support
10. initiation of newer programs by clinicians for prevention and treatment of HIV/AIDS

Utilization of RATNEI provided knowledge and Skill upon RATNEI-trained Clinicians:

1. increased utilization of ARV
2. change in timing for initiation of ARV
3. more competent and confident management of adverse events associated with ARV;
4. better management of ARV related anemias among their PLWHA cohort
5. better application of ARV combination therapy and second generation medications
6. better management of TB/AIDS cases
7. better utilization and application of CD4 count as a prognostic marker for HIV treatment;
8. better management of hepatotoxicity, neuropathy, lipodystrophy associated w ARV;
9. better care, treatment and support of pediatric HIV/AIDS cases
10. initiation of nevirapine for prevention of MTCT ;
11. better management of side effects of ZDV induced anemia and Stavudine induced toxicities, and Comparison of two regimens: d4T+3Tc+NVP combination, and Firstline ART if available.



“Regional AIDS Training Center & Network in India” (R.A.T.N.E.I.)



Faculty and Resources

| UNITED STATES | | INDIA | |
|---|---|----------------------|--------------------------------------|
| Name | Institution | Name | Institution |
| Dr. Sigall Kassutto | Harvard University Medical School | Dr. R.P. Goswami | School of Tropical Medicine, Kolkata |
| Dr. Mary Driscoll | On With Living and Learning, MA | Dr. S. N. Mishra, | UNAIDS, New Delhi. |
| Mr. John Pierce | Massachusetts Dept of Education, MA | Prof. R.S.Goyal | Inst of Health Management, Rajasthan |
| Dr. Lori Panther, MD, MPH | Harvard University Medical School | Dr. Meenakshi Swaraj | Janhit Kala Sansthan, Bihar |
| Ms. Koundinya Singaraju, | Boston Public Health Commission | Dr. A.S. Rathore | NACO, Govt. of India, New Delhi |
| Dr. Vijaybhaskar Reddy Kandula, MD, MPH | AIDS Healthcare Foundation, Los Angeles, CA | Ms. N | Kolkata Network of Positive People |
| Dr. Jean Ho- Jong | Delaware State Public Health Laboratory | Ms. S | Kolkata Network of Positive People |
| Dr. Bikash Verma | Commonwealth of Massachusetts Dept of Public Health | Dr. Rashmi Singh | Patna Medical College and Hospital, |
| Mr. Gary Shostak, MPH | Massachusetts Department of Youth. | Dr. Amita Jain, MD | King George's Medical University, |
| Dr. Romesh Gautom | Washington State Public Health Lab | | |



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| | Dr. Sathi Das Gupta | National Minority AIDS Council | Dr. Archana Sud | Post Graduate Institute of Medical Education, Chandigarh. |
| | Senator Jarrett T. Barrios | Massachusetts State Senator | Dr. D.K Yadav | Indira Gandhi Institute of Medical Sciences |
| | Mr. Walter Chow | US Centers for Disease Control (CDC) | Dr. A.K. Singh | Indira Gandhi Institute of Medical Sciences |
| | Dr. Paul Etkind | Nashua Dept of Public Health | Dr. Abhay Chowdhary, MD, DHA, DM | J.J. Hospital and Grant Medical College, Bombay |
| | Dr. Romesh K Gautum | Washington State Department of Health | Dr. Manju Bala | Safadarjung Hospital, New Delhi |
| | Dr. Prabhat Jha | World Health Organization (WHO) | Dr. Vijay Kumar | Patna Medical College, and Hospital, Patna. |
| | Mr. Joe McKee | AIDS Project Worcester, MA | Dr. P.K. Sinha | Rajendra Memorial Research Institute (RMRI), Bihar |
| | Mr. Eliot Putnam | USAID Consultant | Dr. Sanjeev Vimal | Rajendra Memorial Research Institute (RMRI), Bihar |
| | Dr. Vijay Reddy Kandula | AIDS Healthcare Foundation, Los Angeles, CA | Dr. Deepak | Uttar Pradesh Master Trainer for USAID |
| | Dr. V.P. Sneller | Centers for Disease Control and Prevention (CDC) | Mr. Frank Krishner | Foundation for , Working on MSM, Bihar |
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