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Snapshot

These statistics reflect the Regional Knowledge Hub's activities from its inception in March 2004 through November 2010

- Knowledge Hub courses held: **247**
- Healthcare professionals trained: **5955**
 - Russia: **2824**
 - Ukraine: **2169**
 - Uzbekistan: **273**
 - Belarus: **168**
 - Kazakhstan: **119**
 - Moldova: **118**
 - Tajikistan: **100**
 - Kyrgyzstan: **98**
 - Azerbaijan: **57**
 - Estonia: **29**

Physicians who have earned nationally recognized advanced professional certification in adult/adolescent or pediatric AIDS treatment through the Knowledge Hub:

- Ukrainian: **294** physicians
- Russian: **66** physicians and **22** nurses

The Knowledge Hub offers more than 40 courses on a broad range of HIV-related care and treatment topics.

Fourteen new and/or updated courses were developed in 2008-2009 and posted on the Knowledge Hub's web site in 2009-2010. These include:

New Courses:

- Integrated Approach in Treatment and Management of HIV/TB/Hepatitis Co-Infection in Substance Users
- Three-Step HIV/AIDS Program for Nurses
- Case Management: Patients Adherence to ART (for social and medical workers)
- Integrated Care Model for PLWHA
- Training-of-Trainers Course: HIV/AIDS for Social Workers
- Support of Sexual and Reproductive Health in People Living with HIV
- Organ and System Complications in Patients with HIV-Infection
- Laboratory Diagnostics of Opportunistic infections and Monitoring of HIV Treatment Quality
- Viral Hepatitis C and B and HIV: Management Strategies for Co-infected Patients

Updated Courses:

- Advanced Pediatric ART and Management of Opportunistic Infections
- PMTCT
- Advanced Adult ART
- HIV/AIDS Treatment and Care for Injecting Drug Users
- Management of HIV and TB Co-Infection

Ten of these courses have been developed with support from the WHO Regional Office for Europe.

Knowledge Hub Calendar

*The following trainings and events are scheduled to take place
at the Knowledge Hub or affiliated centers
December 2010 – February 2011*

Russia

December 6-10

25 years of fighting HIV/AIDS in Russia Conference, Suzdal

Representatives from the KH/AIHA will take part in this scientific conference, where they will present information on AIHA/KH activities and distribute two recent Russian translations — “Medical Management of HIV Infection 2009-2010” (J. Bartlett and J. Gallant) and “HIV Medicine 2009” (J. Gallant), and the new manual “HIV-Medicine”, developed by KH/AIHA partners from St. Petersburg with support from AIHA.

Uzbekistan

December 1

World AIDS Day, Tashkent

Representatives from the Regional Training Center on Care and Treatment of HIV/AIDS for Central Asia (ROC T&C) will take part in an international conference and series of World AIDS Day 2010 events that will be conducted in Tashkent. They will present a new manual on HIV-infection for medical students and general practitioners which was recently adapted by the Tashkent Medical Academy based on the original course developed by experts at Sechenov Moscow Medical Academy with support from AIHA and the “Strategic Partnership Initiative” project.

December 3-4

Five Years of Work on Prevention of HIV-infection in Central Asia: Experience and Way Forward Conference, Tashkent

Representatives from the KH/AIHA will take part in this close-out conference organized by the Central Asia AIDS Control Project (CAAP) to summarize CAAP activities carried out between 2006 and 2010. The event is a forum for sharing best practices and presenting the most successfully implemented sub-projects. AIHA/Regional Training Center on Care and Treatment of HIV/AIDS for Central Asia (RTC T&C) will present its key accomplishments, experience, and future plans. They will also attend a subsequent conference on the results of assessments of safe injection practices and needs for disposable medical instruments in healthcare facilities in Kazakhstan, Kyrgyz Republic, Tajikistan, and Uzbekistan.

December 13-17

Clinical on-site Mentoring for Physicians and Nurses, Tashkent

A five-day clinical on-the-job mentoring course for physicians and nurses who will work at the new clinic of the Republican AIDS Center in Uzbekistan will be provided by international specialists from Germany and the United States through the “Development of the Regional

Training Center (RTC) on Care and Treatment of HIV/AIDS for Central Asia” project with support from the Central Asian AIDS Control Project and World Bank.

December 14-16

Working Meeting of the Regional Central Asian Training Center on HIV/AIDS Care, Treatment, and Support for PLWHIV, Tashkent

Representatives from the RTC T&C, Uzbek Ministry of Health, TashIPME, the Republican AIDS Center, CAAP, and AIHA will meet to summarize the main achievements of the RTC T&C since its establishment in October 2009 to December 2010, discuss challenges, and plan further activities to strengthen HIV/AIDS capacity in Central Asian Region.

Knowledge Hub in Review

These events were hosted by the Knowledge Hub or affiliated centers in September – November, 2010

November 11-15

41st Union World Conference on Lung Health, Berlin, Germany

Two representatives from AIHA/KH took part in this international conference, which focused on “Tuberculosis, HIV and Lung Health: From Research and Innovation to Solutions.” The new data and innovative methods presented at the conference will be applied in to the KH courses and training programs.

Russia

September 31 - October 5

Postgraduate Course on HIV and Hepatitis Co-infection, Orenburg

The Orenburg State Medical Academy (OrSMA)/Orenburg HIV/AIDS Information Resource Center conducted the newly adapted postgraduate 72-hour course “Issues of Specialized Medical Care in Patients with HIV and Hepatitis B and C,” which was developed by the Moscow State University of Medicine and Dentistry (MSMSU)/AIHA. Participants included 17 residents, interns, and PhD fellows from OrGMA. OrSMA faculty from the Department of Epidemiology and Infectious Disease taught the course.

Belarus

October 4-6

Advanced Adult ART and Management of Opportunistic Infections for Multidisciplinary Teams, Minsk

This three-day training was conducted by AIHA and the Knowledge Hub with support from the EU-BLR WHO Country Office. Fourteen infectious disease physicians and nurses from Belarus were trained in advanced issues of adult ART and management of opportunistic infections for provision of comprehensive care and treatment to PLHIV based on a multidisciplinary approach by the experienced faculty from St. Petersburg, Russia.



**October 7-8
Adherence to ART, Minsk**

This two-day training was conducted by AIHA and the Knowledge Hub with support from the EU-BLR WHO Country Office. Topics covered in the course included methods of improving ART adherence among specific patient populations, such as injection drug users (IDUs), pregnant women, adolescents, and children. Sixteen peer counselors and volunteers from Belarus attended this training and were trained by the faculty from St. Petersburg, Russia.



Uzbekistan

**October 18-19
Working Meeting on Issues of Postgraduate Education in Central Asia, Tashkent**

AIHA and the Regional Knowledge Hub for the Care and Treatment of HIV/AIDS in Eurasia provided technical assistance for the working meeting, which was conducted through the “Development of the Regional Training Center (RTC) on Care and Treatment of HIV/AIDS for Central Asia” project with support from the Central Asian AIDS Control Project and World Bank.

With the objective of strengthening the provision of HIV/AIDS treatment and care by improving postgraduate education opportunities available to healthcare professionals, leading medical academies and universities in Kazakhstan, Kyrgyzstan, Tajikistan, and Uzbekistan were working on the adaptation of three HIV/AIDS courses previously developed by the Moscow State University of Medicine and Dentistry in Russia, and presented them at the meeting.



Seventeen participants, including two representatives from the Uzbek Ministry of Health and faculty from the medical institutions of postgraduate education of four Central Asian countries who adapted the courses attended the meeting. Faculty from the Moscow State University of Medicine and Dentistry, courses developers, and representatives from the Regional Training Center (RTC) on Care and Treatment of HIV/AIDS for Central Asia also attended. Participants discussed in detail the nine adapted courses (three courses in Kyrgyzstan and Uzbekistan, two

courses in Tajikistan, and one in Kazakhstan), along with next steps for course implementation at the national level in each country. Representative from the KH/AIHA facilitated the meeting.

October 19-22 Evidence-based Practice Workshop, Tashkent

A four-day advanced training on evidence-based practice was conducted at the Central Asia Regional Educational Center for PLWH Treatment and Care through the Central Asia AIDS Control Project (CAAP).

Nineteen specialists, all Learning Resource Center information coordinators and faculty members from undergraduate and postgraduate medical education institutions in Kazakhstan, Kyrgyzstan, Tajikistan, and Uzbekistan that are involved in this project, took part in the training.

Participants were provided with an overview of the main aspects of evidence-based practice, including forming a focused clinical question, tools and strategies to search for evidence, ways of evaluating the evidence found, its implementation into practice, and evaluation of the results. International expert in information management and evidence-based practice taught the course.



October 25-27 Basic Training on Searching for Medical Information on the Internet, Tashkent

This training course was conducted for 17 medical and non-medical care providers from the new Regional Central Asian Training Center on HIV/AIDS Care, Treatment, and Support for PLWHIV in Tashkent.

The training focused on basics of searching for medical information online, including various evidence-based resources for finding information about HIV-infection and related problems. Different searching tools and strategies, as well as exercises to improve practical skills in Internet usage were provided to participants. The course was taught by an international expert in information management and evidence-based practice.



November 10-25

National Trainings on Advanced ART and Management of Opportunistic Infections in Adult and Children, Central Asian Region

AIHA facilitated a series of national trainings on advanced ART and management of opportunistic infections in adult and children. Conducted through the “Development of the Regional Training Center (RTC) on Care and Treatment of HIV/AIDS for Central Asia” Project with support from the Central Asian AIDS Control Project and World Bank, the following trainings resulted in 85 physicians from four Central Asian countries being trained in advanced HIV treatment and care:

- November 10-12, Andijan, Uzbekistan – “Advanced ART and Management of Opportunistic Infections in Children”
- November 17-19, Bishkek, Kyrgyzstan – “Advanced ART and Management of Opportunistic Infections in Adults”
- November 22-24, Almaty, Kazakhstan – “Advanced ART and Management of Opportunistic Infections in Adults”
- November 23-25, Dushanbe, Tajikistan – “Advanced ART and Management of Opportunistic Infections in Adults”

November 30 – December 3

Art Therapy Training, Tashkent

A five-day training on art therapy was conducted for 19 medical psychologists and psychotherapists from Kazakhstan, Kyrgyzstan, Tajikistan, and Uzbekistan who manage adults and children with HIV-infection. Participants are potential specialists for the provision of art therapy to HIV-positive patients at the local level. The training agenda included methodologies of art therapy, psycho-physiological and clinical approaches in art therapy, psycho-therapeutic factors and effects of art therapy, and organizational principles of art therapy for HIV-positive patients as well as practical exercises. Leading faculty in art therapy from St. Petersburg taught the course.



November

Development and Distribution of the Manual on HIV-infection in Central Asian countries

Through the “Development of the Regional Training Center (RTC) on Care and Treatment of HIV/AIDS for Central Asia” Project, a manual for a new elective course titled “HIV-Infection: A Clinical Overview of HIV Disease and Related Diagnosis, Treatment, and Prevention,” which was developed by the Sechenov Moscow Medical Academy with support from AIHA/Strategic Partnership Initiative Project, was adapted and translated into national languages in three Central Asian countries: Kazakhstan, Kyrgyzstan and Uzbekistan. In Uzbekistan, the manual was approved by the Ministry of Health, published, and distributed for use by medical students and general practitioners throughout the country.

