

# Knowledge Hub Newswire

The Regional Knowledge Hub for the Care and Treatment of HIV/AIDS in Eurasia  
A project of the American International Health Alliance  
9 Dorogozhytskaya Street, Kiev 04112, Ukraine  
+380 (44) 205 4907, +380 (44) 205 4906 fax

www.AIDSKnowledgeHub.org



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### Snapshot

*These statistics reflect the Regional Knowledge Hub's activities from its inception in March 2004 through August 2007*

- Knowledge Hub courses held: **134**
- Healthcare professionals trained: **3272**
  - Russia: **1612**
  - Ukraine: **1349**
  - Belarus: **108**
  - Uzbekistan: **41**
  - Moldova: **38**
  - Azerbaijan: **29**
  - Estonia: **29**
  - Kazakhstan: **29**
  - Kyrgyzstan: **19**
  - Tajikistan: **18**

Ukrainian physicians who have earned nationally recognized advanced professional certification in adult/adolescent or pediatric AIDS treatment through the Knowledge Hub: **137**

### Knowledge Hub Calendar

*The following trainings are scheduled to take place at the Knowledge Hub or affiliated centers  
September - November 2007*

## UKRAINE

**September 17–21 and September 24–28, 2007**

**Initiation of Antiretroviral Therapy (ART) in Adults for Rayon Infection Disease Doctors, Kyiv**

It is expected that nearly 120 doctors specialized in infection diseases from different oblasts of Ukraine will attend this training. During the course they will learn basics of ART: indications, dosages, interactions with other drugs, management, adherence issues. They will also learn diagnostics and treatment of major opportunistic infections and approaches to treatment of HIV-infected injecting drug users. Special sessions will be dedicated to counseling issues. Training will be conducted within Round 1 Global Fund program in Ukraine.

**September 24 – October 5, 2007**

**On-site mentoring of Pediatric ART, Kirovohrad, Poltava, Lviv, Zhytomyr**

Caregivers of pediatric ART multidisciplinary teams (doctors, nurses and social workers) will have clinical practice on the issues of ART management in children. Teams who completed “Initiation of Pediatric ART” courses in summer will participate in this training. They will examine children who are on ART or who are going to start ART as well as will discuss clinical cases which each of the team is requested to prepare. The on-site mentoring will be funded by UNICEF Ukraine.

**October 8–12, 2007**

**Advanced ART in Adults, Dnipropetrovsk**

This will be the last training of the series of ART courses for multidisciplinary teams of Dnipropetrovsk AIDS Centers. It is expected that improved knowledge on management of ART, its side effects, interactions with other therapies, treatment of major opportunistic infections – will enable doctors, nurses and social workers to provide high-quality professional assistance to HIV-infected patients who need ART. Training will be conducted within Clinton Foundation – AIHA partnership.

**November 12–16, 2007**

**Initiation of ART in Adults, Kyiv**

10 multidisciplinary teams (infection disease doctor, nurse and social worker) will participate in this introductory course. They will get basic knowledge in mechanisms of ARV drugs, development of resistance, major side effect. Special sessions will be dedicated to development of adherence, management of patient on ART, opportunistic infections in HIV-positive people. Training will be conducted within Round 1 Global Fund program in Ukraine.

**November 26–30, 2007**

**Initiation of Pediatric ART, Kyiv**

The course will be conducted for 10 multidisciplinary teams who provide care for children with HIV confirmed positive status and who need to have ART. The course includes theory and practice of ART management, dosages, side effects, monitoring of ART, treatment of most common other diseases in small patients etc. Training will be conducted within Round 1 Global Fund program in Ukraine.

**BELARUS**

**October 16–19, 2007**

**Prevention of Mother-to-Child Transmission of HIV (PMTCT) Course, Odessa**

15 health care givers from Belarus will participate in the training course provided by South Ukrainian AIDS Educations center at Odesa Oblast Clilnical Hospital. The training will be conducted by leading Ukraining experts in PMTCT who will make presentations and facilitate clinical session discussions. The purpose of PMTCT course is to provide caregivers with knowledge and skills to asisst them to achive decrease transmission of HIV from mother to child by comprehensive PMTCT activities. Main course topics include: correct counseling, prenatal care for women with HIV, timely prescription of ARV prophylaxis to women and newborn, safe delivery practices, development of adherence in pregnant women, follow up care for women and babies, infant feeding counseling, etc. This course will be funded by WHO.

**KYRGYZSTAN**

**September 9–13, 2007**

**Adherence to ART Course, Bishkek**

This new 5-day course, developed by Regional Knowledge Hub is dedicated to adherence issues. Being one of the the main recipe to success of ART, adherence is considered as very important topic on workforce development for effective ART management. During the course the trainees will learn counseling techniques and methods of increasing and maintaining adherence among different groups of

patients: children, pregnant women, injecting drug users, patients with TB/HIV co-infection. This course will be funded by WHO.

## **MOLDOVA**

***October 29 – November 2, 2007***

### **Adherence to ART Course, Chisinau**

At this training the participants will discuss issues related to development of adherence to ART in HIV-positive patients. The course will include both lectures and interactive sessions, aimed to give knowledge and skills to doctors, nurses and social workers who will work in multidisciplinary teams. The course is funded by Global Fund grant to Moldova.

## **UZBEKISTAN and KAZAKHSTAN**

***October 8–12, 2007***

### **Initiation of Adult ART with Training of Trainers Component Course, Kyiv**

This training will be conducted for a group of caregivers from Uzbekistan and Kazakhstan. The group will include MDs and professors from Medical Universities and Academies of Post-Graduate Education. The trainees will learn effective methods for teaching health care providers who need training in ART. Apart from lectures, they will also have chance to examine real patients and to discuss proper treatment for them. Several sessions on adult learning methods will be conducted. The training will be funded by Global Fund programs for Kazakhstan, Uzbekistan and Central Asia AIDS Project (CAAP).

## **RUSSIA**

***September 4–7, 2007***

### **Initiation of ART for Adults, St.Petersburg**

As part of AIHA's workplan to support scale-up of ARV services in the city of St.Petersburg, and following the training of chief infectionists from 10 districts of St.Petersburg in February, AIHA will conduct a training for 19 infectious disease (ID) specialists from St.Petersburg district polyclinics, utilizing the course on Initiation of ART in adults originally developed by AIHA and piloted through the St.Petersburg AIDS Training and Education Center. This four-day course will be held at the AIDS Center with faculty from the St Petersburg Medical Academy of Postgraduate Studies, AIDS Center and tuberculosis (TB) hospital.

***October 1–5, 2007***

### **Advanced ART Course, Saratov**

One Russian and one international faculty will conduct the course aimed at strengthening capacity of Saratov Oblast infectionists to provide ARV treatment and care. Care teams from four Saratov Oblast rayon infection departments and hospitals will participate in the five-day clinical training.

***October 16–18, 2007***

### **Initiation of ART for Adults, Orenburg**

As part of AIHA's workplan to support scale-up of ARV services in Orenburg Oblast (expanding to the cities of Orsk, Novotroitsk and Gai), and following the training of 19 Russian participants from Orenburg, Gai, Novotroitsk and Orsk as part of ATEC opening in March 2007, AIHA will conduct this certified ART training for additional ID specialists from Orenburg oblast. This five-day course will be held at the HIV/AIDS Education and Resource Center at Orenburg Medical Academy.

***October 2007 (dates TBD)***

### **Two Primary Care and Tolerance Building Workshop, St. Petersburg, Training Care and Support (TCS) program, St.Petersburg**

These two 3-day workshops for district-based primary care providers is to be conducted for 20 social workers from Frunzensky and Nevsky district polyclinics of St.Petersburg. Topics include epidemiological

and clinical information on HIV, client communication skills, attitudes toward PLWHA, stigma and discrimination issues.

***October/November (dates TBD)***

**PMTCT training workshop, Orenburg**

Four PMTCT trainings to be provided to Orenburg oblast PMTCT providers by instructors from Orenburg AIDS Center and Orenburg Medical Academy. Training will be focused on nursing care and social support services.

***November (dates TBD)***

**Case management training, Orenburg**

The training will be provided to 30 participants. US and local faculty will co-teach the course. It is expected that the trainees will learn about theory and practice of case management which is a common approach in many countries to provide comprehensive individual care to people living with HIV/AIDS.

***Knowledge Hub in Review***

***These events were hosted by the Knowledge Hub or affiliated centers from June to August 2007***

**TRAININGS:**

**UKRAINE**

***June 4–8, 2007 – Kyiv***

**Advanced ART for Adults in Correctional Settings**



With this advanced training, healthcare workers from Ukraine's penitentiary system completed their full educational coursework on ART. It is expected that improved knowledge on management of ART, its side effects, interactions with other therapies, treatment of major opportunistic infections – will enable caregivers from penitentiary system to provide professional assistance to HIV-infected inmates who need ART. Training was conducted within Round 1 Global Fund program in Ukraine.

***June 11–15, 2007 – Kyiv***

**ART for Injecting Drug Users (IDUs) undergoing Substitution Therapy (ST)**

The multidisciplinary teams consisting of infection disease doctor, narcologist and two social workers (from AIDS Center and from narcological dispensary) from Kherson, Vinnytsia and Poltava participated in this training. The goal was to teach them the peculiarities of combined therapies: antiretroviral, drug substitution therapy and anti-tuberculosis. The trainees learned how to work together in order to provide full-scale care and support for injecting drug users who are HIV-infected. The course was conducted within Round 1 Global Fund program in Ukraine.



***June 18–27, 2007 – Dnipropetrovsk Oblast***

**On-site mentoring on ART for Adults**

During this mentoring visit, Knowledge Hub and Clinton Foundation trainers conducted clinical sessions for caregivers from Dnipropetrovsk region. The purpose was to examine patients, who were going to start ART, or who were already on ART and either had developed side effects or other complications related to ART. The mentoring sites included Dnipropetrovsk, Kriviy Rih, Ternivka and Nikopol. One

international expert on HIV medicine and national HIV physician were the faculty at this on-site mentoring. Mentoring was conducted within framework of Knowledge Hub cooperation with Clinton Foundation.

***July 9–13 and August 27–31, 2007 – Odessa***  
**Initiation of Pediatric ART**

Sponsored by UNICEF/Ukraine, these courses provided an opportunity for Ukrainian doctors, nurses, and social workers to improve their clinical skills related to ART for children living with HIV/AIDS. A strong emphasis was placed on general principles of pediatric ART, child assessments and counseling before drug administration, criteria for starting ART according to WHO and national protocols, drug regimens and dosages, follow-up services for children receiving ART, and post-exposure prophylaxis, among many other critical topics. Three Moldova multidisciplinary pediatric care teams joined Ukrainian caregivers for the training course in August. Their participation was funded by UNICEF/Moldova.

**ESTONIA**

***Case Management System Development training***  
**June 20–22, 2007 - Tallinn**

The Knowledge Hub international expert on HIV/AIDS case management conducted training on case management development for Estonian caregivers. The training was supported by funding from Global Fund program in Estonia.

**MOLDOVA**

***June 18–22, 2007 – Kyiv***  
**Initiation of ART in Adults**

It was a second time that caregivers from Moldova participated in AIDS Knowledge Hub trainings organized in Lavra Clinic. Supported by WHO Moldova Office this course aims to increase trainees' knowledge on antiviral drugs, indications of ART for naive patients, various aspects of its management as well as treatment of major opportunistic infections (OIs). Special attention was paid to developing participants' counseling skills and their ability to work in teams.



**KYRGYZSTAN**

***July 2 – 6, 2007 – Kyiv***  
**Initiation of ART in Adults**



Doctors, nurses and social workers from Kyrgyzstan participated in this course to learn about ART and treatment of opportunistic infections management. International expert on HIV medicine and experts from Lavra AIDS Clinic conducted 5-day course, which included both didactical and clinical practice sessions. The training was funded by WHO.

## RUSSIA

**June 18–22, 2007**

### **Initiation of ART for Adults in Altay region, Kemerovo oblast, BRATISLAVA and Global Fund program**



course certified by St. Petersburg MAPS.

In a follow up to the training of trainers held on November 7-14, 2006 in St Petersburg for twelve Global Fund (GFATM)/ Russian Health Care Foundation (RHCF) regions, AIHA and the St Petersburg Medical Academy of Postgraduate Studies implemented local training on Initiation of ART for adults for 32 local specialists in Kemerovo oblast. Two AIDS Training and Education Center (ATEC) faculty (St Petersburg Medical Academy of Postgraduate Studies (MAPS) and faculty from the MAPS in Kemerovo region co-taught the training

**June 25–29, 2007**

### **Initiation of ART for Adults in Altay region, Barnaul, BRATISLAVA and Global Fund program**

In a follow up to the training of trainers held on November 7-14 in St Petersburg for twelve GFATM/RHCF regions, AIHA and the St Petersburg Medical Academy of Postgraduate Studies implemented local training on Initiation of ART for adults for 18 local specialists in the Altay region. Two ATEC faculty (St Petersburg MAPS) and faculty from the MAPS in the Altay co-taught the training course certified by St. Petersburg MAPS.



**June 25–29, 2007**

### **TB/HIV Clinical Course, Orenburg, Training Care and Support (TCS) program**

Following the pilot training conducted in St. Petersburg in September 2006 AIHA conducted training in Orenburg (based at Orenburg Oblast TB Dispensary, TB/HIV unit) to cover clinical aspects of managing co-infected patients by HIV and TB doctors. Participants included HIV and TB doctors from Orenburg and replication sites (Orsk, Novotroitsk, Gai), total of 22, responsible for direct management of HIV patients co-infected with TB. Three US partners from Elmhurst participated as faculty and followed-up with participants with patient consultations and case discussions.

For more information on this section please visit

[www.aidsknowledgehub.org](http://www.aidsknowledgehub.org) > What the Knowledge Hub does > Trainings, or follow the link: [www.aidsknowledgehub.org/view/trainings/all/](http://www.aidsknowledgehub.org/view/trainings/all/) .

## **HIV/AIDS Resources**

Primary funding for EAKN is provided by the  
U.S. Agency for International Development (USAID)



### **Useful links to HIV/AIDS-related information and evidence-based research**

*The EurasiaHealth AIDS Knowledge Network (EAKN) is a special initiative to identify key resources related to the care and treatment of HIV/AIDS and adapt and translate them for use by health professionals in the former Soviet Union and Eastern Europe. The EAKN Library consists of a core set of textbooks and guidelines that have been developed by the world's leading experts on HIV/AIDS. As these materials are updated in English, EAKN updates the Russian-language versions maintained on its*

Web site. In addition to the core set of key documents, the EAKN Library includes a variety of HIV/AIDS information resources, including patient education materials, articles, and abstracts.

Among the most recently added or updated documents are:

- Four chapters from the *Clinical Aspects of HIV Infection, 2007* by J Bartlett, G. Gallant are available online. This book focuses on care and treatment of HIV-infected and is recommended to physicians and other healthcare workers.

<http://www.eurasiahealth.org/eng/health/resources/82168>

New chapters include:

- ✓ Chapter 1. Natural History and Classification
  - ✓ Chapter 2. Laboratory Tests
  - ✓ Chapter 3. Disease Prevention
  - ✓ Chapter 5. Drug Information
- All forty-eight chapters from the *Textbook of Pediatric HIV Care*, by S. Zeichner and J. Read are now available online. This comprehensive textbook provides the definitive account of effective care for pediatric HIV patients.

<http://www.eurasiahealth.org/eng/health/resources/85908/>

New chapters include:

- ✓ Chapter 24. HIV postexposure prophylaxis for pediatric patients
  - ✓ Chapter 25. Cutaneous diseases
  - ✓ Chapter 30. Cardiac problems
  - ✓ Chapter 43. Clinical trials for HIV-infected children
  - ✓ Chapter 47. Psychosocial factors associated with childhood bereavement and grief
  - ✓ Chapter 48. Legal issues for HIV-infected children
  - ✓ Appendix 1. Formulary: antiretroviral agents
  - ✓ Appendix 2. Formulary: drugs for opportunistic infections associated with HIV
  - ✓ Appendix 3. NIH-sponsored clinical trials for pediatric HIV disease
  - ✓ Appendix 4. Selected HIV-related internet resources
- Twelve article reviews, prepared by the Internet project MedMir.com, which is aimed to provide Russian speaking medical professionals with timely, comprehensive and relevant clinical information in the form of the Russian language summaries of clinical study reports published in the top world medical journals
- ✓ Review: Phase 2 Study of the Safety and Efficacy of Vicriviroc, a CCR5 Inhibitor, in HIV-1 Infected, Treatment-Experienced Patients: AIDS Clinical Trials Group 5211  
<http://www.eurasiahealth.org/eng/aids/health/resources/99453>
  - ✓ Review: Decay of the HIV Reservoir in Patients Receiving Antiretroviral Therapy for Extended Periods: Implications for Eradication of Virus  
<http://www.eurasiahealth.org/eng/aids/health/resources/99452>
  - ✓ Review: Influenzavirus Infection Is a Primary Cause of Febrile Respiratory Illness in HIV-Infected Adults, Despite Vaccination <http://www.eurasiahealth.org/eng/aids/health/resources/99451>
  - ✓ Review: Late Postnatal Transmission of HIV-1 and Associated Factors  
<http://www.eurasiahealth.org/eng/aids/health/resources/99450>
  - ✓ Review: Slower CD4 Cell Decline Following Cessation of a 3 Month Course of HAART in Primary HIV Infection: Findings From an Observational Cohort  
<http://www.eurasiahealth.org/eng/aids/health/resources/99449>

- ✓ Review: Prognosis of HIV-1-infected Patients Up to 5 years After Initiation of HAART: Collaborative Analysis of Prospective Studies  
<http://www.eurasiahealth.org/eng/aids/health/resources/99448>
- ✓ Review: Limitations of rapid HIV-1 tests during screening for trials in Uganda diagnostic test accuracy study <http://www.eurasiahealth.org/eng/aids/health/resources/99476>
- ✓ Review: Increased Rates of Preterm Delivery Are Associated with the Initiation of Highly Active Antiretroviral Therapy during Pregnancy: A Single-Center Cohort Study  
<http://www.eurasiahealth.org/eng/aids/health/resources/99475>
- ✓ Review: Trends in Opportunistic Infections in the Pre- and Post-Highly Active Antiretroviral Therapy Eras Among HIV-Infected Children in the Perinatal AIDS Collaborative Transmission Study, 1986–2004 <http://www.eurasiahealth.org/eng/aids/health/resources/99474>
- ✓ Review: Efficacy and safety of TMC125 (etravirine) in treatment-experienced HIV-1-infected patients in DUET-1, 2: 24-week results from randomized, double-blind, placebo-controlled trials  
<http://www.eurasiahealth.org/eng/aids/health/resources/99473>
- ✓ Review: Incidence of cancers in people with HIV/AIDS compared with immunosuppressed transplant recipients: a meta-analysis  
<http://www.eurasiahealth.org/eng/aids/health/resources/99472>
- ✓ Review: Efficacy and safety of darunavir-ritonavir compared with that of lopinavir-ritonavir at 48 weeks in treatment-experienced, HIV-infected patients in TITAN: a randomized controlled phase III trial <http://www.eurasiahealth.org/eng/aids/health/resources/99471>

The EAKN Library is continuing to translate various publications, reviews of the latest articles from the leading peer-reviewed magazines, and recent abstracts from medical conferences.