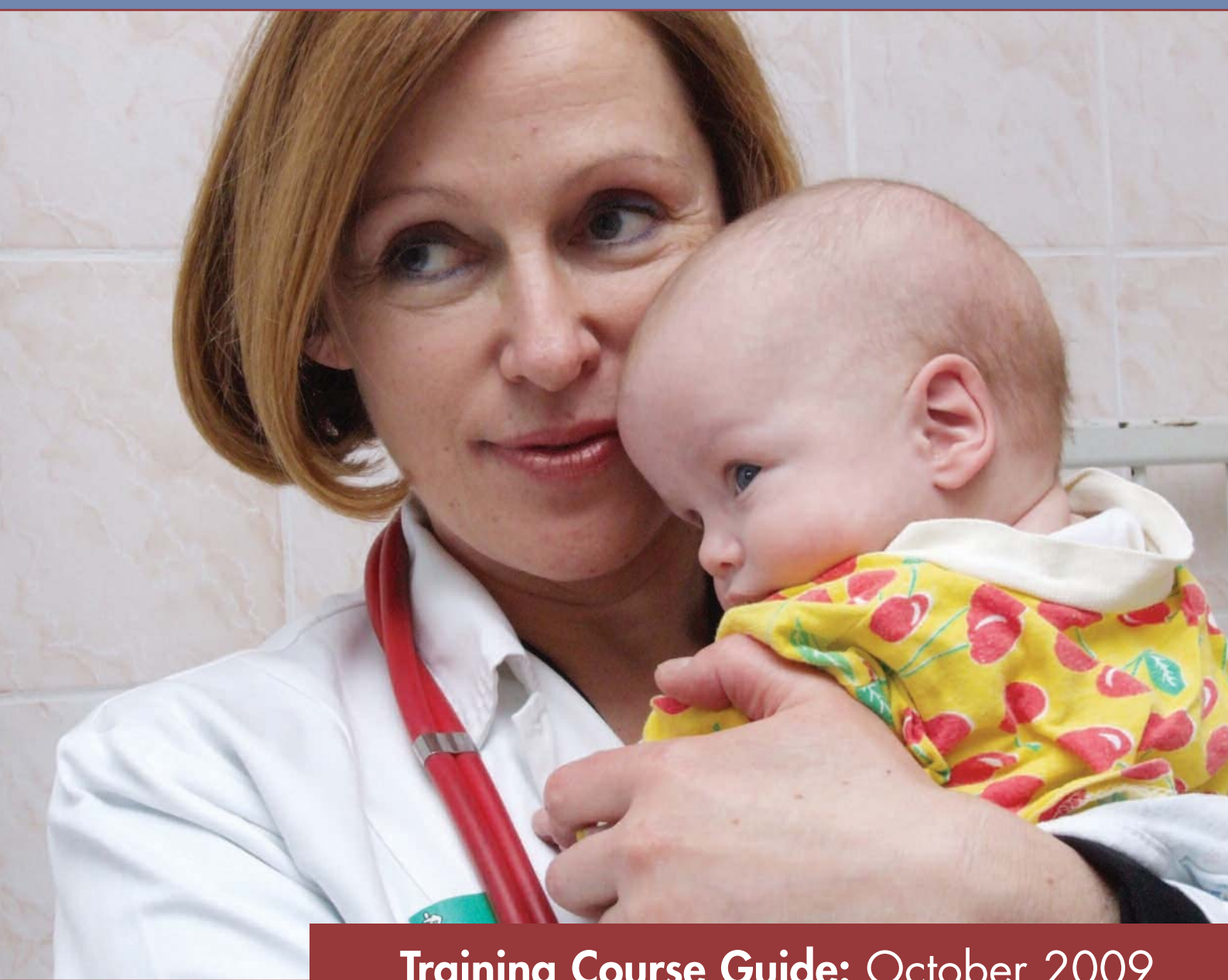


BUILDING CAPACITY TO CARE

Regional Knowledge Hub for the Care and
Treatment of HIV/AIDS in Eurasia



Training Course Guide: October 2009

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The Regional Knowledge Hub for the Care and Treatment of HIV/AIDS in Eurasia

“Providing Training and Technical Assistance to Develop Sustainable National Mechanisms for Building HIV/AIDS Capacity”

The Regional Knowledge Hub for the Care and Treatment of HIV/AIDS in Eurasia was established in 2004 by the American International Health Alliance (AIHA) to assist countries in Eastern Europe and Central Asia to provide comprehensive, high quality HIV/AIDS prevention, treatment, and support services. AIHA’s regional offices in Moscow currently oversee and administer the Knowledge Hub’s programs and activities, which are helping to build human resource capacity critical to the effective design and delivery of healthcare and related support services to people living with HIV or AIDS.

The Knowledge Hub is supported by the World Health Organization (WHO); the Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH (German Technical Cooperation), German BACKUP Initiative; the Global Fund to Fight AIDS, Tuberculosis and Malaria and Global Fund national principal recipients; and other international donor organizations.

Capacity Building through Collaboration

Working with key national, regional, and international stakeholders, the Knowledge Hub and its affiliated clinical centers are actively strengthening the ability of countries in Eastern Europe and Central Asia to provide comprehensive, high quality care and treatment to people living with HIV/AIDS by:

- Developing expertise among health and allied professionals through training opportunities;
- Providing direct technical assistance as needed;
- Linking people and institutions involved in the provision of HIV/AIDS prevention, care, treatment, and support; and
- Adapting, developing, and disseminating the latest evidence-based guidance for HIV/AIDS care specialists based on national and international standards.

The Knowledge Hub’s first priority has been to respond to the urgent need for countries in the region to rapidly develop the capacity of their healthcare providers to initiate antiretroviral therapy using medications provided through the Global Fund and other donors while at the same time scaling up related care and treatment programs in high incidence communities.

Working closely with policymakers in target countries, Knowledge Hub experts design and execute training programs in keeping with national strategies and international best practices that are supportable by both national and international funds. Since 2004, the Knowledge Hub has directly trained more than 5,000 care providers from 10 countries spanning Eastern Europe and Central Asia. These practitioners are currently responsible for providing ART to in excess of 50,000 individuals who are living with HIV/AIDS, as well as providing medical and psycho-social care and support to countless others who are infected with or affected by HIV.

With this key priority in mind, the Knowledge Hub has supported the development of affiliated clinical training sites — centers of excellence at sub-regional and national levels that now serve as sustainable sources of training and continuing education for a wide range of current and future care providers. These sites include centers of clinical excellence in Ukraine (Kyiv and Odessa) and Russia (St. Petersburg).

In addition, the Knowledge Hub has helped to train several hundred faculty members associated with national postgraduate programs in Azerbaijan, Belarus, Kazakhstan, Moldova, Russia, Ukraine, and Uzbekistan. With support from the Central Asia AIDS Control Project and funding from the World Bank, the Knowledge Hub is currently assisting the Ministry of Health of Uzbekistan and National AIDS Centers throughout Central Asia to develop a regional clinical training center in Tashkent, Uzbekistan, along with facilitating related strengthening of national faculty in each of the countries in the region.

A key component of the Knowledge Hub's capacity strengthening role is the provision of technical assistance utilizing both regional and international clinical experts who possess a deep understanding of the HIV epidemic in Eastern Europe and Central Asia coupled with extensive experience in the provision and organization of appropriate care and treatment. The Knowledge Hub also supports related regional adaptation of clinical practice guidelines and care protocols, maintaining an extensive, comprehensive Web-based clearinghouse in both English and Russian languages to further support the use of current evidence-based materials and promote continuing education and quality improvement.

Currently, the Knowledge Hub offers more than 40 courses on a broad range of HIV-related care and treatment topics through its growing regional network of affiliated centers of clinical excellence and postgraduate education.

In Ukraine, courses have been conducted at various affiliated clinical sites through an agreement with the Ministry of Health, the National Medical Academy of Postgraduate Education, and the Ukrainian National AIDS Center since the Knowledge Hub was established in 2004. These clinical centers of excellence include:

- Lavra AIDS Clinic, Institute of Epidemiology and Infectious Diseases, Kyiv (adult care);
- Kyiv City AIDS Center, Clinical City Hospital No. 5, Kyiv (adult care);
- National Pediatric HIV Clinic, Ukrainian National Mother and Child Health Care Center, Kyiv (pediatric care); and
- Southern Ukraine AIDS Education Center, Odessa Oblast Clinical Hospital, Odessa (PMTCT and care and treatment for pregnant women).

Knowledge Hub courses are provided in the Russian Federation through an affiliation with the Baltic AIDS Training and Education Center (Baltic ATEC) in St. Petersburg. Established in 2008 by St. Petersburg City AIDS Center, Pavlov State Medical University, the Republican Infectious Disease Hospital at Ust-Izhora, and AIHA to assist Russia's national and regional efforts to scale up HIV/AIDS services, the Baltic ATEC builds upon the work of a similar training center established in St. Petersburg in 2006. The Baltic ATEC's capacity strengthening programs — which include curricula and faculty development — is supported through funding from the United States Agency for International Development (USAID), the World Health Organization (WHO), and other international donors and strategic partners. Participating clinical centers of excellence include:

- St. Petersburg AIDS Control Center (adult care);
- Botkin Infectious Disease Hospital (adult care); and
- Republican Infectious Disease Hospital at Ust-Izhora (pediatric care).

Beginning in 2010, an increasing number of Knowledge Hub courses will be provided regionally in Central Asia through affiliation with the Tashkent-based Regional Training Center on Treatment, Care and Support for Persons Living with HIV in Central Asia (RTC-CAR). RTC-CAR is being developed at a new clinical center associated with Uzbekistan's National AIDS Center with funding support from Uzbekistan's Ministry of Health and the Central Asia AIDS Control Project.

Sustainable Capacity Building to Strengthen Systems, Save Lives

The Knowledge Hub works closely with national authorities and leading centers for postgraduate education to develop curricula and implement training programs, so that physicians who pass a series of courses related to adult or pediatric HIV/AIDS treatment and care may qualify for national continuing education certification. Physicians attending qualifying courses in Kyiv, for example, may receive certification through Ukraine's National Medical Academy for Postgraduate Education. Those who attend qualifying courses in St. Petersburg may receive certification through Pavlov State Medical University. In the future, similar certification arrangements will be made available for individuals attending courses in Tashkent through the Tashkent Institute for Postgraduate Medical Education. These cooperative arrangements help ensure institutionalization of training capacity well into the future.

The Regional Knowledge Hub has adopted a comprehensive and sustainable approach to training healthcare and allied professionals in HIV/AIDS treatment and support. Curricula are constantly evolving based on the latest recommendations developed by WHO, national experts, and leading international agencies.

Because HIV/AIDS is a complex and relatively new disease, treatment changes rapidly as we learn more about it. With this in mind, courses offered by the Knowledge Hub are continually updated to reflect the latest best practices. They are designed to arm healthcare professionals with critical clinical skills and provide extended opportunities for learning. All training takes place in small groups to better facilitate an open dialogue between instructors and participants.

Knowledge Hub courses emphasize a multidisciplinary "care team" approach. Physicians, nurses, and social workers receive introductory training and mentoring in this collaborative method to build common understanding of HIV and the complementary roles each team member must play to help ensure patients have access to comprehensive, integrated care and treatment. To this end, Knowledge Hub courses also provide training for ob/gyns, psychologists, policymakers, lab technicians, clinic administrators, and clinicians who specialize in tuberculosis, substance abuse, and other fields, as well as case managers, social workers and volunteers working with HIV service organizations.

The Regional Knowledge Hub has also developed a quality control system for each training course. Pre- and post-course surveys and daily assessment tests, combined with onsite mentoring and evaluation of changes in clinical practice, are used to fine-tune curricula and help identify future training needs.

Accessing the Knowledge Hub

For additional information about the Knowledge Hub's training and technical assistance programs, please visit us online at www.AIDSKnowledgeHub.org or contact Dr. Inna Jurkevich (i.jurkevich@aiha.ru).

Course	Organ System Complications in Patients with HIV Infection <i>(New 3-day Course)</i>
Main Learning Objectives	<ul style="list-style-type: none"> • Learn about the main opportunistic diseases and organ system complications of HIV infection • Study lung complications associated with HIV infection, clinical significance of various diagnostic methods when the respiratory system is affected, and principles of differential diagnosis and treatment for respiratory diseases • Study the spectrum and incidence of gastrointestinal complications of HIV infection, related clinical courses, diagnostic principles, differential diagnosis, and treatment • Study main infectious and non-infectious complications of the central nervous system in HIV-infected patients, diagnostic methods, differential diagnosis, clinical courses, and treatment • Learn about the risk of cardiovascular diseases in cases of HIV infection, CVD evaluation and prognosis for developing CVD, and how to manage HIV-infected patients at risk for CVD • Study kidney pathology in cases of HIV infection, the development of HIV-associated nephropathies, nephrotoxicity of ARV medications, and methods of correcting kidney disorders • Study main skin and mucous membrane complications associated with HIV infection, diagnostic methods and differential diagnosis, clinical courses, and treatment • Study risk factors and epidemiological aspects of lymphoproliferative diseases in cases of HIV infection, classification and types of lymphomas, diagnostics, and the clinical course and treatment of lymphoproliferative diseases in HIV-infected patients • Learn about diagnostics, clinical courses, and treatment principles for the most common mental disorders in HIV-infected patients • Learn to apply the knowledge gained in practical settings
Key Topics	The spectrum and incidence of opportunistic diseases in HIV-infected patients; respiratory complications; gastrointestinal complications; central nervous system complications; cardiovascular complications; kidney complications; skin and mucous membrane complications; HIV and lymphoproliferative diseases; mental disorders
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • WHO clinical protocol: Management of Opportunistic Infections and General Symptoms of HIV/AIDS (2006) • Relevant national protocols and policies • Medical Management of HIV Infection, J. Bartlett, J. Gallant, 2007 • Clinical Care Options (www.clinicaloptions.com) • Set of slides and handouts; lectures and clinical case studies prepared by Russian and international experts <p style="text-align: center;"><i>All materials available printed or electronically</i></p>
Teaching Methods	Lectures, small group instruction, clinical case studies, and bedside training
Target Audience	Physicians specializing in infectious diseases and specialists in related disciplines who provide treatment to patients living with HIV or AIDS Maximum class size: 18-24 participants
Faculty	National and international instructors with expertise in treating HIV infection
Duration	Three-day course, including theoretical and practical sessions

Course	Initiation of Antiretroviral Therapy (ART) for Adults
Main Learning Objectives	<ul style="list-style-type: none"> • Understand the three major parameters to define prognosis and priorities for ART • Learn the goals of ART • Understand the classes of antiretroviral (ARV) medications, standard recommendations for ARV use, including the critical role of adherence • Strengthen basic skills of counselling patients with HIV • Know the side effects and toxicities of ART • Explain the issues and rationale for standardized ARV regimens in line with national and WHO protocols • Understand factors that influence adherence • Apply acquired knowledge in practical settings
Key Topics	Basics of HIV infection; main ARV drugs; treatment planning; access to ART and adherence; patient counseling; factors affecting adherence and strategies to improve adherence; indications for ART according to WHO protocols for European Region (2006); main regimen; special considerations, referrals and needed care; post-exposure prophylaxis; case studies and clinical sessions
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • WHO HIV/AIDS Treatment and Care Protocols for European Region (2006) • Relevant national protocols and policies • 2007 Medical Management of HIV Infection, John Bartlett, Joel Gallant • HIV Medicine 2005, Hoffmann-Rockstroh-Kamps • Comprehensive set of course slides and handouts <p><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentation, small group discussion, role play, case study, bedside training
Target Audience	ART care teams (infectious disease physician, nurse, social worker/ART aid) Maximum class size: 18-24 participants
Faculty	Multidisciplinary, international and national
Duration	5-day didactical/clinical course at training facility affiliated with the site of clinical excellence

Course	Adult Antiretroviral Therapy (ART) Onsite Mentoring
Main Learning Objectives	<ul style="list-style-type: none"> • Provide basic evaluation of patient, selection for ART, and preparation for treatment according to relevant national and WHO protocols • Apply knowledge about ART management to practical situations • Demonstrate understanding of issues and rationale for standardized ARV regimens in line with relevant national and WHO protocols • Hone skills necessary to provide effective counseling • Demonstrate knowledge about adherence monitoring • Practice the management and treatment of HIV-related conditions • Use multidisciplinary approach and provide needed referrals
Key Topics	Mentoring includes the initial review of patients selected for ART according to criteria for starting ART; preparation for treatment; patient counseling; basic evaluation of patients; selection of the ART regimen; monitoring of treatment; support for treatment; review of common side effects necessitating regimen change; how to best maintain adherence and psychosocial counseling; during the visit, mentors facilitate working group meetings of the teams to discuss lessons learned; mentors evaluate practical skills development and demonstrate problem-solving skills
Basis of Curriculum, Key Teaching Documents, and Materials Provided	Faculty and trainees use training materials provided during didactical/clinical training course
Teaching Methods	Small group discussion, case study, patient examination and counseling, bedside training
Target Audience	ART care teams (infectious disease physician, nurse, social worker/ART aid), participated in the didactical/clinical ART training course
Faculty	Multidisciplinary, international and national
Duration	2-day mentoring course at each ART site

Course	<p align="center">Advanced Antiretroviral Therapy (ART) for Adults and Opportunistic Infections (OIs) Management</p> <p align="center"><i>(5-day Course)</i></p>
Main Learning Objectives	<ul style="list-style-type: none"> • Strengthen basic skills of counselling patients with HIV • Develop strategies to promote ART regimen adherence • Learn about the problems of stigmatization and discrimination and methods of reducing them • Learn how to prescribe and manage ART for IDUs • Learn about infectious diseases commonly affecting IDUs • Understand criteria for switching ART regimens and criteria of ART failure, as well as how to manage ART side effects and complications • Learn about the development of resistance to ARV drugs • Learn clinical practice and modern recommendations for the diagnosis and treatment of OIs • Learn to perform differential diagnosis of injuries to organs and systems in cases of HIV infection • Learn about the management and treatment of OIs occurring during ART • Learn the basic principles of palliative care • Learn to apply the knowledge in practical settings
Key Topics	<p>Focus on counseling and support during ART; special issues in adherence; intolerance to some drugs and making necessary adjustments in therapy; WHO protocols on management of OIs and other HIV-related illnesses (2006); specifics of ART for IDUs; referrals and needed care; case management; addressing stigma and discrimination issues</p>
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • WHO HIV/AIDS Treatment and Care Protocols for European Region (2006) • Relevant national protocols and policies • Comprehensive set of course slides and handouts <p align="center"><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	<p>Presentation, small group discussion, role play, case study, bedside training</p>
Target Audience	<p>ART care teams (infectious disease physician, nurse, social worker/ART aid), who participated in the Initiation of ART training course and on-site mentoring</p> <p>Maximum class size: 18-24 participants</p>
Faculty	<p>Multidisciplinary, international and national</p>
Duration	<p>5-day didactical/clinical course at training facility affiliated with the site of clinical excellence</p>

Course	Advanced Antiretroviral Therapy in Adults and Adolescents <i>(New 3-day Continuing Education Course)</i>
Main Learning Objectives	<ul style="list-style-type: none"> • Improve methods of ART delivery in adults and adolescents with HIV • Improve management strategies for patients with complications of ART • Relief/minimization of side effects and complications • Learn how to prescribe ART during acute-phase HIV infection • Learn about the development of resistance to ARV drugs • Learn about drug interactions • Learn criteria of ART failure and indications for switching to second line and salvage therapeutic regimens • Promote adherence to ART • Learn methods of monitoring the efficacy of HIV treatment • Work on problems of OI prevention in patients receiving ART
Key Topics	Management strategies for side effects and complications of ART; therapy failure; indications for changing the first line HAART regimen; second line and salvage therapeutic regimens; resistance to ARV drugs; testing methods; indications for resistance testing; drug interactions; causes of insufficient adherence to treatment and ways to enhance adherence; monitoring the effectiveness of HIV treatment; prevention of opportunistic infections; contemporary approaches to the treatment of HIV-infected patients, including multidisciplinary teams and coordinated case management
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • HIV/AIDS Treatment and Care Clinical Protocols for the WHO European Region (2006) • Relevant national protocols and policies • Medical Management of HIV Infection, J. Bartlett, J. Gallant, 2007 • Set of slides and handouts • Lectures and clinical case studies prepared by Russian and international experts <p style="text-align: center;"><i>All materials available printed or electronically</i></p>
Teaching Methods	Lectures, small group instruction, clinical case studies, and bedside training
Target Audience	Physicians specializing in infectious diseases and specialists in related disciplines who have received ART training and are treating patients with HIV Maximum class size: 18-24 participants
Faculty	National and international instructors with expertise in treating HIV infection
Duration	3-day course, including theoretical and practical sessions; training is conducted at healthcare facilities which specialize in treating HIV infection

Course	Introduction to HIV Care for Adults <i>(Course developed in collaboration with Clinton Foundation HIV/AIDS Initiative)</i>
Main Learning Objectives	<ul style="list-style-type: none"> • Describe HIV test options, HIV test specificity, and sensitivity • Explain the process of an initial comprehensive clinical review of newly diagnosed HIV-positive individuals, including emotional and social aspects • Explain the importance of identifying substance use among HIV-positive persons and use of screening tools • Provide overview of OIs and STIs • Indicate ways to create an optimal relationship with patients • Describe appropriate monitoring of an HIV-positive patient • Describe relevant aspects of the reproductive healthcare • Describe the essentials of healthy nutrition • Describe the most important aspects of palliative care and the role of HCP • Learn basic principles of ART • Strengthen basic skills for counselling patients with HIV • Know list of ARVs used, first-line regimens, and important drug interactions • Understand adherence factors • Apply acquired knowledge in practical settings
Key Topics	Basics of HIV infection; HIV tests options; overview of OIs and STIs; use of screening tools to identify substance use; main ARV drugs; patient counseling; factors affecting adherence and strategies to improve adherence; indications for ART according to WHO protocols; main regimens; special considerations, referrals and needed care; OIs prophylaxis and HIV prevention; essentials of nutrition; post exposure prophylaxis; burnout prevention; case studies and clinical sessions
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • WHO HIV/AIDS Treatment and Care Protocols for European Region (December, 2006) • Relevant national protocols and policies • 2007 Medical Management of HIV Infection, John Bartlett, Joel Gallant • HIV Medicine 2005, Hoffmann-Rockstroh-Kamps • Comprehensive set of course slides and handouts <p style="text-align: center;"><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentation, small group discussion, role play, case study, bedside training
Target Audience	Infectious disease physicians and nurses Maximum class size: 18-24 participants
Faculty	Multidisciplinary, international and national
Duration	5-day didactical course with clinical components

Course	Initiation of Antiretroviral Therapy (ART) for Adults in Correctional Settings
Main Learning Objectives	<ul style="list-style-type: none"> • Learn the basics of providing ART with special emphasis on the unique challenges and circumstances in correctional settings • Understand the three major parameters defining prognosis and priorities for ART (CD4 count, absolute lymphocyte count, and stage of disease) • Understand the goal of providing ART • Understand the classes of ARV drugs and standard recommendations for their use, including the critical role of adherence • Understand the side effects and toxicities of ART • Understand the issues and rationale for standardized ARV regimens in keeping with national and WHO protocols • Understand adherence factors with a particular emphasis on inmates from correctional settings • Understand how to apply this knowledge in practical settings and learn the necessary knowledge regarding existing local and international regulations, procedures, and documentation
Key Topics	HIV and AIDS in correctional settings; goals of ART; ARV drugs and their side effects; initiation of ART; management of ART; treatment of women of reproductive age or who are pregnant; providing ART to patients with active tuberculosis; basic principles of providing ART to drug users; opportunistic infections; ART and opportunistic infections; prevention of occupational exposure; post-exposure prophylaxis
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • Materials produced by the HIV Center of Excellence of the Albany Medical College's Division of HIV Medicine (Upstate Local Performance Site and Regional Resource for Corrections, New York/New Jersey AIDS Education & Training Center) • WHO HIV/AIDS Treatment and Care Protocols for European Region (2006) • Relevant national protocols and policies • 2007 Medical Management of HIV Infection, John Bartlett, Joel Gallant • HIV Medicine 2005, Hoffmann-Rockstroh-Kamps • Comprehensive set of course slides and handouts <p><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentation, small group discussion, role play, clinical case studies
Target Audience	Specialist teams (physician, nurse, social worker, psychologist, healthcare aide working in correctional settings) Maximum class size: 18-24 participants
Faculty	Multidisciplinary, international and national
Duration	5-day didactical/clinical course

Course	Adult Antiretroviral Therapy (ART) Onsite Mentoring in Correctional Settings
Main Learning Objectives	<ul style="list-style-type: none"> • Learn basic patient evaluation techniques, how to select appropriate ART regimen, and prepare for treatment in accordance with relevant national and WHO protocols • Demonstrate an understanding of issues and rationale for standardized ARV regimens in keeping with relevant national and WHO protocols • Provide effective counseling of inmates in correctional settings • Learn about adherence monitoring with special emphasis on prison inmates • Practice the management and treatment of HIV-related conditions • Apply knowledge about ART management to practical situations • Use multidisciplinary approach and provide needed referrals to the civilian sector physicians after release
Key Topics	Mentoring includes the initial review of patients selected for ART according to initiation criteria; preparation for treatment; patient counseling in correctional settings; basic evaluation of patients; selection of the ART regimen; monitoring of treatment; support for treatment; faculty and care teams also review side effects and regimen change, and maintaining adherence and psychosocial counseling in correctional settings; during clinical site visits, mentors facilitate working group meetings of care teams to discuss lessons learned, challenges, and limitations of providing ART in correctional settings; mentors evaluate practical skills development and demonstrate problem-solving skills
Basis of Curriculum, Key Teaching Documents, and Materials Provided	Faculty and trainees use the training materials provided during didactical/ clinical training course
Teaching Methods	Small group discussion, case study, patient examination and counseling, bedside training
Target Audience	Correctional facility physicians (general practitioners), nurses, and social workers or psychologist who already attended an "Initiation of ART" training course Maximum class size: 18-24 people
Faculty	Multidisciplinary, international and national
Duration	2-day mentoring at each correctional site

Course	Advanced Antiretroviral Therapy (ART) for Adults and Opportunistic Infections (OIs) Management in Correctional Settings
Main Learning Objectives	<ul style="list-style-type: none"> • Strengthen counselling skills for HIV patients in correctional settings • Develop strategies to promote ART adherence/DOT in correctional settings • Learn about the problems of stigmatization and discrimination and methods of reducing them, as well as how to educate and encourage positive interaction with law enforcement officers in correctional settings • Learn to prescribe and manage ART in inmates who are IDUs and/or have TB • Learn about infectious diseases in IDU prisoners who have TB • Understand criteria for switching ART regimens and for ART failure • Learn to manage the side effects and complications of ART in correctional settings • Learn about the development of resistance to ARV drugs • Learn clinical practice and modern recommendations for the diagnosis and treatment of OIs • Learn to perform differential diagnosis of injuries to organs and systems in cases of HIV infection • Learn about the management and treatment of OIs occurring during ART in correctional settings • Learn the basic principles of palliative care • Learn to apply the knowledge in practical settings
Key Topics	Focus on counseling and support during ART in correctional settings; special issues in adherence; intolerance to some drugs and making necessary adjustments in therapy; WHO protocols on management of OIs and other HIV-related illnesses (2006); specifics of ART for IDUs and patients with TB; referrals and needed care; case management; addressing stigma and discrimination and human rights issues in correctional settings
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • Relevant national protocols and policies • Comprehensive set of course slides and handouts <p style="text-align: center;"><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentation, small group discussion, role play, case study, bedside training
Target Audience	<p>Correctional facility physicians (general practitioners), nurses, and social workers or psychologist who already attended an “Initiation of ART” training course</p> <p>Maximum class size: 18-24 people</p>
Faculty	Multidisciplinary, international and national
Duration	5-day didactical/clinical training course at facility affiliated with the site of clinical excellence

Course	Initiation of Pediatric Antiretroviral Therapy (ART)
Main Learning Objectives	<ul style="list-style-type: none"> • Learn about the diagnosis of HIV infection in children • Learn about the goal of ART • Know criteria for starting ART in children • Learn ART management and follow-up for children • Understand the issues and rationale for standardized ARV regimens in line with national and WHO protocols • Learn about adherence monitoring • Learn about pediatric ART in specific environments (orphanages, IDU families, migrant families, etc.) • Know criteria for discontinuing ART • Know how to manage and treat HIV-related conditions in children • Understand how to apply this knowledge in practical settings
Key Topics	General principles of ART for children with HIV/AIDS; ART goals; child assessments and counseling caregivers before starting ART; criteria for starting ART according to WHO protocols for European Region (2006); drug regimens and dosages; follow-up for children receiving ART; post exposure prophylaxis
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • WHO HIV/AIDS Treatment and Care Protocols for European Region (2006) • Relevant national protocols and policies • 2007 Medical Management of HIV Infection, John Bartlett, Joel Gallant • Comprehensive set of course slides and handouts <p><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentation, small group discussion, role play, case study, bedside training
Target Audience	<p>Pediatric ART care teams (pediatrician, nurse, social worker/ART aid)</p> <p>Maximum class size: 18-24 participants</p>
Faculty	Multidisciplinary, international and national
Duration	5-day didactical/clinical course at training facility affiliated with the site of clinical excellence

Course	Pediatric Antiretroviral Therapy (ART) Onsite Mentoring
Main Learning Objectives	<ul style="list-style-type: none"> • Provide basic evaluation of patient, selection for ART, and preparation for treatment according to relevant national and WHO protocols • Apply knowledge about ART management to practical situations • Demonstrate understanding the issues and rationale for standardized ARV regimens in line with relevant national and WHO protocols • Demonstrate skills needed to provide effective counseling to patients and their families • Apply knowledge about adherence monitoring • Practice the management and treatment of HIV-related conditions • Use multidisciplinary approach and provide needed referrals
Key Topics	Mentoring includes the initial review of the selected patients for ART according to the criteria for starting ART; preparation for treatment; patient counseling; basic evaluation of patients; selection of the ART regimen; monitoring of the treatment; and support for the treatment; faculty and care teams also review the side effects and regimen change; maintaining adherence; and psycho-social counseling; during the visit mentors facilitate team working group meetings to discuss lessons learned, evaluate practical skills development, and demonstrate problem-solving skills
Basis of Curriculum, Key Teaching Documents, and Materials Provided	Faculty and trainees use the training materials provided during didactical/clinical training course
Teaching Methods	Small group discussion, case study, patient examination and counseling, bedside training
Target Audience	Pediatric ART care teams (infectious disease physician/pediatrician, nurse, social worker/ART aid), who participated in the didactical/clinical ART training course
Faculty	Multidisciplinary, international and national
Duration	2-day mentoring course at each ART site

Course	<p align="center">Advanced Pediatric Antiretroviral Therapy (ART) and Management of Opportunistic Infections (OIs)</p> <p align="center"><i>(5-day Course)</i></p>
Main Learning Objectives	<ul style="list-style-type: none"> • Consolidate basic skills on counseling • Develop methods to increase adherence to the ART regimen in children • Learn about the problem of stigmatization and discrimination of HIV-infected children and methods to diminish them • Learn criteria of ART failure and indications for switching ART regimen • Learn how to manage ART side effects and complications • Learn about the development of resistance to ARV drugs • Master the clinical features and contemporary recommendations for the diagnosis and treatment of OIs in children • Learn to make differential diagnosis of organ and system impairments associated with HIV infection • Learn the special features of the management and treatment of OIs occurring in children during ART • Learn the basic principles of palliative care for children • Learn legal regulations regarding children with HIV/AIDS • Learn methods of psychosocial support of children living with HIV/AIDS • Learn methods of psychological support of personnel working with HIV-infected children • Learn to use the knowledge gained in practical settings
Key Topics	<p>Focus on counseling and special issues in adherence in children; treatment failure; intolerance to some drugs; making necessary adjustments in therapy; prophylaxis of HIV resistance development; joint prescription of ARV drugs with other medications; clinical signs, diagnosis, and treatment of OIs and other HIV-related illnesses in children receiving ART; addressing stigma and discrimination issues in children; psychological support of children living with HIV, their families, and healthcare personnel</p>
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • Relevant national protocols and recommendations • Textbook of Pediatric HIV Care, S. Zeichner and J. Read • Comprehensive set of course slides and handouts <p align="center"><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	<p>Presentation, small group discussion, role play, case study, bedside training</p>
Target Audience	<p>ART care teams (infectious disease physician, nurse, social worker/ART aid), who participated in the Initiation of ART training course and onsite mentoring</p> <p>Maximum class size: 18-24 participants</p>
Faculty	<p>Multidisciplinary, international and national</p>
Duration	<p>5-day didactical/clinical course at training facility affiliated with the site of clinical excellence</p>

Course	<p align="center">Advanced Pediatric Antiretroviral Therapy (ART) and Management of Opportunistic Infections (OIs)</p> <p align="center"><i>(New 3-day Continuing Education Course)</i></p>
Main Learning Objectives	<ul style="list-style-type: none"> • Improve methods of ART delivery in HIV-infected children • Improve management strategies for children with complications of ART. Relief/minimization of side effects and complications • Learn about the development of resistance to ARV drugs and particular features of its assessment • Learn criteria of ART failure and indications for switching to second line and salvage therapeutic regimens • Study pediatric HIV nutrition issues • Promote ART adherence and improve counseling for children's caregivers • Study psychological support issues for HIV-infected children and their families • Learn to make the differential diagnosis of organ system complications associated with HIV infection • Learn the particular features of OI treatment and prevention in children receiving ART • Study pediatric HIV immunoprophylaxis issues • Learn to apply the knowledge gained in practical settings
Key Topics	<p>Pediatric antiretroviral therapy (ART); support for ART adherence; counseling for children's caregivers; pediatric HIV nutrition; psychological support for HIV-infected children and their families; malignant neoplasms; tuberculosis and HIV infection; respiratory diseases; liver and gastrointestinal diseases; central nervous system diseases; immunoprophylaxis in children with HIV</p>
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • WHO Protocol on Pediatric HIV and AIDS Treatment and Care • Relevant national protocols and policies • Textbook of Pediatric HIV Care (eds., S. Zeichner, J. Read), 2005. • Medical Management of HIV Infection, J. Bartlett, J. Gallant, 2007 • HIV Medicine, C. Hoffman, B.S. Camps, 2005. • Set of slides and handouts. Lectures and clinical case studies prepared by Russian and international experts. <p align="center"><i>All materials available printed or electronically</i></p>
Teaching Methods	<p>Lectures, small group instruction, clinical case studies, and bedside training</p>
Target Audience	<p>Pediatricians and specialists in related disciplines who have received pediatric ART training and have experience in treating HIV-infected children</p> <p>Recommended class size: 18-24 participants</p>
Faculty	<p>National and international instructors with expertise in treating pediatric HIV</p>
Duration	<p>3-day course, including theoretical and practical sessions; training is conducted at healthcare facilities which specialize in treating pediatric HIV</p>

Course	HIV/AIDS Palliative Care
Main Learning Objectives	<ul style="list-style-type: none"> • Define palliative care for HIV/AIDS patients and describe the changes that have occurred since the introduction of HAART • Evaluate and relieve pain in HIV/AIDS patients according to WHO protocols for pain relief and symptom management • Understand difficulties in treating pain in drug-addicted patients • Understand how palliative care for children with HIV/AIDS differs from care for adults • Learn the various options for management of pediatric patients based on WHO protocols and how to improve communication with sick children and their families • Understand the value of good communication between patients and those caring for them, particularly how to discuss end-of-life care issues • Know the elements of a good death from the perspectives of patients, their family or close friends, and healthcare workers • Know factors to be considered when diagnosing depression, anxiety, dementia, and delirium • Know the basic principles of preventing burnout syndrome in caregivers
Key Topics	<p>The purpose and principles of palliative care for people diagnosed with HIV/AIDS; pain evaluation and pain syndrome relief according to WHO protocols for European region (2006); caregiver counseling on rules for care; principles of basic HIV symptom management according to WHO protocols; use of complementary or alternative medicine; psychological issues in palliative care for adults and children; how to help patients die a good death; psychiatric issues in palliative care; working with volunteers; prevention of burnout syndrome</p>
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • WHO HIV/AIDS Treatment and Care Protocols for European Region (2006) • Relevant national protocols and policies • Palliative Care for People with HIV/AIDS (Center for Palliative Care Education at the University of Washington's Northwest AIDS Education and Training Center, Seattle, 2003) • Set of slides and handouts <p style="text-align: center;"><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentation, small group discussion, role play, clinical case study
Target Audience	<p>Specialist teams (physician, nurse, social worker, psychologist, healthcare aide)</p> <p>Maximum class size: 18-24 participants</p>
Faculty	Multidisciplinary team of instructors from abroad and from CIS countries
Duration	4-day didactical/clinical course

Course	HIV/AIDS Nursing
Main Learning Objectives	<ul style="list-style-type: none"> • Learn basic counseling skills for HIV patients • Master effective methods of communication with patients, their families, and healthcare workers • Study the fundamentals of nursing leadership • Learn methods to increase ART adherence • Learn about treating/preventing the side effects and complications of ART • Understand the symptoms of the most common OIs and learn the latest recommendations for their care and treatment • Master the basic principles of nutritional evaluation and care for patients with HIV/AIDS, as well as symptom-based nutritional management • Learn the basic principles of palliative care and methods of communication with patients and their families during the terminal stage of the disease • Develop basic pain evaluation skills • Learn how differentiating sadness and depression in the terminally ill • Master methods of preventing burnout syndrome
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<p>HIV/AIDS Training Package for Nurses</p> <p>For Students:</p> <ul style="list-style-type: none"> • Set of slides • Handouts with practical problems and additional information <p>For Instructors:</p> <ul style="list-style-type: none"> • Instructors' guide • Set of slides • Program and lesson plan for the course
Teaching Methods	Presentation and discussion; small group discussion; role play; clinical case studies and problems; interactive exercises and games
Target Audience	<p>Nurses from AIDS Centers and medical college Instructors</p> <p>Maximum class size: 25</p>
Faculty	Multidisciplinary team of instructors from the United States, Russia, and Ukraine
Duration	5-day training course

Course	Three-step HIV/AIDS Training Program for Nurses <i>(New Series of Three Consecutive 3-day Courses)</i>
Main Learning Objectives	<p><i>I. Basics of HIV Infection: Improving Tolerance toward PLWH</i></p> <ul style="list-style-type: none"> ● Refresh and improve knowledge of the HIV epidemic in the region ● Learn etiology and diagnostic principles of HIV infection and the main clinical presentations of HIV associated diseases ● Learn the basics of ART ● Learn the principles of pre- and post-test counseling ● Study problems of stigma, social ostracism, and discrimination against PLWH and ways to mitigate ● Become conscious of one's own fears, prejudices, and stigma against PLWH and learn to overcome ● Study risks and prevention methods for occupational infection with HIV <p><i>II. Adherence to Antiretroviral Therapy Regimens</i></p> <ul style="list-style-type: none"> ● Understand goals of ART, consequences of non-adherence, and development of drug resistance ● Learn methods of assessment and monitoring ART adherence ● Acquire counseling skills to help improve ART adherence ● Learn the particular features of ART and ways to enhance adherence in different groups of patients (children, pregnant women, IDUs) <p><i>III. HIV Palliative Care</i></p> <ul style="list-style-type: none"> ● Study general issues of providing palliative care to PLWH ● Learn how to provide palliative care to different categories of patients ● Learn to evaluate and relieve pain in patients with HIV/AIDS ● Learn how to provide end-of-life palliative care ● Train on the principles of preventing burnout syndrome in caregivers ● Learn to apply the knowledge gained in practical settings
Key Topics	<p><i>I. Basics of HIV Infection: Improving Tolerance toward PLWH</i> Epidemiology of HIV/AIDS (global/regional); HIV history, etiology, and diagnosis; fundamentals of ART and OI treatment; pre- and post-test counseling; drug dependency and HIV infection; stigma and discrimination; occupational health</p> <p><i>II. Adherence to Antiretroviral Therapy Regimens</i> Introduction to ART: the life cycle of HIV and the goals of ART; main groups of ARV medications; ART regimens; side-effects; evaluation of patient readiness; adherence counseling; ART for IDUs; improving adherence in pregnant women; nurse's role in enhancing patient treatment adherence; social support for ART adherence; team approach; role of family members</p> <p><i>III. HIV Palliative Care</i> Course materials are developed for objectives of specific target groups</p>
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> ● HIV/AIDS Treatment and Care Clinical Protocols for the WHO European Region (2006) ● Relevant national protocols and policies ● Set of slides and handouts <p style="text-align: center;"><i>All materials available printed or electronically</i></p>
Teaching Methods	Lectures, small group instruction, role plays, demonstrations, and discussions
Target Audience	Nurses working with HIV-infected patients Maximum class size: 18-24 participants
Faculty	Instructors are physicians specializing in infectious diseases, nurses, social workers, and palliative care specialists
Duration	The program consists of a series of three 3-day courses

Course	Management of HIV and TB Co-Infection <i>(5-day Course)</i>
Main Learning Objectives	<ul style="list-style-type: none"> • Understand current epidemiological situation of TB and HIV/AIDS in the world and in the country • Learn HIV/AIDS etiology, pathogenesis, classification/staging, diagnosis of HIV and AIDS, how HIV influences TB, ARVs, and ART guidelines (TB specialists) • Learn TB etiology, pathogenesis, classification, diagnostic criteria, current approaches to diagnosis/treatment, and how TB influences HIV (ID specialists) • Learn how to diagnose TB in HIV/AIDS patients • Learn how to diagnose latent TB and indications of chemoprophylaxis for TB in HIV-infected patients • Learn diagnostic criteria for pulmonary TB in HIV-infected patients, how to differentiate it from AIDS-associated diseases, and how to treat it • Learn clinical manifestations and how to use diagnostic criteria for differential diagnosis and treatment of extrapulmonary TB in HIV-infected patients depending on the organs involved • Learn basic counseling skills • Learn the impact of pre-and post-test counseling on HIV and TB detection • Learn about adherence monitoring • Learn current guidelines for providing ARV/anti-TB therapy in co-infected patients • Understand special considerations for treating HIV/TB co-infections in patients belonging to special groups (i.e. pregnant women, IDUs) • Learn about infection control in TB facilities, precautions in the management of HIV-infected patients, and post-exposure prophylaxis • Understand current guidelines for monitoring/reporting HIV/TB co-infections • Understand the importance of teamwork in the management of patients with HIV/TB co-infection • Understand how to put new knowledge into practice
Key Topics	<p>TB and HIV infection; TB as HIV-related disease; clinical symptoms of TB at each stage of HIV disease; TB detection; chemoprophylaxis for TB in HIV-positive patients; differentiating latent TB infection from active TB; differential diagnosis between pulmonary TB and other HIV-related pulmonary diseases; mixed infection; extra-pulmonary TB in HIV-positive patients; diagnosis, clinical features, treatment approaches; ART in patients with HIV/TB; adherence promotion and monitoring; basic counselling; special considerations for treating IDUs with HIV/TB; team approach to caring for patients with TB/HIV</p>
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • WHO HIV/AIDS Treatment and Care Protocols for European Region (2006) • Relevant national protocols and policies • Comprehensive set of course slides and handouts <p style="text-align: center;"><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentation, small group discussion, role play, case study, bedside training
Target Audience	Care teams (infectious disease physician and TB physician) Maximum class size: 18-24 participants
Faculty	Multidisciplinary, international and national
Duration	5-day didactical/clinical course at training facility affiliated with the site of clinical excellence

Course	Tuberculosis and HIV Infection: Management Strategies for Co-infected Patients <i>(New 3-day Continuing Education Course)</i>
Main Learning Objectives	<ul style="list-style-type: none"> • Learn about the current epidemiological situation of HIV/AIDS and TB worldwide and specific to respective country/region • Study the reciprocal influence of HIV infection and tuberculosis • Study contemporary TB diagnostic approaches in patients with HIV/AIDS • Study approaches to the diagnosis of latent TB and indications for chemoprophylaxis against tuberculosis in HIV-infected patients • Study diagnostic criteria for pulmonary TB in HIV-infected patients, methods of differential diagnosis of pulmonary TB and AIDS-associated diseases, and treatment methods for pulmonary TB in patients with HIV/AIDS • Study clinical presentations, differential diagnosis criteria, and treatment pathways for extrapulmonary TB in HIV-infected patients, depending on organ(s) affected • Study contemporary recommendations for ART delivery to patients with TB, particular features of therapy and problems of drug interaction between ARVs and anti-tuberculosis medications • Study problems of diagnostics, treatment, and prevention for atypical mycobacteriosis in HIV-infected patients • Study approaches to monitoring treatment efficacy and quality • Learn to apply the knowledge gained in practical settings
Key Topics	Epidemiology of tuberculosis and TB/HIV co-infection; reciprocal influence of TB and HIV infection; screening and diagnostics for TB in patients with HIV; efficacy of methods; extrapulmonary TB in HIV-infected patients; clinical features and differential diagnosis; TB of the respiratory organs in the presence of HIV infection; clinical features; differential diagnosis of pulmonary tuberculosis and other HIV-associated pulmonary diseases; treatment of TB and HIV co-infection; features of ART for patients with TB; drug interactions between ARVs and anti-tuberculosis medications; chemoprophylaxis against TB in HIV-infected patients; atypical mycobacteriosis in HIV-infected patients
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • WHO Protocol: Management of Tuberculosis and HIV Co-infection (2006) • Relevant national protocols and policies • Medical Management of HIV Infection, J. Bartlett, J. Gallant, 2007 • Clinical Care Options http://www.clinicaloptions.com • Set of slides and handouts <p style="text-align: center;"><i>All materials available printed or electronically</i></p>
Teaching Methods	Lectures, small group instruction, clinical case studies, and bedside training.
Target Audience	Physicians specializing in infectious diseases, TB specialists, and specialists in related disciplines who are providing treatment and care for HIV-infected patients with tuberculosis. Maximum class size: 18-24 participants
Faculty	The instructors are experts on treating HIV infection and tuberculosis
Duration	3-day theoretical and practical course

Course	Viral Hepatitis B and C and HIV Infection: Management Strategies for Co-infected Patients <i>(New 3-day Course)</i>
Main Learning Objectives	<ul style="list-style-type: none"> • Study epidemiological issues and features of HIV/HBV co-infection, as well as their reciprocal influence on disease progression • Study contemporary diagnostic methods for viral hepatitis B in HIV-infected patients • Master management strategies for patients with HIV/HBV co-infection • Learn indications for HBV treatment in HIV-infected patients • Study treatment strategies for HBV in HIV-infected patients who do not require ART • Study HBV/HIV co-infection treatment procedures for patients who require treatment for HIV only or for both diseases • Learn treatment efficacy criteria and how to monitor treatment quality for HBV/HIV co-infection • Study epidemiological issues and features of HIV/HCV co-infection, as well as their reciprocal influence on disease progression • Study contemporary diagnostic methods for viral hepatitis C in HIV-infected patients • Master management strategies for patients with HIV/HCV co-infection • Learn the indications and contraindications for HCV treatment in HIV-infected patients • Study treatment strategies for patients who require only treatment for HCV or HIV • Study treatment strategies for patients who require treatment for both hepatitis C and HIV • Study monitoring and treatment quality issues for HCV/HIV co-infection • Study the hepatotoxic effects of ARV medications and management strategies for patients with complications of ART • Learn to apply knowledge gained in practical settings
Key Topics	Epidemiology and natural course of hepatitis B in HIV-infected patients; detecting HBV in HIV-infected patients; management of patients with HBV/HIV co-infection; monitoring treatment efficacy and quality for HBV/HIV co-infection; epidemiology and natural course of hepatitis C in HIV-infected patients; detecting HCV in HIV-infected patients; management of patients with HCV/HIV co-infection; monitoring treatment efficacy and quality for HCV/HIV co-infection; ART hepatotoxicity in cases of HIV and viral hepatitis co-infection; management strategies for the same
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • HIV/AIDS Treatment and Care Clinical Protocols for the WHO European Region (2006) • Relevant national protocols and policies • Medical Management of HIV Infection, J. Bartlett, J. Gallant, 2007 • Clinical Care Options (www.clinicaloptions.com) • Set of slides and handouts <p style="text-align: center;"><i>All materials available printed or electronically</i></p>
Teaching Methods	Lectures, small group instruction, clinical case studies, and bedside training.
Target Audience	Physicians specializing in infectious diseases and specialists in related disciplines who are treating HIV-infected patients. Maximum class size: 18-24 participants
Faculty	National and international instructors with expertise in treating HIV infection and viral hepatitis
Duration	3-day course, including theoretical and practical sessions; training is conducted at healthcare facilities that specialize in treating HIV infection

Course	HIV/AIDS Case Management
Main Learning Objectives	<ul style="list-style-type: none"> • Understand the major principles of HIV/AIDS case management • Learn different models of care • Understand key component of case management related to HIV/AIDS • Learn how to achieve continuity of care • Learn about common client issues related to HIV/AIDS and how to conduct client assessment • Learn how to develop a service plan • Understand supervision issues related to case management • Learn about stages of HIV and counseling of PLWH • Understand burnout and it's prevention • Learn about outreach and how to bring positives into care • Learn how to apply existing theoretical and practical skills on HIV/AIDS case management into everyday practice
Key Topics	Major principles of HIV/AIDS case management; different models of care; key component of case management related to HIV/AIDS; continuity of care; common client issues related to HIV/AIDS and client assessment; case management service plan; supervision; stages of HIV and counseling of PLWH; burnout and it's prevention; outreach and how to bring positives into care.
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • Comprehensive set of course slides and handouts on HIV/AIDS Case Management <p><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentation, small group discussion, role play, case study
Target Audience	Specialist teams (physician, nurse, social worker, psychologist, case manager, healthcare aide)
	Maximum class size: 18-24 participants
Faculty	International and national
Duration	3-day interactive course at training facility

Course	<p align="center">ART for Injecting Drug Users – with or without Substitution Therapy Component</p> <p align="center"><i>(5-day Course developed in collaboration with OSI/IHRD)</i></p>
Main Learning Objectives	<ul style="list-style-type: none"> • Strengthen basic skills of counselling HIV-positive IDUs • Understand ethnological and psycho-social factors of addiction • Learn about ST approaches, including methadone and buprenorphine and the basics of ST • Understand principles of ART in IDUs • Learn about ARV interactions with psychotropics and illegal drugs • Learn about infectious diseases in IDUs with focus on co-infection with Hepatitis B and C and TB • Learn how to screen IDUs for common mental disorders associated with this population • Understand how to manage ART in pregnant women with addiction problems • Learn about adherence promotion and treatment monitoring in IDUs • Learn about development of resistance to ARV drugs • Learn evidence-based clinical practice guidelines and recommendations for the diagnosis and treatment of OIs • Learn how to work effectively as part of a team
Key Topics	<p>Focus on counseling and support during ART and ST; special issues in adherence for IDUs on ART and ST; drugs interactions and adjustments in therapy; WHO protocols on management of OIs and other HIV-related illnesses (2006); specifics of ART for IDUs; referrals and needed care; outreach work; how to work effectively as part of a team</p>
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • Relevant national protocols and policies • Curriculum on ART4IDUS developed by the WHO and OSI's International Harm Reduction Network • Materials on ST and ART for IDUs developed at Yale University • Comprehensive set of course slides and handouts <p align="center"><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	<p>Presentation, small group discussion, role play, case studies</p>
Target Audience	<p>Infectious disease physicians from ART care teams, narcologists, AIDS center social workers, outreach network staff, narcological centers</p> <p>Maximum class size: 25 participants</p>
Faculty	<p>Multidisciplinary, international and national</p>
Duration	<p>5-day course</p>

Course	<p style="text-align: center;">HIV/AIDS in Injecting Drug Users: Treatment and Care</p> <p style="text-align: center;"><i>(New 3-day Continuing Education Course)</i></p>
Main Learning Objectives	<ul style="list-style-type: none"> • Learn about epidemiology, provision of healthcare, and social problems related to injecting drug use • Study the etiological factors of drug addiction • Learn about the principles of comprehensive care for HIV-infected IDUs • Study the particular features of ART delivery for IDUs • Study drug interaction between ARVs and psychoactive drugs • Learn how to optimize treatment of HIV-infected IDUs with mental co-morbidities • Study the particular features of ART delivery for drug-dependent pregnant women • Study approaches to treatment of opiate and non-opiate drug dependency and learn the principles of replacement therapy • Study the particular features of treating HIV-infected IDUs who have tuberculosis or viral hepatitis B or C • Study approaches to ensuring adherence and monitoring treatment in IDUs • Learn to apply the knowledge gained in practical settings
Key Topics	<p>Epidemiological aspects of HIV infection and injecting drug use, as well as related healthcare and social problems; etiology of drug addiction; organization of care and treatment for HIV-infected IDUs; comprehensive care models; ART for IDUs; drug interactions between ARV medications and narcotic substances; optimization of HIV treatment for patients with mental co-morbidities and disorders caused by taking narcotic substances; treatment for drug-dependent pregnant women; supporting ART adherence in IDUs; treatment of opiate and non-opiate dependency; replacement therapy; management strategies for IDUs with viral hepatitis and TB</p>
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • HIV/AIDS Treatment and Care Clinical Protocols for the WHO European Region (2006) • Relevant national protocols and policies • Program for ART in IDUs developed by the WHO and the International Harm Reduction Network • Clinical Care Options (www.clinicaloptions.com) • Set of slides and handouts <p style="text-align: center;"><i>All materials available printed or electronically</i></p>
Teaching Methods	<p>Lectures, small group instruction, role plays, and clinical case studies</p>
Target Audience	<p>Physicians specializing in infectious diseases, substance abuse specialists, social workers from AIDS centers, and staff members from community outreach networks and substance abuse centers. Maximum class size: 25 participants</p>
Faculty	<p>National and international instructors with expertise in treatment and care of IDUs with HIV</p>
Duration	<p>3-day course</p>

Course	Integrated Approach in Treatment of HIV Infection, TB, and Hepatitis Co-infection in Substance Users <i>(New 3-day Course)</i>
Main Learning Objectives	<ul style="list-style-type: none"> • Learn about the epidemic and main problems associated with HIV/TB/viral hepatitis co-infection and drug addiction • Study the main aspects of drug and alcohol dependency • Learn psycho-social aspects of providing healthcare to HIV-infected IDUs • Study therapeutic approaches to co-morbidities involving infectious diseases and substance abuse • Study standard national and international diagnostic and treatment strategies for HIV/HBV and HIV/HCV co-infections • Study TB diagnostics, treatment, and prevention in HIV-infected patients • Study ART in patients with HIV/TB/viral hepatitis co-infection, including issues of drug interaction and toxicity of medications • Study ART in IDUs and alcohol abusers, as well as the interaction of ARV medications, psychoactive substances, and alcohol • Study treatment for HIV-infected pregnant women with addiction problems • Study diagnosis and treatment of common secondary diseases in HIV-infected IDUs • Learn about care coordination for IDUs with HIV/TB co-infection • Discuss ways of improving integration of infectious disease, TB, and substance abuse services to improve care for HIV-infected IDUs with TB and hepatitis • Learn about the role of NGOs and PLWH associations in providing care and support to people with HIV infection and drug dependency • Learn to apply the knowledge gained in practical settings
Key Topics	Epidemic overview and main problems of HIV/TB/hepatitis co-infection and drug dependency; etiology of drug and alcohol dependency; diagnosis and treatment of HIV/HBV and HIV/HCV co-infections; diagnosis, treatment, and prevention of TB in HIV-infected patients; therapeutic approaches to co-morbidities involving infectious diseases and substance abuse; ART for patients with HIV/TB/hepatitis co-infections; ART for IDUs and alcohol abusers; drug interactions and toxicity of medications; treatment for drug-dependent HIV-infected pregnant women; integration of healthcare services and care coordination for IDUs with HIV/TB co-infections
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • HIV/AIDS Treatment and Care Clinical Protocols for the WHO European Region (2006) • National protocols and policies • Medical Management of HIV Infection, J. Bartlett, J. Gallant, 2007 • Clinical Care Options (www.clinicaloptions.com) • Set of slides and handouts, prepared with the participation of international experts from Yale University, CT, USA, and the Elmhurst Hospital Center, NY, USA <p style="text-align: center;"><i>All materials available printed or electronically</i></p>
Teaching Methods	Lectures, small group instruction, clinical case studies, bedside training, and interactive discussions.
Target Audience	Physicians specializing in infectious diseases, TB and substance abuse specialists, specialists in related disciplines treating HIV-infected patients Maximum class size: 30 participants
Faculty	National and international instructors with expertise in treating HIV infection, tuberculosis, and substance abuse
Duration	3-day course of theoretical and practical sessions

Course	Antiretroviral Therapy (ART) During Pregnancy
Main Learning Objectives	<ul style="list-style-type: none"> • Understand the specifics of HIV infection in women • Learn the goals of ART • Understand the classes of ARVs, fetal/infant adverse effects, and recommendations for ARV drugs use, including the critical role of adherence • Know the side effects and toxicities of ART • Explain the issues and rationale for standardized ARV regimens for pregnant women in line with national and WHO protocols • Understand adherence factors • Describe PMTCT prophylaxis • Apply acquired knowledge in practical settings
Key Topics	HIV infection and women; effects of pregnancy on HIV infection; main ARV drugs and fetal/infant adverse effects; basic principles of ART during pregnancy according to relevant national recommendations and WHO protocols for European Region (2006); issues to consider with ART in pregnancy; antenatal care and PMTCT prophylaxis; prophylaxis of OIs during pregnancy; ART for women who are IDUs; maintaining adherence and psychosocial counseling; post exposure prophylaxis
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • WHO HIV/AIDS Treatment and Care Protocols for European Region (2006) • Relevant national protocols and policies • 2007 Medical Management of HIV Infection, John Bartlett, Joel Gallant • A Guide to the Clinical Care of Women with HIV, Jean Anderson, ed. (2001) • Comprehensive set of course slides and handouts <p><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentation, small group discussion, role play, case study, bedside training
Target Audience	Ob/gyns and/or infectious disease physicians providing ART to pregnant women Maximum class size: 18-24 participants
Faculty	Multidisciplinary, national
Duration	3- or 4-day didactical/clinical course at training facility affiliated with the site of clinical excellence

Course	<p align="center"> Prevention of Mother-to-Child Transmission of HIV: General Knowledge </p> <p align="center"> <i>(Based on WHO/HHS-CDC generic training package on prevention of mother-to-child transmission of HIV, adapted for CIS countries)</i> </p>
Main Learning Objectives	<p>This course teaches knowledge and basic skills in the areas indicated by the teaching module topics and necessary for providing comprehensive essential PMTCT measures</p> <p> Module 1. Introduction to HIV/AIDS Module 2. Overview of HIV prevention in mothers, infants, and young children Module 3. Specific interventions to PMTCT Module 4. Infant feeding in the context of HIV infection Module 5. Stigma and discrimination related to MTCT Module 6. HIV testing and counseling for PMTCT Module 7. Linkages to treatment, care, and support for mothers and families with HIV Module 8. Safety and supportive care in the work environment Module 9. PMTCT program monitoring </p>
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<p>Adapted version of WHO/HHS-CDC training package on prevention of mother-to-child transmission of HIV</p> <p>For Students</p> <ul style="list-style-type: none"> • Students' guide with an introduction by a CIS editorial committee of experts on PMTCT and appendices on the national epidemiological situation, standards and recommendations • Set of slides • Pocket reference manual • Posters <p>For Instructors</p> <ul style="list-style-type: none"> • Instructors' guide • Set of slides • Program and lesson plan for PMTCT course <p align="center"><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	<p>Presentation and discussion; small group discussion; role play; clinical case study; real-life cases; interactive exercises and games; meetings with guests</p>
Target Audience	<p>Caregivers responsible for PMTCT at healthcare institutions, physicians implementing PMTCT programs, nurses, midwives, and other healthcare workers, HIV counselors, social workers working with PLWHA</p> <p>Maximum class size: 25</p>
Faculty	<p>Multidisciplinary team of instructors from the CIS</p>
Duration	<p>4-5 days</p>

Course	Prevention of Mother-to-Child Transmission of HIV: HIV Testing and Counseling
Main Learning Objectives	<ul style="list-style-type: none"> • Introduce HIV testing and counseling (T&C) and other types of counseling for HIV/AIDS prevention among infants and children based on WHO, UNICEF, and UNAIDS recommendations • Learn the basic principles of counseling programs, which are integral part of the PMTCT program • Study of the interaction between different maternal and child healthcare services, HIV/AIDS prevention services and NGOs in providing counseling • Learn to apply the knowledge in practical settings
Key Topics	Comprehensive WHO/UNICEF/UNAIDS approach to prevent HIV infection in infant and young children; HIV prevention strategies; HIV T&C as a gateway to prevention and care; goals and principles of HIV T&C; HIV testing methods; HIV T&C algorithm; minimum standards for T&C in resource limited settings with low HIV prevalence (WHO protocols); effective counseling process; pre-testing counseling: content and specifics; obtaining informed consent; post-testing counseling: giving negative results; post-testing counseling: giving positive results; assessing and managing adverse events; counseling of various population groups, models for providing T&C; counseling of HIV-infected women on pregnancy and HIV; counseling of HIV-infected patients on family planning; counseling of HIV-infected mothers on infant feeding options; monitoring and evaluation of T&C; WHO protocols (March 2004) and national recommendations
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • Strategic framework to Prevent HIV infection among infants in Europe (WHO, UNICEF, UNAIDS, UNFPA, 2004) • WHO HIV/AIDS Treatment and Care Protocols for European Region (2006) • Relevant national protocols and policies • A Guide to the Clinical Care of Women with HIV, Jean Anderson, ed. (2001) • Comprehensive set of course slides and handouts <p><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentation, small group discussion, role play, case study, site visit
Target Audience	Counselors (physician, nurse, NGO rep), involved in PMTCT (AIDS centers, MCH institutions, NGOs) Maximum class size: 18-24 participants
Faculty	Multidisciplinary, national
Duration	3-day course

Course	Prevention of Mother-to-Child Transmission of HIV: Obstetrics and Gynecology
Main Learning Objectives	<ul style="list-style-type: none"> • Understand the core elements of PMTCT in obstetrics and gynecology and how to implement them in healthcare system practices based on WHO's strategy to prevent HIV infection among infants • Study of the interaction between different maternal and child healthcare services, HIV/AIDS prevention services, and NGOs providing care to HIV-infected pregnant women and their newborns • Learn to apply the knowledge in practical settings
Key Topics	Comprehensive WHO/UNICEF/UNAIDS approach to prevent HIV infection in infant and young children; prevention of HIV among women of reproductive age; family planning among HIV-infected women; HIVC&T in prenatal care; epidemiology and natural history of HIV infection; pregnancy and HIV infection; HIV prevention during pregnancy; prenatal care for HIV- infected women; PMTCT during delivery and postpartum; prevention of postpartum complications; infant feeding counseling and safe feeding options; PMTCT for female IDUs; care and support to women with HIV, their children, and families; follow-up care for infants born to HIV-infected women; OI diagnosis and treatment; case management using a PMTCT M&E database; prevention of occupational exposure to HIV; post-exposure prophylaxis; WHO protocols for European Region (2006) and national recommendations on PMTCT and related issues
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • Strategic framework to prevent HIV infection among infants in Europe, WHO, UNICEF, UNAIDS, UNFPA, 2004 • WHO HIV/AIDS Treatment and Care Protocols for European Region (2006) • Relevant national protocols and policies • A Guide to the Clinical Care of Women with HIV, Jean Anderson, ed. (2001) • Comprehensive set of course slides and handouts <p><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentation, small group discussion, role play, case study, clinical session, site visit
Target Audience	Care team from prenatal clinics/women's consultations and maternities (ob/gyns, midwives) Maximum class size: 18-24 participants
Faculty	Multidisciplinary, national
Duration	5-day course

Course	Prevention of Mother-to-Child Transmission of HIV: Pediatric Issues
Main Learning Objectives	<ul style="list-style-type: none"> • Understand the core issues of diagnosis, treatment, and care for children born to HIV-infected women and children with HIV/AIDS, as well as how to implement them in healthcare system practices, based on WHO's strategy to prevent HIV infection among infants • Learn the interaction between different maternal and child healthcare services, HIV/AIDS prevention services, and NGOs in providing care to infants exposed to HIV • Apply newly acquired knowledge in practical settings
Key Topics	Comprehensive WHO/UNICEF/UNAIDS approach to prevent HIV infection in infant and young children; epidemiology of HIV infection; characteristics of the virus and the immune pathogenesis of the disease; clarification of the HIV status of children born to HIV-infected women; methods of diagnosing HIV infection; counseling during clarification of the infection status of children born to HIV-infected women; outpatient follow-up of children born to HIV-infected women and children with HIV; vaccination of children born to HIV-infected women and children with HIV; feeding HIV-infected children; assessment of physical and neurological development of children with HIV infection; classification of HIV infection in children (WHO protocols); clinical development of HIV-infection in children; ART in children; counseling during ART; clinical and diagnostic aspects of OIs; OI treatment and prevention; prevention of occupational exposure to HIV; post-exposure prophylaxis; WHO protocols for European Region (2006) and national recommendations on PMTCT, pediatric ART, and related issues
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • Strategic framework to Prevent HIV infection among infants in Europe, WHO, UNICEF, UNAIDS, UNFPA (2004) • WHO HIV/AIDS Treatment and Care Protocols for European Region (2006) • Relevant national protocols and policies • Comprehensive set of course slides and handouts <p><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentation, small group discussion, role play, case study, clinical session, site visit
Target Audience	Care teams (neonatologists, pediatricians, pediatric nurses, NGO reps) providing care and treatment to infants exposed to HIV Maximum class size: 18-24 participants
Faculty	National
Duration	5-day course

Course	Prevention of Mother-to-Child Transmission of HIV for Decision-Makers
Main Learning Objectives	<ul style="list-style-type: none"> • Understand the core elements of PMTCT based on WHO strategy and protocols, and how to implement them in healthcare system practices • Learn approaches for program monitoring and evaluation and review a functioning model of case management PMTCT monitoring • Study the experience of integrating the PMTCT program into the mother and child healthcare services system • Learn about the experience of interaction between various entities within the mother and child healthcare system, AIDS prevention/treatment, and NGOs for PMTCT
Key Topics	Comprehensive WHO/UNICEF/UNAIDS approach to prevent HIV infection in infant and young children; prevention of HIV among women of reproductive age; prevention of unintended pregnancies among HIV-infected women; main elements of the strategy to prevent HIV transmission from HIV-infected women to her newborn during pregnancy, delivery and postpartum; counseling during pregnancy and after delivery; PMTCT: women-IDUs; follow-up care to infants born to HIV-infected women; care and support to women with HIV, her children, and family; monitoring and evaluation of PMTCT program; case management PMTCT M&E database; integration of PMTCT into MCH system and cooperation with NGOs; prevention of occupational exposure to HIV; WHO protocols for European Region (2006) and national recommendations on PMTCT and related issues
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • Strategic framework to Prevent HIV infection among infants in Europe. WHO, UNICEF, UNAIDS, UNFPA (2004) • WHO HIV/AIDS Treatment and Care Protocols for European Region (2006) • Relevant national protocols and policies • A Guide to the Clinical Care of Women with HIV, Jean Anderson, ed. (2001) • PMTCT case management M&E database: practical guide for installation and software on CD-ROM • Comprehensive set of course slides and handouts <p><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentation, small group discussion, role play, case study, site visit
Target Audience	Decision-makers involved in PMTCT (AIDS centers, MCH institutions, heads of maternities with HIV-positive deliveries, NGOs) Maximum class size: 18-24 participants
Faculty	National
Duration	3-day course

Course	<p>Prevention of Mother-to-Child Transmission of HIV</p> <p><i>(New 3-day Continuing Education Course)</i></p>
Main Learning Objectives	<ul style="list-style-type: none"> • Study issues in testing of pregnant women for HIV • Study follow-up care issues for HIV-infected pregnant women • Study the main aspects of prevention of mother-to-child transmission of HIV during pregnancy, childbirth, and the post-partum period • Study ARV strategies during pregnancy and childbirth • Study safe delivery methods, including Caesarean section and particular features of vaginal delivery management • Study issues in counseling pregnant women who are taking ARVs • Study ARV prescription strategies for children born to HIV-infected mothers • Study care management strategies for children born to HIV-infected mothers • Study effective methods of caring for pregnant IDUs and children born to them • Learn to apply the knowledge gained in practical settings
Key Topics	<p>General information and epidemiological data on mother-to-child transmission of HIV; testing pregnant women for HIV; delivery and follow-up care for HIV-infected pregnant women; prescribing ARVs for HIV-infected pregnant women and their infants; managing care for children born to HIV-infected mothers; managing care for pregnant IDUs and children born to them</p>
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • WHO protocol: Prevention of HIV Transmission from HIV-infected Mothers to Their Infants (2006) • Relevant national protocols and policies • Clinical recommendations of the Republican Clinical Infectious Disease Hospital (Federal State Agency) of the RF Ministry of Health and Social Development and the Federal AIDS Center on prevention of mother-to-child transmission of HIV • Set of slides and handouts. Lectures and clinical case studies prepared by Russian and international experts <p><i>All materials available printed or electronically</i></p>
Teaching Methods	<p>Lectures, small group instruction, role plays, clinical case studies, and bedside training</p>
Target Audience	<p>Physicians specializing in infectious diseases, ob/gyns, pediatricians, and specialists in related disciplines who are involved with PMTCT</p> <p>Maximum class size: 18-24 participants</p>
Faculty	<p>National and international instructors with expertise in reproductive health for PLWH and treating HIV infection</p>
Duration	<p>3-day theoretical and practical course; training is conducted at healthcare facilities which specialize in HIV treatment and care</p>

Course	<p align="center">Support of Sexual and Reproductive Health in People Living with HIV</p> <p align="center"><i>(New 3-day Course)</i></p>
Main Learning Objectives	<ul style="list-style-type: none"> • Study principles of protecting reproductive and sexual health of PLWH • Study the course of HIV infection and ART delivery for women • Study methods of contraception and safe abortion • Study features of natural and medically assisted reproduction in the presence of HIV infection • Study ART strategies for pregnant women, with particular emphasis on delivery and post-partum periods • Learn the potential side effects of ARVs, along with management strategies and guidelines for changing ART regimens • Study safe delivery methods • Study issues of counseling on reproductive health and family planning for HIV-infected women and men • Learn to apply the knowledge gained in practical settings
Key Topics	Principles of protecting the reproductive and sexual health of PLWH; sexual health; contraception; safe abortion practices; natural and medically assisted reproduction; cervical intraepithelial neoplasia (CIN) and cervical cancer; ART strategies for pregnant women; safe delivery methods; ART in the post-partum period; reproductive health and family planning counseling for PLWH
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • WHO Protocol: Support for Sexual and Reproductive Health in People Living with HIV (2006) • WHO Protocol: Patient Evaluation and Antiretroviral Treatment for Adults and Adolescents (2006) • WHO protocol: Prevention of HIV Transmission from HIV-infected Mothers to Their Infants (2006) • Relevant national protocols and policies • Set of slides and handouts • Lectures and clinical case studies prepared by Russian and international experts <p align="center"><i>All materials available printed or electronically</i></p>
Teaching Methods	Lectures, small group discussion, role play, clinical case study, and bedside training
Target Audience	Physicians specializing in infectious diseases, ob/gyns, and specialists in related disciplines who provide treatment and care for HIV-infected patients Maximum class size: 18-24 participants
Faculty	National and international experts in reproductive health for PLWH and treatment of HIV infection
Duration	3-day course, including lectures and practical sessions at HIV/AIDS treatment and care facilities

Course	Adherence to Antiretroviral Therapy (ART)
Main Learning Objectives	<ul style="list-style-type: none"> • Understand the goals of ART, consequences of low adherence to ART, development of resistance • Learn latest findings and evidence-based information about adherence • Understand team approach to providing adherence • Learn about counseling for adherence before ART • Learn about assessment and monitoring of ART adherence; • Learn how to achieve high level of adherence to treatment • Learn how to enhancing adherence for different categories of patients • Learn how to apply existing theoretical and practical skills on adherence to ART into everyday practice
Key Topics	Adherence, viral suppression and resistance ART; overview of the latest findings and evidence-based information about adherence; team approach to providing adherence; patient assessment before initiating ART; counseling for adherence before ART; barriers to successful ART adherence; steps to enhance patient adherence to treatment; assessment and monitoring of ART adherence; substitution treatment and adherence; enhancing adherence for different categories of patients
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • Comprehensive set of course slides and handouts on Adherence to ART <p><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentation, small group discussion, role play, case study
Target Audience	Specialist teams (physician, nurse, social worker)
	Maximum class size: 18-24 participants
Faculty	International and national
Duration	5-day interactive course at training facility

Course	Case Management: Patient Adherence to ART for Social Workers <i>(New 3-day Course)</i>
Main Learning Objectives	<ul style="list-style-type: none"> • Learn about the current HIV/AIDS epidemiological situation • Acquire basic knowledge about HIV infection, ART, and adherence to therapy • Study main principles of HIV/AIDS case management • Study various case management models • Learn about factors affecting patient adherence to treatment and methods for improving adherence • Study problems of stigmatization, social ostracism, and discrimination against PLWH and ways to combat these • Learn about typical problems faced by PLWH and how to evaluate a patient's condition and situation • Learn to develop a case management plan and determine priorities • Learn about issues in monitoring and evaluating the quality and efficacy of actions taken during case management • Learn to ensure continuity of care • Understand the nature of burnout syndrome and ways to prevent it • Learn approaches to working with PLWH and bringing them into care programs • Understand the importance of teamwork in PLWH case management and study approaches to improve cooperation among different services • Acquire skills for working effectively in a multidisciplinary team • Learn to apply the knowledge gained in practical setting
Key Topics	<p>HIV epidemic in Russia and other countries in the region; case management goals, objectives, and models; role of case managers; forms/types of care; opportunities and limitations; basic knowledge about HIV; fundamentals of ART; ART adherence; medical, psychological, and social problems faced by PLWH; crises and stages of adaptation; stigma and discrimination; components/standards of care; service plans; evaluating case acuteness and complexity; evaluating case manager load; establishing trust with patients; burnout syndrome and prevention; adherence, obstacles, and steps to enhance it; providing ART to drug users; case management tools; stages of change and the transtheoretical model of evaluation; confidentiality and legal issues; building a network of cooperating services for providing care to PLWH</p>
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • Medical and Social Support for PLWH and Members of Their Families (UNICEF, Moscow, 2006) • Standards for HIV/AIDS Case Management, New York State Department of Health AIDS Institute (2006) • Practice Standards and Administrative Guidelines for HIV-Related Case Management, Wisconsin Department of Health and Family Services (March 2003). • Centers for Disease Control (CDC) recommendations and other international recommendations which have been translated into Russian – PSI. • Relevant national protocols and policies • Set of slides and handouts <p style="text-align: center;"><i>All materials available printed or electronically</i></p>
Teaching Methods	<p>Lectures, small group instruction, role play, discussions, and clinical case studies; participant knowledge and skills are evaluated during the course</p>
Target Audience	<p>Social work specialists, social workers, and psychologists working with PLWH and high-risk groups</p> <p>Maximum class size: 18-24 participants</p>
Faculty	<p>National and international instructors with expertise in case management for PLWH</p>
Duration	<p>3-day course at a healthcare facility providing psycho-social services for PLWH</p>

Course	Laboratory Monitoring of HIV Infection and Antiretroviral Therapy (ART)
Main Learning Objectives	<ul style="list-style-type: none"> • Develop a sound understanding of the critical elements of assuring accurate, reliable test results • Learn the essential factors for quality laboratory testing in flow cytometry, hematology, chemistry, and viral load testing as they relate to the treatment and care of HIV/AIDS patients • Create capacity to train others in the proper use of personal protective equipment used in BL2 and BL3 laboratories • Understand different types of biologic safety cabinets and selection of the appropriate BSC for use in a laboratory setting • Learn critical elements in the diagnosis and management of HIV, pulmonary and extrapulmonary tuberculosis, and related OIs • Learn to identify gaps in laboratory procedures and practices, training, and education. • The course provides opportunities for gap assessment and identification of topics for follow up training and education to strengthen the laboratory infrastructure for effective treatment and care of persons with HIV/AIDS
Key Topics	Laboratory quality assurance and quality control; proper use of personal protective equipment and biologic safety cabinets; specific testing methods for flow cytometry to measure CD4 concentration, hematology testing, chemistry testing, viral load testing, interpretation of the Western Blot assay for HIV antibodies; selection and handling of specimens for analysis; critical values and issues in the testing and reporting of test results to manage HIV and OIs
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • The material is drawn from consensus documents, WHO, NIH, and CDC, and published scientific literature, either standard textbooks or peer reviewed articles • Set of slides and handouts <p style="text-align: center;"><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentation, small group discussion, role play, clinical case study
Target Audience	Laboratory personnel at all levels who are currently performing or supervising testing, laboratory quality assurance personnel, clinicians Maximum class size: 18-24 participants
Faculty	Multidisciplinary team of national/international instructors
Duration	5-day didactical/practical course

Course	<p style="text-align: center;">Laboratory Diagnostics for Opportunistic Infections (OIs) and Monitoring of HIV Treatment Quality</p> <p style="text-align: center;"><i>(New 3-day Course)</i></p>
Main Learning Objectives	<ul style="list-style-type: none"> • Study spectrum and incidence of opportunistic infections in HIV-infected patients • Study significance of standard instrument examination methods (X-ray, computerized tomography, MRI, ultrasound and bronchoscopies) to detect the etiology of secondary organ system complications • Study clinical significance of molecular diagnostic methods for establishing the etiology of organ system complications • Study procedures for examination and etiological analysis of organ system complications in patients with late-stage HIV infection • Learn about the implementation of clinical monitoring of treatment quality for HIV patients • Study issues of immunological failure of ART • Study issues of virological failure of ART • Study the development of drug resistance to ARV medications • Study the significance of certain mutations in the development of drug resistance • Learn about methods of detecting viral drug resistance • Study the clinical significance and procedures of genotyping • Learn about indications for examination for viral drug resistance to ARV medications under limited-resource conditions • Learn to apply the knowledge gained in practical settings
Key Topics	Laboratory diagnostics for OIs in HIV-infected patients; clinical significance of standard instrument examination methods and molecular diagnostics for detecting the etiology of secondary organ system complications in HIV-infected patients; OI examination procedures; monitoring efficacy of ART; immunological and virological failure of ART; development of drug resistance to ARVs; methods of detecting drug resistance and indications for testing; clinical significance of certain mutations
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • HIV/AIDS Treatment and Care Clinical Protocols for the WHO European Region (2006) • Relevant national protocols and policies • Medical Management of HIV Infection, J. Bartlett, J. Gallant, 2007 • Clinical Care Options (www.clinicaloptions.com) • Set of slides and handouts. • Lectures and clinical case studies prepared by Russian and international experts <p style="text-align: center;"><i>All materials available printed or electronically</i></p>
Teaching Methods	Lectures, small group instruction, clinical case studies, bedside training
Target Audience	Physicians specializing in infectious diseases and specialists in related disciplines who treat HIV-infected patients
	Maximum class size: 18-24 participants
Faculty	National and international instructors with expertise in treating HIV infection
Duration	3-day course, including theoretical and practical sessions; training is conducted at healthcare facilities that specialize in treating HIV infection

Course	An Integrated Care Model for People Living with HIV/AIDS in Russia <i>(New 3-day Course)</i>
Main Learning Objectives	<ul style="list-style-type: none"> • Learn an integrated care model for HIV patients in Russia • Learn the legal aspects of HIV prevention and treatment • Learn about psycho-social aspects of working with HIV-infected patients in healthcare institutions, methods and approaches used, and how to develop patient education and communications to improve care • Understand goals of ART, consequences of non-adherence to ART, and the development of drug resistance; learn methods of adherence assessment and monitoring, counseling on adherence issues, and how to enhance adherence among various groups of patients • Learn the principles of coordinated case management and assistance for PLWH who need care from various specialists • Master the principles of teamwork in developing and optimizing adherence to treatment • Discuss the significance of greater integration of interdisciplinary services in improving the quality of treatment and care for PLWH • Learn how effective interaction between government services and NGOs providing services and support to PLWH can enhance care • Study problems of providing palliative care to HIV-infected patients • Learn to apply the knowledge gained in practical settings
Key Topics	<p>Integrated care model for HIV-infected patients in the Russian Federation; legal foundations of HIV prevention and treatment; fundamentals of medical, psychological, and social work with HIV-infected patients; development and optimization of patient ART adherence; coordinated case management; teamwork in the organization of care and support for PLWH receiving ART; role of integration of interdisciplinary services in improving the quality of treatment and care for PLWH; interaction between government services and NGOs in providing care for PLWH; palliative care for HIV-infected patients</p>
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • HIV/AIDS Treatment and Care Clinical Protocols for the WHO European Region (2006) • Relevant national protocols and policies • Set of slides and handouts <p style="text-align: center;"><i>All materials available printed or electronically</i></p>
Teaching Methods	Lectures, small group instruction, role plays, demonstrations, discussions
Target Audience	<p>Physicians with various areas of specialization, teams of specialists, social workers, psychologists, representatives of NGOs and volunteers</p> <p>Maximum class size: 18-24 participants</p>
Faculty	Instructors are physicians specializing in infectious diseases and social workers specializing in care, treatment, and support for PLWH
Duration	3-day course, including theoretical and practical sessions; training is conducted at healthcare facilities that specialize in treating HIV infection

Course	HIV/AIDS Clinic Administration and Management
Main Learning Objectives	<ul style="list-style-type: none"> • Understand the basic functions of management and use that framework to bring meaning to what participants do as managers • Adopt a holistic view of health services management by visualizing the healthcare system as a whole, the institution as a part of the system, and the manager's role and influence within the system • Apply leadership, interpersonal, and problem-solving skills developed through active participation in workshop activities and dialogue to the implementation of their individual projects • Learn a variety of planning, information, financial, and change management tools to assess the choices their organizations have in adapting to changing societal and health care circumstances • Implement an individual project in their home organization during the six to nine months following the workshop
Key Topics	Models of HIV/AIDS care and support; access to treatment; putting treatment into practice, training and management for treatment work; assessing needs and resources; M&E HIV/AIDS-related treatment work; changing and improving performance; building partnerships with NGOs; principles of clinic management; multidisciplinary approach to AIDS healthcare provision; team building; quality improvement processes; and information management
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • Management, Leadership and Health Systems: User's Guide • Comprehensive set of course slides and handouts <p><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentation, small group exercise, role play, case study, use of inventories/instruments
Target Audience	AIDS center directors and /or deputy center directors, chief nurses Maximum class size: 18-24 participants
Faculty	International and national
Duration	5-day course

Course	Training-of-Trainers Course: Initiation of ART for Adults
Main Learning Objectives	<ul style="list-style-type: none"> • Understand the major principles of adult learning • Learn how to apply existing theoretical and practical skills on HIV/AIDS etiology, pathogenesis, classification systems, and diagnosis of HIV/AIDS, as well as ARV drugs and current guidelines for ART, into everyday practice • Learn how to systematize gained knowledge and develop training curricula and materials to train other physicians and students • Understand how to define learning objectives for each of the Initiation of ART sessions objectives, criteria and standards for assessing the performance of the student, types of objectives, etc. • Learn about icebreaker techniques and how to interact with audience in an informal way • Learn about presenting information and preparing power point presentations, review major challenges and how to avoid them • Learn how to prepare and present case studies, visual materials, ask and answer the questions • Learn how to design course and choose appropriate format of the lecture • Understand major principles of experiential learning and use of role play exercises • Learn how to organize clinic visit and how to use patients for learning purposes, ethical aspects of patient examination • Understand how to apply new knowledge in practical settings
Key Topics	Adult learning; learning by objectives; experiential learning; criteria and standards for assessing the performance of the student; icebreaker techniques; interacting with audience; presenting information and preparing power point presentations; case studies; organizing clinic visits and how to use patients for learning purposes; overview of course materials for Initiation of ART for Adults
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • Comprehensive set of course slides and handouts on adult learning and Train-the-Trainer techniques • Adapted introduction to the WHO and HHS/CDC Prevention of Mother-to-Child Transmission of HIV (PMTCT) Generic Training Package • Course materials on Introduction to ART for Adults with teaching tips <p style="text-align: center;"><i>All materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentation, small group discussion, role play, case study, bedside training
Target Audience	Physicians/potential master trainers Maximum class size: 18-24 participants
Faculty	International and national
Duration	3-day interactive course at training facility

Course	Training-of-Trainers Course: Introduction to HIV/AIDS Care and Treatment
Main Learning Objectives	<ul style="list-style-type: none"> • Understand the major principles of adult learning • Learn how to appropriately apply these theories and skills • Learn how to develop training curricula and materials • Learn course design and choose appropriate lecture formats • Review epidemic, system of HIV/AIDS care, and appropriate referrals • Understand basics of HIV infection, as well as the prognosis and indications for starting antiretroviral therapy (ART) and the goals of HIV/AIDS treatment • Learn the classification of antiretroviral drugs (ARVs) and recommendations for appropriate prescriptions, including adherence strategies • Understand the rationale for standardized ARV regimens according to national and WHO recommendations, the side effects and toxicities of ART • Review special considerations of HIV treatment in vulnerable groups and OIs • Apply acquired knowledge in practical settings
Key Topics	<p>Module 1. Teaching principles Module 2. Teaching techniques Module 3. HIV management and initiation of ARV treatment Module 4. Treatment planning and adherence to ART Module 5. Special considerations for ART</p>
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • Adapted trainer guide with teaching tips and case studies • Comprehensive set of course slides TOT handouts, and course materials • WHO HIV/AIDS Treatment and Care Protocols for European Region (2006) • Relevant national recommendations and regulation documents • 2007 Medical Management of HIV Infection, John Bartlett, Joel Gallant • HIV Medicine 2005, Hoffmann-Rockstroh-Kamps • Relevant articles/readings discussing evidence based approach to ART <p><i>Materials available printed or electronically in Russian and English</i></p>
Teaching Methods	Presentations, small group discussions, role play, case study, bedside training, home assignments
Target Audience	Medical doctors, faculty of postgraduate and graduate medical schools/ potential master trainers Maximum class size: 18-24 participants
Faculty	International and national
Duration	8-day course, including didactical and clinical sessions
Certification	72-hour certificate of thematic specialization on HIV treatment for physicians

Course	<p align="center">Training-of-Trainers Course: HIV/AIDS for Social Workers</p> <p align="center"><i>(New 5-day Course)</i></p>
Main Learning Objectives	<ul style="list-style-type: none"> • Understand the major principles of adult learning • Learn how to appropriately apply these theories and skills • Learn how to develop training curricula and materials • Learn course design and choose appropriate lecture formats • Consolidate knowledge and skills for providing information on the development of HIV infection, diagnostics, and main prevention methods, with attention to the influence of popular myths and stereotypes about the virus • Learn about the main goals and principles of HIV testing, while improving practical pre- and post-test counseling skills • Analyze issues of living with HIV infection and its clinical manifestations, with particular attention to the effects of various behavioral models and the attitudes of society toward the community of PLWH • Analyze methods and strategies for providing treatment and social support to PLWH using multidisciplinary teams. • Learn about ways of providing psychological and social support to members of different target groups, with particular attention to the closed nature of certain populations • Analyze existing possibilities for organizing social work based on best practices and lessons learned from other countries in the region
Key Topics	<p>Characteristics, life cycle, and progression of HIV infection; pre-test counseling; responding to a diagnosis of HIV; HIV/AIDS discrimination and stigma; ART; ART adherence; the team approach to organizing care and support for ART patients; HIV/AIDS social work; teaching skills and methodology; various stages of the training cycle</p>
Basis of Curriculum, Key Teaching Documents, and Materials Provided	<ul style="list-style-type: none"> • WHO Protocol: Patient Evaluation and Antiretroviral Treatment for Adults and Adolescents (2006) • Relevant national protocols and policies • Series of foreign articles and publications • Set of slides and handouts <p align="center"><i>All materials available printed or electronically</i></p>
Teaching Methods	<p>Lectures, small group instruction, role plays, demonstrations, discussions and individual exercises</p>
Target Audience	<p>Social workers</p> <p>Maximum class size: 18-24 participants</p>
Faculty	<p>Instructors are social work experts with particular expertise in the field of care, treatment, and support of PLWH</p>
Duration	<p>5-day course</p>

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To learn more about the Regional Knowledge Hub for the Care and Treatment of HIV/AIDS in Eurasia, or to inquire about our courses and other capacity building programs, please visit www.AIDSKnowledgeHub.org.



Regional Knowledge Hub for the Care and Treatment of HIV/AIDS in Eurasia

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Federal Ministry
for Economic Cooperation
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