

Proposed Schedule
“Medical Assistance & Medical Education (MAME)
Medical Education Program in Kyrgyzstan-Delivering care for HIV and co-
infections”

Day 1

Time	Subject	Speaker
0900-0920	Registration and headsets	
0920-0930	Welcome and Official Opening	
HIV and COVID		
0930-1000	Of Pandemics and War - Impact on HIV Care	Dr. Sanjay Bhagani
1000-1020	Epidemiological situation of HIV infection in the Kyrgyz Republic	Dr Begaim Temirgalieva
1020-1050	The 2025 95-95-95 targets: are they possible for Kyrgyzstan? Off-track by Covid?	Dr. Aibek Bekbolotov,
1050-1120	Pandemic Preparedness, Treatment for Viral Respiratory Tract Infections	Dr Sanjay Bhagani
1120-1140	Coffee break	
MDRTB/ HIV Co infection		
1140-1200	MDRTB burden and epidemiology in Kyrgyzstan	Dr.Gulnura Turdumambetova,
1200-1220	MDRTB and HIV coinfection update from Kyrgyzstan	Dr. Atyrkul Toktogonova,
1220-1250	The impact of co-infection with HIV on TB and MDRTB management: an overview	Dr. Clare van Halsema
1250-1310	HIV update Eastern Europe- Prep	Dr. Pavel Khaykin
1310-1400	Lunch	
Treatment Options, drugs, and services		
1400-1430	The ART of ARVs	Dr. Sanjay Bhagani
1430-1455	Adverse drug reactions to TB and HIV drugs: diagnostic challenges and management in Kyrgyzstan	Dr. Aiyngul Dusihekeeva,
1455-1520	New HIV Drugs, Interactions, and management	Dr. Clare van Halsema
1520-1550	Opioid Substitution Treatment	Dr. Pavel Khaykin
1550-1610	Coffee break	
1610-1630	Experience of online harm reduction among new psychoactive drug users	Chinara Imankulova NGO AFEW
1630-1650	Impact of the COVID-19 pandemic on the mental health of HIV population in Kyrgyzstan	Dr. Lillia Panteleeva Dr. Tatyana Galako Department of Medical Psychology, Psychiatry and Addictions
1650-1700	Closure of the day and brief intro for topics on Day II	

Proposed Schedule
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Day 2

Time	Subject	Speaker
0900-0915	Registration	
0915-0920	Welcome/ Recap Day 1	Dr. Sanjay Bhagani
HIV		
0920-0950	HIV in female patients + Preventing Mother to Child Transmission	Dr. Pavel Khaykin
0950-1010	Development of resistance to ARVs in Kyrgyzstan	Dr. Isamidin Osmonov
Hepatitis		
1010-1030	Strategy for the fight against Viral Hepatitis in Kyrgyzstan	Dr. Suranbaeve
1030-1150	New hepatitis C treatments and strategies for elimination	Dr. Pavel Khaykin
1150-1120	New Paradigms in HBV Management	Dr. Sanjay Bhagani
1120-1135	Viral hepatitis in children in the Kyrgyz Republic	Dr Zuura Djolunova
1135-1150	Coffee break	
Case discussions HIV/TB/Hep B		
1150-1200	Case 1 - Impact of HIV coinfection on the treatment of drug-susceptible and DR-TB: an overview	Dr. Ramilya,
1200-1215	Case discussion and questions	Dr. Pavel Khaykin, Dr. Sanjay Bhagani, Dr. Clare van Halsema + KSMA
1215-1225	Case 2 – HIV with ART resistance, co-infection, and/or opportunistic infection	Dr. Isamidin Osmonov
1225-1240	Case discussion and questions	Dr. Pavel Khaykin, Dr. Sanjay Bhagani, Dr. Clare van Halsema + KSMA
1240-1250	Case 3 - Hepatitis case (B with delta agent) and discussion	Dr. Anarbaeva Zhumagul
1250-1300	Case discussion and questions	Dr. Pavel Khaykin, Dr. Sanjay Bhagani, Dr. Clare van Halsema+ KSMA
1300-1350	Lunch	
1350-1420	Managing Drug Induced Liver Injury in HIV/TB- Case study by Sanjay	Dr. Sanjay Bhagani
Continuing Medical Education		
1420-1445	Study design	
1450-1510	Continuing Medical Education & Opportunities	Dr. Clare van Halsema
1510-1530	Closing remarks	KSMA
1530-1600	Certificates distribution	
1600-1700	Networking/Coffee	

Dr Pavel Khaykin

Pavel Khaykin, MD studied medicine in Ukraine and had already big experience in infectious diseases and especially Hepatitis C and HIV before he started as HIV-Specialist in Germany. After 9 years' experience at one of the biggest HIV centres at Frankfurt University Hospital as a physician, in October 2013 he started his own practice focused on antiretroviral treatment, hepatitis C treatment and substitution treatment of injecting opioid users. His clinical and research interests include antiretroviral treatment for patients infected with resistant viruses, HCV treatment in HIV co-infected patients, especially in IVDU, and treatment of opportunistic infections, especially tuberculosis. He is speaker and mentor for HIV-programs for East Europe and Central Asia (American Health Alliance, WHO Europe).

Dr. Sanjay Bhagani

Sanjay Bhagani, BSc FRCP is a consultant physician in Infectious Diseases/HIV Medicine and General (internal) Medicine at the Royal Free Hospital in London. He has a specialist interest in the management of HIV in-patients with complex multi-system and opportunistic infections and patients with viral hepatitis co-infections.

Dr. Bhagani is a member of the BHIV viral hepatitis guidelines committee and a member of the European AIDS Clinical Society (EACS) hepatitis guidelines committee. He has an active interest in teaching doctors and post-graduates from resource-poor settings about managing HIV-associated opportunistic infections and viral hepatitis co-infections. He is the president for EACS.

Dr Clare van Halsema

Clare is a physician in infectious diseases and internal medicine, with interests in tuberculosis, HIV, tropical infections, and clinical epidemiology. She is clinical lead and leads the HIV service at the regional infectious diseases unit at North Manchester General Hospital. Her clinical training was in Manchester and London. She studied epidemiology (MSc) and worked as a research fellow in South Africa with the London School of Hygiene and Tropical Medicine and the Aurum Institute, Johannesburg, undertaking research in tuberculosis and HIV in a gold-mining workforce. This led to published work and an MD (research). Previous experience includes working for Médecins Sans Frontières in the Democratic Republic of Congo.

Dr. Aibek Bekbolotov

Aibek Bekbolotov studied medicine at the Kyrgyz State Medical Academy and has extensive experience in managing health programs, especially in HIV and viral hepatitis.

After 6 years of experience in the field of HIV treatment and care in the regional and republican AIDS centers, since 2017 he has been the Deputy Director of the Republican Center for Blood Born Viral Hepatitis and HIV Control.

The main activities of Aibek Bekbolotov are aimed at coordinating national efforts in response to HIV and viral hepatitis, constantly improving the quality of services in the field of prevention, diagnosis and treatment, developing cooperation with international partners and the civil sector. He is an expert in the development and implementation of regulatory legal documents, monitoring of national and departmental programs on HIV and viral hepatitis.

Dr Gulnura Turdumambetova

Dr Gulnura has been working with tuberculosis for more than 20 years, has a higher education in the field of medicine and phthisiology. The dissertation research was carried out with the most common combined form of tuberculosis and diabetes mellitus. The results of the work were reflected in periodicals and printed materials. Impaired glucose tolerance and disorders of carbohydrate metabolism were reflected in the work. Gulnura Keneshbekovna is not only a teacher for

higher educational institutions, but also a clinician, is a consultant for haematology, oncohematology, gastroenterology and other extrapulmonary forms of tuberculosis. He has scientific publications of tuberculosis in combination with aspergillosis, TB in combination with HIV infection, latent tuberculosis infection and others.

Chinara Imankulova

Chinara is a project manager at the Public foundation "AFEW" since 2013. She coordinated projects to support people using drugs, prisoners, youth and people living with HIV. Promoted development and approval of clinical protocol "Mental and behavioural disorders due to the use of new psychoactive substances by children and adolescents. Diagnosis, treatment and prevention" and clinical guideline "Management of pre-natal period, labour and post-partum period in women who use psycho-active substances".

She worked as a senior specialist of Public Investment Program at Ministry of Finance of the Kyrgyz Republic between 2003 and 2012. She has a Master's Degree in Economics. Chinara prepared budgets for Kyrgyz Republic and Republic of Uzbekistan, Russian Federation proposals on HIV/AIDs to the Global Fund to fight AIDs, Tuberculosis and Malaria.

Dr Tatiana Galako

Dr Tatiana Galako, MD, PhD, Associate Professor, Head of the Department of Medical Psychology, Psychiatry, and Narcology at the Kyrgyz State Medical Academy, and Vice-President of the Kyrgyz Psychiatric Association. She actively engages in teaching medical students, residents, and postgraduates, serving as their academic mentor. She plays an integral role in the reform of mental health services in Kyrgyzstan, providing consultation and expertise. With over 90 scientific publications, T. Galako is a dedicated researcher, focusing on integrating psychiatry into primary healthcare, rational use of psychotropic medications, psychiatric and narcology education, and the impact of COVID-19 on mental health. She supervises and executes more than 10 clinical guidelines, including guidance on assisting adult consumers of new psychoactive substances.

Dr Akhmetova Ramilya

Dr Ramilya graduated from the Kyrgyz State Medical Academy in 2010, she completed her clinical residency in the specialty of phthiisology. More than 10 years working with tuberculosis. Conducts dissertation research on tuberculosis and HIV infection. Has publications on the topic of his scientific research. She also works in the children's department at the National Center for Phthiisology as a phthiisopediatrician.

Dr Aiymgul Duishekeeva

Dr Aiymgul has been working in TB field more than 15 years. She joined to the KSMA recently, 2 years ago after working with Doctors Without Borders (MSF) in the prison sector with TB patients in Kyrgyz Republic and in the Makeni regional general hospital of Sierra-Leone (West Africa) TB department. She also worked with KNCV with implementation of the new TB drugs and regimens in Kyrgyz Republic, continue working with KNCV on BPAL operational research on effectiveness of the new regimen. Participated in the World Union Conferences with the poster and oral presentations.

Dr. Anarbayeva Zhumagul

Dr. Anarbayeva Zhumagul is an assistant at the Department of Infectious Diseases of the Kyrgyz State Medical Academy. She is an infectious disease doctor of the highest category, an excellent student of public health of the Kyrgyz Republic, a candidate of medical sciences. Dr. Anarbayeva Zh. has overseen the infectious diseases department at the hospital in the city of Kyzyl-Kiya, Batken region, for more than 20 years. This region is the most unfavourable in terms of the incidence of viral hepatitis. Therefore, her dissertation work was devoted to the study of clinical and epidemiological features of chronic viral hepatitis D in this region of the Kyrgyz Republic. Based on this work, 9 scientific articles have been

published in national and international medical journals. She participated with scientific reports on the problem of chronic viral hepatitis at many international conferences (EASL Austria, Baku, Tashkent, Moscow). She is a member of the Association of Infectious Disease Doctors and Hepatologists of the Kyrgyz Republic. Currently, she continues to conduct scientific research on the long-term consequences of chronic viral hepatitis.

Dr Atyrkul Toktogonova,

Dr Atyrkul, is deputy director of the National TB Center of the Kyrgyz Republic. She is an accomplished investigator who has studied DR-TB for many years, collaborating with colleagues across Eastern Europe and Central Asia, as well as with KNCV, the WHO, and other international partners.

Dr Zuura Djolbunova Kerimbekovna

Zurra is a Doctor of Medical Sciences, Professor, Head of the Department of Children's Infectious Diseases, KSMA named after I.K. Akhunbaev. In addition to teaching, he consults and treats sick children with various acute infectious diseases at the Republican Clinical Infectious Diseases Hospital, participates in the development of clinical protocols for topical childhood infections. With the staff of the department, he conducts research work on the topical issue of childhood infectious diseases, including CNS damage in infectious diseases and before.

Dr. Begaim Temirgalieva

Begaim Temirgalieva, Ph.D. in epidemiology has extensive experience in the field of HIV infection and viral hepatitis. Between 1995 - 2007 was a Researcher at the Viral Hepatitis Laboratory of the Republican Scientific and Practical Center "Preventive Medicine". Participant of "Sentinel Epidemiological Surveillance of Viral Hepatitis"; CDC project. From 2007 to the present has been working in the field of HIV infection. In 2007 was a Deputy of the General Director for Epidemiology of the Republican AIDS Association. In 2007-2008 was a Head of the Secretariat of the Country Multispectral Coordination Committee for (HIV / AIDS, tuberculosis, malaria) particularly dangerous disease. In 2016-2017 was a Consultant at the Ministry of Health of the Kyrgyz Republic in the framework of the National Health Reform Program "Den Sooluk" in "Control of HIV infection" direction. Since 2008 she has been teaching medical workers of all specialties at various levels of health care, students and interns on HIV issues. Since 2012, national trainer in express HIV testing with oral fluid and capillary blood, trains non-governmental organizations (NGOs) and health workers Begaim Temirgalieva participates in research, one of the latest projects is "Building the capacity of the Republican AIDS Center at the Ministry of Health of the Kyrgyz Republic in implementing of the programs for the prevention, care and treatment of HIV/AIDS in the Kyrgyz Republic under the US President's Emergency Plan for AIDS Relief (PEPFAR)" , CDC. Interviewing PWID as the part of the Biobehavioural Study. Begaim Temirgalieva has an experience in interaction with government, international organizations (UNAIDS, UNDP, WHO, PEPFAR, CDC, ICAP, PSI, UNFPA, UNICEF, GIZ, etc.) and the NGOs.

Professor Gulmira Suranbaeva

Gulmira Suranbaeva, MD, professor of the department of infectious diseases of the I.K. Akhunbaev Kyrgyz state medical academy, studies the clinical and epidemiological features of enteral (A and E) and parenteral viral hepatitis (B, C and D) in adults and children in the Kyrgyz Republic. For the last 20 years, she has been closely involved in chronic viral hepatitis B, C and D, and their outcomes, liver cirrhosis, hepatocarcinoma (clinic, epidemiology, therapy and immunology). She monitors patients after liver transplantation. She is a participant of national programs, clinical guidelines and protocols on viral hepatitis in the Kyrgyz Republic. The themes of the candidate's and doctoral dissertations were devoted to the study of this problem. Under her leadership, 5 PhD theses were defended, and currently she is the head of 6 graduate students whose topics are devoted to the study of chronic viral hepatitis and their

outcomes. Gulmira Suranbaeva is a member of the Euro-Asian Society for Infectious Diseases. She has published more than 100 publications and 2 monographs on viral hepatitis. She works in cooperation with WHO, FSUE "State research institute of EPBP" of the FMBA of Russia, St. Petersburg Research Institute of Epidemiology and Microbiology named after Pasteur, Kazan State Medical University, I.M. Sechenov First Moscow State Medical University of the Ministry of Health of Russia, Robert Koch Federal Institute of Germany, Global Research Institute (GLORI) Foundation, CDC USA, M.Aikimbaev G. National Scientific Center for Especially Dangerous Infections Alma-Ata.

Dr. Isamidin Omonov

Dr. Isamidin, graduated from the Medical Academy in Bishkek, Kyrgyzstan. He began his medical activities in the field of treatment and prevention of HIV at the Center for the Prevention and Control of AIDS in the city of Osh. He has been a National Consultant for Antiretroviral Therapy, to improve adherence to antiretroviral therapy in HIV-infected people. He also coordinated the prevention of vertical transmission of HIV infection. He has worked with UNICEF to disclose the status of children and increase adherence to antiretroviral therapy in children and adolescents. Developed an HIV testing algorithm during the COVID-19 pandemic. Reformatted the clinical protocol into an IT format for testing children for HIV and conducting antiretroviral therapy. Participated with scientific reports at international conferences and has published works on HIV infection, on the prevention of vertical transmission of HIV. For the last 2 years he has been working at the Kyrgyz State Medical Academy and continues research in the field of treatment and prevention of HIV infection.

Dr. Liliia Panteleeva

Dr Liliia, PhD, received her medical education in the Kyrgyz Republic and is a country expert on mental health at WHO. Associate Professor of the Department of Psychology and Medical Psychology and Psychotherapy of the Kyrgyz-Russian Slavic University. More than 20 articles have been published. She is a board member and president of the Kyrgyz Psychiatric Association, as well as a member of the CARE network on recovery and inclusion. The CARE Network is an international network that serves professionals, service users, and organizations, helping to facilitate the transition from institutional care to community care and rehabilitation.

Prof. Dr. Gulmira Djumalieva (Panelist)

is the vice-rector for International Relations and Strategic Development, I.K. Akhunbaev Kyrgyz State Medical Academy and in parallel heads the Department of General and Clinical Epidemiology.

She defended her master's degree at the Research Institute of Poliomyelitis and Viral Encephalitis, Moscow, Russia, and then completed a postgraduate course in microbiology at Tropical Medicine and Public Health Central Coordinating Board, SEAMEO, Kuala Lumpur, Malaysia.

Dr. Gulmira Jmalieva has achieved professionalism in the field of infectious diseases and epidemiology during her work as head of the laboratory at the Research Institute of Prevention and Medical Ecology, and then as a Head of the Epidemiology Department of the Research Institute of Preventive Medicine, Bishkek.

She coordinated many national and international projects aimed at developing mechanisms for the control of infectious diseases and epidemics, as well as the management of medical waste. So, she was a national expert for the project of the UNAIDS regional program "To improve HIV/AIDS epidemiological surveillance of HIV/AIDS, STDs and viral hepatitis with a particular focus to hard-to-reach populations". Currently, her main work is aimed at improving the quality of medical education.

Dr. Anara Djumagulova Sh.(Panelist)

Dr Anara Djumagulova Sh. is the head of the Department of Infectious Diseases of the Kyrgyz State Medical Academy, associate professor, candidate of medical sciences. She has over 30 years of experience in the field of infectious diseases. She specializes in the treatment of patients with severe and complicated infectious diseases, including those with HIV infection and viral hepatitis. Participated in the development

and implementation of the State program to combat viral hepatitis in the Kyrgyz Republic for 2017-2022. She is also the developer of the national guidelines for the diagnosis and treatment of blood-borne viral hepatitis B, C and D (2023). Dr. Djumagulova provides training for doctors on HIV and viral hepatitis throughout the country. She has published more than 90 scientific articles, including those on HIV infection and viral hepatitis. She took part in the World Hepatitis Summit in Brazil (2017), did an HIV internship at the Royal Free Hospital in London (2017), and participated in other international congresses and symposiums on HIV and viral hepatitis (France, Republic of Belarus, Russian Federation, etc.). She is a member of the Association of Specialists in Infectious Diseases and Hepatologists of the Kyrgyz Republic.

Dr Altynai Baitelieva (Panelist)

Dr Altynai Baitelieva has been working with tuberculosis for over 20 years, has a higher education in the field of medicine and phthisiology. Since 2015, she has been working at the Department of Phthisiology of KSMA as an assistant to the department, where she teaches foreign students. She defended her dissertation work in 2022 on the topic: latent tuberculosis infection in children and adolescents in the Kyrgyz Republic. The results of the work were reflected in periodicals and printed publications, a methodological recommendation was developed for students of the KSMA named after I.K. Akhunbaev. Altynai Karypbaevna also supervises in the department of multidrug resistance, participates in clinical conferences, and is a member of the working group for the development of clinical guidelines and protocols.