eXcellence and Value
in heart care

PROGRAMME
of the Anniversary Conference dedicated to the 15th Anniversary of the UMC Heart Center
"eXcellence and Value in Heart Care"

Thursday, 17 September 2026

07:30-08:15	Registration & Welcome Coffee					
08:15-09:00	Opening Ceremony Grand Ballroom (Hilton) 08:15-09:00					
09:00-13:00	Plenary Session Grand Ballroom (Hilton) 09:00- 13:00 Moderators: Jan Pirk, Yuriy Pya, Pascal Leprince, Murat Sargin, Timur Lesbekov					
13:00-14:00	Lunch					
14:00-17:00	Parallel Session No. 1 Astana hall (Hilton) Time 14:00-17:00 Heart Failure 2026: The Next Chapter Moderators: Makhabbat Bekbosynova, Feras Bader	Parallel Session No. 2 Meeting room №5+6 (Hilton) Time: 15:20-17:00 Atherosclerosis Session Moderators: Makhabbat Bekbosynova	Parallel Session No 3 Grand Ballroom (Hilton) Time: 13:45-16:00 Is Clinical Excellence Enough? Rethinking Modern Healthcare Session Moderators: Aigerim Abdiorazova, Aliya Sailybayeva	Parallel Session No. 4 Meeting room №3 (Hilton) Time: 14:00-17:00 Cardiac Radiology Session Moderators: Tairkhan Dautov	Parallel Session No. 5 Main Conference Hall, Heart Center Time 14:00-19:00 Structural Heart Disease Session "Interventional Treatment of Atrioventricular Valve Regurgitation" Moderators: Marat Aripov, Sergey Leontev (supported by Abbot)	
15:00-15:20	Coffee Break					
17:00-17:20	Discussion					
19:00-22:00	Gala-dinner					

Friday, 18 September 2026

09:00-13:00	MCS Session Astana Hall (Hilton) 09:00-13:00 Moderators: Diyar Saeed, Nail Khisamutdinov, Darkhan Suigenbayev, Svetlana Novikova	Parallel Session No. 2 Meeting room №5+6 (Hilton) Time: 09:00-17:00 Interventional Arrhythmology Session Moderators: Sergey Aivazyan, Nikolai Neminushchiy, Omirbek Nuralinov, Artur Abdymomunov, Yerlan Turubayev	Parallel Session No. 3 Meeting room №3 (Hilton) Time: 09.00-17.00 Interventional Cardiology and Radiology Session Moderators: Abdurashid Mussayev, Suxia Guo, Sergey Leontyev	Parallel Session No. 4 Main Conference Hall, Heart Center Time: 09:00-17:00 Cardiac Anesthesiology and Intensive Care Session Moderators: Timur Kapyshev, Robertas Samalavicius	Parallel Session No. 5 Main Conference Hall, Mother and Child Center Time: 09:00-17:00 Pediatric Cardiac Surgery Session Moderators: Dmitriy Valerievich Gorbunov, Tatyana Ivanova-Razumova	Parallel Session No. 6 Venue: Conference Hall, Nazarbayev University School of Medicine Time: 08:00-16:00 Nursing Session Moderators: Sabina Kosmagambetova, Batyrzhan Zhunussov
11:00-11:20	Coffee Break					
13:00-13:30	Results of the Young Scientists Competition Astana hall (Hilton) Time: 13.00-13.30					
13:30-14:00	Lunch					
14:00-17:00	Parallel Session No. 1 Venue: Astana hall (Hilton) Time: 14:00-17:00 Cardiac Surgery Session Moderators: Timur Lesbekov, Yermagambet Kuatbayev	Parallel Session No. 2 Meeting room №5+6 (Hilton) Time: 09:00-17:00 Interventional Arrhythmology Session Moderators: Sergey Aivazyan, Nikolai Neminushchiy, Omirbek Nuralinov, Artur Abdymomunov, Yerlan Turubayev	Parallel Session No. 3 Meeting room №3 (Hilton) Time: 09:00-17:00 Interventional Cardiology and Radiology Session Moderators: Abdurashid Mussayev, Suxia Guo, Sergey Leontyev	Parallel Session No. 4 Main Conference Hall, Heart Center Time: 09:00-17:00 Cardiac Anesthesiology and Intensive Care Session Moderators: Timur Kapyshev, Robertas Samalavicius	Parallel Session No. 5 Main Conference Hall, Mother and Child Center Time: 09:00-17:00 Pediatric Cardiac Surgery Session Moderators: Dmitry Valerievich Gorbunov, Tatyana Ivanova-Razumova	Parallel Session No. 6 Venue: Conference Hall, Nazarbayev University School of Medicine Time: 08:00-16:00 Nursing Session Moderators: Sabina Kosmagambetova, Batyrzhan Zhunussov
17:00-17:20	Discussion					

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7.30-08.15	**Registration & Welcome Coffee**	
Opening Ceremony **Grand Ballroom (Hilton)** **08:15-09:00**		
08:15-08:30	**Welcome Video & Orchestra Performance**	
08:30-08:35	Welcome Speech	**Akmaral Alnazarova** Minister of Healthcare of the Republic of Kazakhstan
08:35-08:40	Welcome Speech	**Huck-Hui Ng** Vice President and Dean of the School of Medicine, Nazarbayev University, Astana, Kazakhstan
08:40-08:45	Welcome Speech	**Seitkhan Dzhoshibaev** MD, Professor, Director of the Scientific and Clinical Center for Cardiac Surgery and Transplantology, Taraz, Kazakhstan
08:45-08:50	Welcome Speech	**Makhabbat Bekbossynova** MD, PhD, Professor, Deputy Chair of the Board, University Medical Center Corporate Fund, Astana, Kazakhstan
08:50-09:00	Welcome Speech	**Yuriy Pya** MD, PhD, Academician of the National Academy of Sciences of the Republic of Kazakhstan, Chair of the Board, University Medical Center Corporate Fund, Astana, Kazakhstan
Plenary Session **Grand Ballroom (Hilton)** **09:00- 13:00** **Moderators: Jan Pirk, Yuriy Pya, Murat Sargin**		
09:00-09:15	Heart transplantations and mechanical circulatory support in IKEM	**Jan Pirk** Head of the Department of Cardiac Surgery, IKEM, Prague, Czech Republic
09:15-09:30	From Rescue to Interception: The Future of Advanced Heart Failure Care	**Mandeep R. Mehra (prerecorded)** MBBS, MSc, FRCP (London) The William Harvey Distinguished Chair in Advanced Cardiovascular Medicine Executive Director, Center for Advanced Heart Disease, Brigham Health Professor of Medicine, Harvard Medical School
09:30-09:45	Remodeling Surgery for Non-Obstructive Hypertrophic Cardiomyopathy as an Alternative to Heart Transplantation	**Sergey Dzemeshkevich** MD, Professor, Petrovsky Russian Research Center of Surgery, Moscow, Russia
09:45-10:00	VA ECMO: Tip and tick management and long-term outcome	**Pascal Leprince** Professor of Cardiac and Thoracic Surgery, Head of the Department of Cardiac and Thoracic Surgery, Pitié-Salpêtrière University Hospital, Sorbonne University, Paris, France
10:00–10:15	Advanced Heart Failure and Transplant- A Regional Perspective	**Feras Bader** MD, MS, MBA (Oxford) Professor of Medicine and Cardiology, Cleveland Clinic Lerner College of Medicine of Case Western Reserve University; Advanced Heart Failure and Transplantation; Chairman, Middle East Heart Academy, Abu-Dhabi, UAE
10:15–10:30	Cardiovascular Medicine at the Threshold of a New Era: Achievements, Challenges and the Future	**Yuriy Belenkov** Director of the Scientific and Educational Clinical Center, Director of the A.A. Ostroumov Clinic of Hospital Therapy, Head of the Department of Hospital Therapy No. 1, Corresponding Member of the Russian Academy of Sciences, Academician of the Russian Academy of Medical Sciences, Professor, MD, Moscow, Russia
10:30–10:45	China's Role in the Development of Cardiology.	**Guo Suxia** Head of the Department of Cardiovascular Medicine, Chief Physician, Associate Professor, The Tenth Affiliated Hospital of Southern Medical University (Dongguan People's Hospital), Dongguan, China
10:45–11:00	Advanced heart failure treatment: Turkish experience	**Murat Sargin** President of the Turkish Society of Cardiovascular Surgery. Consultant cardiac and vascular surgeon at Dr. Siyami Ersek Thoracic and Cardiovascular Surgery Training and Research Hospital (supported by Abbott)

11:00-13:00	**Moderators:** **Pascal Leprince, Timur Lesbekov**	
11:00-11:15	Putative CT Scan Negative Type A Aortic Dissection	**Salim Aziz, MD** Professor Clin. Cardiovascular Surgery George Washington University
11:15-11:30	Minimally invasive beating-heart tricuspid valve surgery using a novel cannula	**Diyar Saeed** Chief Physician, Clinic for Cardiac and Cardiovascular Surgery Director, Heart Center Niederrhein Helios Hospital Krefeld, Germany
11:30-11:45	From Bench to Bedside to Nowhere: Bridging the Gap Between Evidence-Based Medicine and Clinical Practice	**Hadi Skouri** MD.,FESC,FACC,FHFA,FHFSA Professor of clinical cardiology at Balamand University ,Beirut Lebanon Director of Heart Failure and cardio oncology services at Sheikh Shakhbout Meducal City, Abu Dhabi -UAE President of uAE ICOS chapter Executive board member HFA 2026-28
11:45-12:00	Trans atrial LVAD implantation - first experience and challenges	**Kestutis Rucinskas** Professor of Cardiac Surgery, Cardiac Surgeon, Head of the Centre of Cardiovascular Medicine, Vilnius University Hospital Santaros Klinikos, Vilnius, Lithuania
12:00-12:15	Advances in durable LVAD outcomes & impact of new guidelines	**Finn Gustafsson (prerecorded)** Professor of Cardiology, Rigshospitalet, Copenhagen University Hospital, Copenhagen, Denmark
12:15-12:30	Net Life Prolongation strategy for AHF patients	**Nir Uriel (prerecorded)** Professor of Medicine, Director of the Heart Failure, Heart Transplantation and Mechanical Circulatory Support Program, Columbia University Irving Medical Center, New York, USA
12:30-12:45	LVAD versus BiVAD: Clinical Selection and Application for treatment of advanced heart failure	**Zhou Cheng** Department of Cardiovascular and Thoracic Surgery, Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China
12:45-13:00	Development Trends of Artificial Hearts: A Brief Analysis from R&D and Clinical Application of "Rocket Heart"	**Liu Xiaocheng** MD, Chief Physician, Professor, Doctoral Supervisor; Party Secretary and President of TEDA International Cardiovascular Hospital (TICH), Tianjin, China
13:00-14:00	**Lunch**	
Parallel Session No. 1 **Astana hall (Hilton)** **Time 14.00-17.00** **Heart Failure 2026: The Next Chapter** **Moderators: Makhabbat Bekbossynova, Feras Bader**		
14:00-14:20	The Development of the Heart Failure Program in Kazakhstan: Establishment of a Multidisciplinary Heart Failure Service, LVAD Program, and Heart Transplantation	**Makhabbat Bekbossynova** MD, Professor, Deputy Chair of the Board, Corporate Fund “University Medical Center”, Astana, Kazakhstan
14:20-14:40	Compression of Morbidity with LVAD Therapy: A 2026 Update	**Milica Vukicevic** Senior Cardiologist, Cardiac Surgery Clinic, University Clinical Center of Serbia Harvey Scholar and Schiciano Fellow, Mass General Brigham and Harvard Medical School, Boston, MA, USA
14:40-15:00	The 35% Illusion: An Outdated Gatekeeper for ICD Therapy in the Modern Era	**Hadi Skouri** MD.,FESC,FACC,FHFA,FHFSA Professor of clinical cardiology at Balamand University ,Beirut Lebanon Director of Heart Failure and cardio oncology services at Sheikh Shakhbout Meducal City, Abu Dhabi -UAE President of uAE ICOS chapter Executive board member HFA 2026-28
15:00-15:20	**Coffee Break**	
Moderators: Feras Bader, Saltanat Jetybayeva		
15:20-15:40	Heart Failure 2026: One Patient - Different Phenotypes - One Unified Strategy	**Gulnar Zhussupova** MD, PhD, Professor, Research Institute of Heart Rhythm, Astana Medical University, Astana, Kazakhstan (Supported by AstraZeneca)
15:40-16:00	Metabolomic Profiling in Contemporary Cardiology	**Natalia Khabarova** PhD, Assistant Professor, Department of Hospital Therapy No. 1, N.V. Sklifosovsky Institute of Clinical Medicine, I.M. Sechenov First Moscow State Medical University, Ministry of Health of the Russian Federation, Moscow, Russia

16:00-16:20	Implementation of Heart Failure Guidelines in Real-World Practice	**Zviad Kipiani** Head of the Cardiovascular Department at Jerarsi Clinic and President of the Georgian Heart Failure Association, Tbilisi, Georgia
16:20-16:40	Cardiac Magnetic Resonance in Chronic Non-Ischemic Heart Failure	**Yasmin Rustamova** Associate Professor of Cardiology, Azerbaijan Medical University, Baku, Azerbaijan
16:40-17:00	The Heart Through the Lens of Genetics: Personalized Medicine in Cardiomyopathies and Heart Failure	**Elena Zaklyazminskaya** MD, Head of the Department of Clinical and Predictive Genetics, Petrovsky National Research Center of Surgery; Professor, Department of Medical Genetics, Research Centre for Medical Genetics, Moscow, Russia
17:00-17:20	**Discussion**	
Parallel Session No 2 **Meeting room №5+6 (Hilton)** **Time 15:20-17:30** **Atherosclerosis Session** **Moderators: Makhabbat Bekbossynova**		
15:20-15:25	Welcome Speech	**Makhabbat Bekbossynova** MD, Professor, Deputy Chair of the Board, Corporate Fund “University Medical Center”, Astana, Kazakhstan
15:25-15:45	Multi-Omics Technologies in Atherosclerosis	**Andrea Baragetti** Associate professor, Department of Pharmacological and Biomolecular Sciences “Rodolfo Paoletti”, University of Milan, Italy
15:45-16:05	Lp(a) in Clinical Cardiology	**Michal Vrablík (prerecorded)** Ph.D., Professor at the First Faculty of Medicine, Charles University, Prague, Czech Republic
16:05-16:25	IPrevent Digital Platform	**Amirkhan Yelzhanov** Executive Director IPrevent.kz, Almaty, Kazakhstan
16:25-16:45	Aortic Stenosis and Coronary Atherosclerosis: An Inseparable Duo?	**Sakhipzhamal Sabirova** Cardiologist, Cardiac Surgery Department, City Cardiology Center, Almaty, Kazakhstan
16:45-17:00	**Discussion**	
Parallel Session No 3 **Grand ballroom (Hilton)** **Time: 13:45-16:00** **Is Clinical Excellence Enough? Rethinking Modern Healthcare Session** **Moderators: Aigerim Abdiorazova, Aliya Sailybayeva**		
13:45-13:50	Welcome Speech	
13:50-14:00	Quality and Safety Culture: Moving from Compliance to Continuous Improvement	**Meruyert Saberbekova** Director of Quality Management Department, Corporate Fund “University Medical Center”, Astana, Kazakhstan
14:00-14:10	Pioneering Sustainable Healthcare: The UMC Experience	**Altynai Smailova** Director of Strategy Department, Corporate Fund “University Medical Center”, Astana, Kazakhstan
14:10-14:20	Artificial Intelligence in Academic Medicine: Leveraging Data to Improve Patient Care	**Syrymzhan Mavlenov** Director of Information Technology Department, Corporate Fund “University Medical Center”, Astana, Kazakhstan
14:20-14:30	Ethical Challenges in modern Biomedical Research	**Aruzhan Asanova** Chief manager of the Research Department, Corporate Fund “University Medical Center”, Astana, Kazakhstan
14:30-14:40	15 Years of people, Culture and Value	**Aizhan Ospanova** Director of the Department of Human Resources Development, Corporate Fund “University Medical Center”, Astana, Kazakhstan
14:40-14:50	Women in Science in Kazakhstan: Breaking Barriers, Shaping the Future	**Zhanerke Shaktybek** Chief manager of the Research Department, Corporate Fund “University Medical Center”, Astana, Kazakhstan
14:50-15:00	From Competencies to Trust. *Pilot Implementation of Entrustable Professional Activities in UMC Residency Training.*	**Alma Syzdykova** Director of Department of Education, Corporate Fund “University Medical Center”, Astana, Kazakhstan
15:00-15:10	Beyond clinical protocols	**Alina Yernazar** Chief manager of Department of Hospitality service, Corporate Fund “University Medical Center”, Astana, Kazakhstan
15:10-15:50	**Q/A**	
15:50-16:00	**Closing of the Session**	

Parallel Session No 4 **Meeting room №3 (Hilton)** **Time 14:00-17:00** **Cardiac Radiology Session** **Moderators:** **Tairkhan Dautov**		
14:00-14:20	CT Angiography as a Key Imaging Modality for Total Anomalous Pulmonary Venous Return	**Lazzat Bastarbekova** Master of Medicine, Head of the Radiology Department, University Medical Center Corporate Foundation, Astana, Kazakhstan
14:20-14:40	Computed Tomography in the Modern Diagnosis and Risk Stratification of Coronary Atherosclerosis in the Population of the Republic of Kazakhstan	**Elmira Yelshibayeva** PhD, Head of the CT and MRI Department, Medical Center Hospital of the Administrative Office of the President of the Republic of Kazakhstan, Astana, Kazakhstan
14:40-15:00	A Case-Oriented Approach to Comprehensive Assessment of Left Ventricular Myocardial Viability in Patients with Previous Myocardial Infarction Before Revascularization	**Assel Rakhmetova** Physician, Corporate Fund "University Medical Center", Astana, Kazakhstan
15:00-15:20	**Coffee Break**	
15:20-15:40	The Role of MRI in the Diagnosis of Left Ventricular Noncompaction Cardiomyopathy	**Tairkhan Dautov** MD, Professor, Director of the Clinical Academic Department of Radiology and Nuclear Medicine, Corporate Fund "University Medical Center", Astana, Kazakhstan
15:40-16:00	Diagnostic Value of CT Angiography in the Preoperative Assessment of Common Arterial Trunk: A Retrospective Single-Center Study	**Aigerim Ganieva** Physician, Radioisotope Diagnostics Unit, National Scientific Oncology Center, Astana, Kazakhstan
16:00-16:20	Comparative Analysis of CT Angiography and Echocardiography in the Diagnosis of Atrioventricular Septal Defect in Children	**Assel Almussina** Corporate Fund "University Medical Center", Astana, Kazakhstan
16:20-16:40	Improving Radiological Diagnostic Methods for Congenital Aortic Arch Anomalies in Young Children	**Zhanar Moldakhanova** Radiologist, Corporate Fund "University Medical Center", Astana, Kazakhstan
16:40-17:00	Advantages of Left Lateral Decubitus CT Angiography in the Diagnosis of TAPVR	**Bauyrzhan Kaliyev** Head of the Inpatient Radiology Department, Corporate Fund "University Medical Center", Astana, Kazakhstan
17:00-17:20	**Discussion**	
Parallel Session No. 5 **Main Conference Hall, Heart Center** **Time 14:00-19:00** **Structural Heart Disease Session "Interventional Treatment of Atrioventricular Valve Regurgitation"** **Moderators:** **Marat Aripov, Sergey Leontyev** (supported by Abbot)		
14:00-14:15	Review of Right Heart Anatomy Using a Real Heart Model	**Marat Aripov** Associated Professor of Cardiology, Heart Center, Corporate Fund "University Medical Center," Astana, Kazakhstan
14:15-14:30	Patient Selection for TriClip G4TM Transcatheter Edge-to-Edge Repair (T-TEER) of the Tricuspid Valve	**Aknur Kali** Physician, Heart Center, Corporate Fund "University Medical Center," Astana, Kazakhstan
14:30-14:45	An Interventional Cardiologist's Perspective on the Treatment of Atrioventricular Valve Regurgitation	**Sergey Leontyev** Professor, Director of cardiology hospital Helios, Leipzig, Germany (Supported by Abbott)
14:45-15:00	From M-TEER to T-TEER: What Do You Need to Know?	**Sergey Leontyev** Professor, Director of cardiology hospital Helios, Leipzig, Germany (Supported by Abbott)
15:15-16:00	M-TEER and T-TEER Technologies Using the SimuDry Simulation System	**Alibek Khairov** Therapy Specialist CIS Structural Heart Abbott Kazakhstan
16:00-19:00	Live-case: MitraClip G4TM Implantation Live-case: TriClip G4TM Implantation	**Marat Aripov, Abdurashid Mussayev, Sergey Leontyev**
19:00-22:00	**Gala Dinner**	

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Mechanical Circulatory Support (MCS) Session
Astana hall (Hilton)
Time 09:00-13:00
MCS Without Borders: Regional Experience in an International Context
Moderators: Diyar Saeed, Nail Khisamutdinov, Darkhan Suigenbayev, Svetlana Novikova

09:00-09:15	Less invasive LVAD implantation	**Diyar Saeed,** Chief Physician, Clinic for Cardiac and Cardiovascular Surgery Director, Heart Center Niederrhein Helios Hospital Krefeld, Germany
09:15-09:30	LVAD Therapy in End-Stage Heart Failure: Survival, Quality of Life, and Lessons from the Shymkent Heart Center Experience	**Darkhan Suigenbayev** Chairman of the Board Heart Center Shymkent, Shymkent, Kazakhstan
09:30-09:45	Debut Implantation of CorWave LVAS: Clinical and Hemodynamic Outcomes	**Svetlana Novikova** Head of Cardiac Surgery Department 2, University Medical Center, Astana, Kazakhstan
09:45-10:00	Impact of INTERMACS profile on clinical outcomes after Heart Mate 3 LVAD implantation	**Assel Medressova** PhD, Cardiac Surgeon, Corporate Fund “University Medical Center”, Astana, Kazakhstan
10:00-10:15	The Avanguard of Mechanical Circulatory Support: Developing Kazakhstan's Regional VAD Coordinator Network	**Nail Khisamutdinov** Head of the LVAD Service, Corporate Fund “University Medical Center”, Astana, Kazakhstan
10:15–10:30	Minimally Invasive LVAD Implantation: Experience in Implementing the Program in Zhambyl Region and Initial Clinical Outcomes	**Baglan Turtabayev** Scientific and Clinical Center of Cardiac Surgery and Transplantation, Taraz, Kazakhstan
10:30–10:45	Heart Transplantation - Our Way Forward	**Gulzhan Myrzakhmetova** Candidate of Medical Sciences, Head of Cardiology Department No. 1, Corporate Fund “University Medical Center”, Astana, Kazakhstan
10:45–11:00	Cognitive Profile as a Predictor of Complications After LVAD Implantation	**Aiym Sakhipova** Candidate of Medical Sciences, Neurologist, Corporate Fund “University Medical Center”, Astana, Kazakhstan
11:00-11:20	**Coffee Break**	
11:20-11:35	Mechanical Circulatory Support with LVAD: Experience of the Almaty Heart Center	**Raiymbek Baimbetov** City Cardiology Center, Almaty, Kazakhstan
11:35-11:50	The Role of MRI in the Assessment of RV Cardiomyopathies	**Yasmin Rustamova** Associate Professor of Cardiology, Azerbaijan Medical University, Baku, Azerbaijan
11:50-12:05	Right Ventricular Failure After LVAD Implantation: Can We Predict and Prevent It?	**Maksat Faizulla** Cardiac Surgeon, Corporate Fund “University Medical Center”, Astana, Kazakhstan
12:05-12:20	Cardiac arrest management in LVAD patients	**Assel Medressova** PhD, Cardiac Surgeon, Corporate Fund “University Medical Center”, Astana, Kazakhstan
12:20-12:35	The Future of Technology Today: LVAD Implantation in the Practice of the Research Institute of Cardiology	**Askhat Kudaibergen** Research Institute of Cardiology and Internal Medicine, Almaty, Kazakhstan
12:35-12:50	Redo Cardiac Surgery in LVAD Candidates: Challenges and Contemporary Solutions	**Shyryn Kenzhebekova** Cardiac Surgeon, Corporate Fund “University Medical Center”, Astana, Kazakhstan
12:50-13:00	From Patient Selection to Discharge: First Experience with HeartMate 3 (HM3) Implantation	**Nursan Surashev** Regional Cardiology Center, Taldykorgan, Kazakhstan
13.00-13.30	**Results of the Young Scientists Competition** **Astana hall (Hilton)** **Time: 13.00-13.30**	
13.30-14.00	**Lunch**	

Parallel Session No 1
Astana hall (Hilton)
Time: 14.00-17.00
Cardiac Surgery Session
Moderators: Timur Lesbekov, Yermagambet Kuatbayev

14:00-14:15	Experience of the City Cardiology Center in Establishing an “Aortic Pathology Center”	**Yermagambet Kuatbayev** Candidate of Medical Sciences, Chairman of the Board, City Cardiology Center, Almaty, Kazakhstan
14.15-14.30	Our Experience with the Epic Plus and Epic Max Valves	**Zaza Katsitadze (prerecorded)** MD, PhD, Head of Cardiac Surgery, Bokhua Memorial Cardiovascular Center, Tbilisi, Georgia (supported by Abbott)
14:45-15:00	Hypertrophic Cardiomyopathy: From Sarcomere Mutation to High-Tech Surgery	**Rustem Tuleutayev** MD, PhD, Associate Professor, Chairman of the Board, Research Institute of Cardiology and Internal Diseases, Almaty
15.20-15:15	Risk Factors for Adverse Outcomes of Surgical Treatment in Patients Undergoing Surgery for Acute Infective Endocarditis	**Karina Lebedeva** Cardiovascular Surgeon, Assistant Professor, Department of Hospital Surgery named after V. S. Mayat
15:15-15:30	Surgical Treatment of Cardiac Tumors: Our Center’s Experience	**Talgat Zhakiyev** Head of the Department of Cardiac Surgery, National Coordinating Center for Emergency Medicine
15:30-15:45	SEMA Clinic Experience: Single- and Multivessel Minimally Invasive Coronary Artery Bypass Grafting Using Different Surgical Techniques (141 Cases)	**Almaz Kiyabaev** MD, PhD Candidate, SEMA Clinic (legal entity: Burc Medical), Almaty
15:45-16:00	Genetics in Modern Cardiovascular Surgery	**Elena Zaklyazminskaya** MD, PhD, Head of the Department of Clinical and Predictive Genetics, Russian Research Center of Surgery named after Academician B.V. Petrovsky; Professor, Department of Medical Genetics, Research Centre for Medical Genetics, Moscow
16:00-16:15	Outcomes of Minimally Invasive Mitral Valve Repair: A Retrospective Analysis of 2015–2025	**Aigerim Yessenbekova** Cardiac Surgeon, Corporate Fund “University Medical Center”, Astana, Kazakhstan
16:15-16:30	The Modern Profile of a Patient Requiring CABG	**Daniyar Buleshov** Cardiac Surgeon, Heart Center Shymkent, Shymkent, Kazakhstan
16:30-16:45	Surgery for Post-Infarction Left Ventricular Aneurysm: Personalized Choice Between Reconstruction and Transplantation	**Galymzhan Sultanov** Cardiac Surgeon, Research Institute of Cardiology and Internal Diseases, Almaty
16:45-17:00	10 Years of the Pulmonary Thromboendarterectomy Program in Kazakhstan: Evolution of Surgical Experience	**Aigerim Kuzhakhmetova** Cardiac Surgeon, Corporate Fund “University Medical Center”, Astana, Kazakhstan
17:00-17:20	**Discussion**	
Parallel Session No 2 **Meeting room №5+6 (Hilton)** **Time 09:00-17:00** **Interventional Arrhythmology Session** **Moderators:** **Sergey Aivazyan, Nikolai Neminushchiy, Omirbek Nuralinov, Artur Abdymomunov, Yerlan Turubayev**		
09:00-09:30	Arrhythmia Care in the Republic of Kazakhstan: Current Status and Future Perspectives	**Ayan Abdrakhmanov (prerecorded)** MD, PhD, FESC, FEHRA, FHRS, MBA Head of the Heart Rhythm Center, National Coordinating Center for Emergency Medicine; Director, Research Institute of Heart Rhythm, Astana Medical University; President, Kazakhstan Society of Arrhythmologists; President, Silk Road Heart Rhythm Society. Astana, Kazakhstan
Management of Patients with Cardiac Rhythm Disorders		
09:30-09:45	Conventional Cardiac Resynchronization Therapy in the Era of Conduction System Pacing	**Nikolai Neminushchiy** MD, Professor, Department of Cardiovascular Surgery No. 2, Sechenov First Moscow State Medical University, Moscow, Russian Federation
09:45-10:00	Conduction System Pacing with Stylet-Driven Leads	**Artur Abdymomunov** Head of the Department of Interventional Arrhythmology and Electrophysiology Laboratory, Almaty City Cardiology Center, Almaty, Kazakhstan
10:00–10:15	Conduction System Pacing with Lumenless Leads	**Yerlan Turubayev** Interventional Cardiac Electrophysiologist, Corporate Fund "University Medical Center", Astana, Kazakhstan
10:15–10:30	Conduction system pacing with focus on UHF ECG	**Enes Elvin Gül** Cardiac Electrophysiologist, Necmettin Erbakan University, Istanbul, Turkey
10:30–11:40	**Discussion: Conduction system pacing**	

11:40-12:00	Redefining pacemaker implant landscape with Leadless	**Mousa Alharbi** Executive director, Cardiac service line Adult cardiac electrophysiologist Eastern Health Cluster Dammam, Eastern province, Saudi Arabia
12:00-12:20	Leadless Pacemaker Implantation: The UMC Experience	**Abay Bakytzhanuly** PhD, Interventional Cardiac Electrophysiologist, Corporate Fund "University Medical Center", Astana, Kazakhstan
12:20-12:40	Transvenous Lead Extraction	**Sergey Aivazyan** MD, PhD, Cardiovascular Surgeon, Cardiac Electrophysiologist, Clinical Hospital No. 1, Privolzhsky District Medical Center of the Federal Medical Biological Agency (FMBA of Russia), Nizhny Novgorod, Russian Federation
12:40-13:00	Rethinking Stroke Prevention in AF with WallNut LAAC: Right Patient, Right Fit & Complete Protection	**Ravinder Singh Rao, MD, DM, FACC** Chairman, RHL Heart Center Chief Interventional Cardiologist Head – Complex Angioplasty & TAVR Program Rajasthan Hospital, Jaipur, Rajasthan, India
13.00-14.00	**Lunch**	
14.00-17.00	**Cardiac electrophysiology** **Moderators: Domenico Della Rocca, Gaetano De Ferrari, Enes Elvin Gül, Omirbek Nuralinov, Adil Baimbetov**	
14:00-14:15	Pulse Field Ablation beyond AF	**Domenico Della Rocca** Heart Rhythm management Centre, Belgium, Brussel
14:15-14:30	Nanosecond Pulse field Ablation for paroxysmal atrial fibrillation	**Shuanglun Xie** Director of arrhythmia specialist at Sun Yat-sen Memorial Hospital of Sun Yat-sen University, Guangzhou, China
14:30-14:45	Advantages of multiloop PFA catheters in atrial fibrillation treatment	**Niu Xiaowei** Cardiology Department, The Heart Center of the First Hospital of Lanzhou University, Lanzhou, China
14:45-15:00	Focal PFA with Contact Force	**Chen Yanbo** Director of the Arrhythmia Department, Chief Physician , Master's Supervisor, Weifang, China
15:00-15:20	Pentaspline PFA	**Vedran Velagic** MD,PhD, Head of Arrhythmia Management University Hospital Centre Zagreb, Zagreb, HR
15:20-15:35	Dependence of Left Atrial Injury Morphology and Potential Complications on the Energy Source Used for Catheter Ablation of Atrial Fibrillation	**Darya Vorobyova** MD, Principal Training and Education Specialist Cardiac Ablation Solutions (CAS) & Affera, Medtronic EurAsia
15:35-15:50	Cryballoon Ablation for Atrial Fibrillation in the Era of Pulsed Field Ablation (PFA)	**Adil Baimbetov** PhD, Associate Professor, FESC, Head of the Department of Interventional Cardiology and Endovascular Surgery, A.N. Syzganov National Research Center for Surgery, Almaty, Kazakhstan
15:50-16:05	Neuromodulation for electric storm and malignant arrhythmias	**Gaetano Maria De Ferrari** Head of Cardiology, AOU Città della Salute e della Scienza, Torino Full Prof. of Cardiology, University of Torino, Torino, Italy
16:05-16:20	Radiofrequency Catheter Ablation for Atrial Fibrillation in the Era of Pulsed Field Ablation (PFA)	**Nurlan Yelemessov** Cardiovascular Surgeon, Cardiac Electrophysiologist, Multidisciplinary Hospital No. 2, Karaganda, Kazakhstan
16:20-16:35	Pentaspline PFA in Kazakhstan. UMC experience.	**Abay Bakytzhanuly** PhD, Interventional Electrophysiologist, Corporate Fund "University Medical Center," Astana, Kazakhstan
16:35-16:50	Radiofrequency Catheter Ablation of Ventricular Tachycardia in Patients with Reduced Left Ventricular Ejection Fraction and End-Stage Heart Failure: The UMC Experience	**Zhandos Yessilbayev** Interventional Electrophysiologist, Corporate Fund "University Medical Center," Astana, Kazakhstan
Parallel Session No 3 **Meeting room №3 (Hilton)** **Time 09:00-17:00** **Interventional Cardiology and Radiology Session** **Moderators: Abdurashid Mussayev, Suxia Guo, Sergey Leontyev**		
09:00-09:15	Evolution of the Structural Heart Disease Program in Kazakhstan: 15 Years of Progress and Future Directions	**Serik Alimbayev** MD, PhD, Corporate Fund "University Medical Center," Astana, Kazakhstan
09:15-09:30	TAVI in Bicuspid Aortic Valve: Optimizing Valve Selection, Implantation and Outcomes	**Yerkezhan Raissov** MBBS, MD, Corporate Fund "University Medical Center," Astana, Kazakhstan
09:30-09:50	Redo-TAVR (TAV-in-TAV): planning and exucation	**Gilbert Tang (prerecorded)** MD, MSc, MBA, Mount Sinai Hospital, New York, USA

09:50-10:10	TAVR-in-SAVR: Interventional Treatment for Degenerated Bioprosthesis — A Case Sharing	**Guangzhu Liang** Associate Chief Physician, Dongguan People's Hospital, Dongguan, China
10:10–10:30	Factors Influencing Long-Term TAVI Durability	**Sergey Leontyev** Professor, Director of cardiology hospital Helios, Leipzig, Germany (Supported by Abbott)
10:30-10:45	Thinking Beyond the Femoral Artery: A Transcaval TAVR Experience	**Aman Patel** MD, Apex Hospital, Ahmedabad, India
10.45-11.00	Optimizing Mitral TEER with MyClip: Strategy, Technology & Clinical Experience	**Dr. Ravinder Singh Rao, MD, DM, FACC** Chairman, RHL Heart Center Chief Interventional Cardiologist Head – Complex Angioplasty & TAVR Program
11:00-11:20	**Coffee Break**	
Moderators: Marat Aripov, Yongzhao Yao		
11:20-11:40	The Role of T-TEER in the Management of Patients with Tricuspid Regurgitation	**Sergey Leontyev** Professor, Director of cardiology hospital Helios, Leipzig, Germany (Supported by Abbott)
11:40-12:10	LIVE Case: Treatment of Patients with Large Annular Dimensions Using the 35 mm Navitor Vision Valve	**Ole De Backer (prerecorded)** MD, PHD, Heart Center Rigshospitalet, Copenhagen, Denmark
12:10-12:25	Current State of Mitral and Tricuspid Interventions in Japan	**Kentaro Hayashida (prerecorded)** Professor and Chair, Kansai Medical University, Kansai, Japan
12:25-12:40	TEER for Atrioventricular Valve Disease: Current Perspectives	**Aknur Kali** MD, Heart Center, Corporate Fund "University Medical Center," Astana, Kazakhstan
12:40-13:00	Successful Challenging MitraClip in Aged Patients with Giant Annulus	**Yongzhao Yao** M.D, Dongguan People's Hospital, Dongguan, China
13:00-14:00	**Lunch**	
Moderators: Marat Aripov		
14:00-14:20	Long-Term Outcomes of Endovascular Repair of Type B Aortic Dissection	**Timur Khafizov (prerecorded)** MD PhD, Republican Cardiology Center, Ufa, Russia
14:20-14:40	The Outcome of Surgical and Endovascular treatment Thoracic aorta aneurysm with aberrant right subclavian artery	**Marat Aripov** Associated Professor of Cardiology, Heart Center, Corporate Fund "University Medical Center," Astana, Kazakhstan
14:40-15:00	Management of Thoracic aortic Aneurysm with airway compression	**Alexey Goncharov** MD, PhD, Heart Center, Corporate Fund "University Medical Center," Astana, Kazakhstan
15:00-15:20	Endovascular Treatment of Thoracoabdominal Aortic Aneurysm: The First Case in Kazakhstan	**Victor Zemlyanskiy** MD, PhD, Mother and child center, Corporate Fund "University Medical Center," Astana, Kazakhstan
Moderators: Tejas Patel, Orazbek Sakhov		
15.20-15.40	Dealing with the Worst Nightmares in the Cath Lab	**Tejas Patel** M.D., D.M., F.A.C.C., M.S.C.A.I. Chairman & Chief Interventional Cardiologist, Apex Hospital, Ahmedabad, India
15.40-16.00	Artificial Intelligence in the Interventional Radiology Suite: From Data Archives to Everyday Clinical Practice	**Orazbek Sakhov** MD PhD, Almaty, Kazakhstan
16.00-16.20	DCB "leave nothing behind"	**Kaisar Alimbayev** MD, Heart Center, Corporate Fund "University Medical Center," Astana, Kazakhstan
16.20-16.40	DCB Registry: Real-World Clinical Experience	**Kuatzhan Abishev** MD National Coordination Center for Emergency Medicine, Astana, Kazakhstan
16.40-17.00	Imaging-Guided Treatment of in-stent restenosis in Acute Coronary Syndrome: The Role of IVUS and Intravascular Lithotripsy	**Baurzhan Aipov** MD, Almaty City Hospital, Kazakhstan
17.00-17.20	**Discussion**	
Parallel Session No. 4 **Main Conference Hall, Heart Center** **Time: 09.00-17.00** **Cardiac Anesthesiology and Intensive Care Session** **Moderators: Timur Kapyshev, Robertas Samalavicius**		
09:00-09:20	Welcome Speech. From Protocol to Outcome: How to Build a Quality System in Cardiac Anesthesiology and Intensive Care	**Timur Kapyshev** Chief Anesthesiologist of the Ministry of Healthcare of the Republic of Kazakhstan; Deputy Medical Director for Cardiac Anesthesiology, Corporate Fund "University Medical Center", Astana, Kazakhstan

09:20-09:40	ECMO for the postcardiotomy shock: insights from the PELS study	**Robertas Samalavicius** MD, PhD, Professor Department of Anesthesiology, Centre of Anesthesia, Intensive Care and Pain Management, Vilnius University Hospital Santaros Klinikos, Vilnius, Lithuania
09:40-10:00	Inflammation-Coagulation Crosstalk	**Mirjam Bachler** PhD, Division of Emergency Medicine and Intensive Care, Medical University of Innsbruck
10:00-10:20	Anicoagulation During ECMO	**Johannes Bösh** Division of Emergency Medicine and Intensive Care, Medical University of Innsbruck
10:20–10:40	Extracorporeal Hemocorrection in Modern Intensive Care and Resuscitation	**Bolat Bekishev** Candidate of Medical Sciences, Head of the Extracorporeal Blood Correction Laboratory, Corporate Fund “University Medical Center”, Astana, Kazakhstan
10:40–11:00	15 Years of Teamwork: The Journey of the Department	**Aidyn Kuanyshbek** Director of the Cardiac Anesthesiology and Intensive Care Department, Corporate Fund “University Medical Center”, Astana, Kazakhstan
11:00-11:20	**Coffee Break**	
11:20-11:30	Emergency Medicine: From System Organization to Clinical Outcomes	**Nurlan Smagulov** Head of the Department of Anesthesiology, Resuscitation and Intensive Care, National Coordination Center for Emergency Medicine, Astana, Kazakhstan
11:30-11:40	Regional Anesthesia in Cardiac Surgery	**Mikhail Vorontsov** Research Institute of Cardiology and Internal Medicine, Almaty, Kazakhstan
11:40-11:50	The Right Ventricle in Cardiac Surgery: Predict, Protect, Support	**Bekzhan Permenov** Head of the Department of Anesthesiology, Resuscitation and Intensive Care, Shymkent Heart Center, Shymkent, Kazakhstan
11:50-12:00	From Idea to System: The First Experience of Establishing a New Cardiac Intensive Care Unit in Astana	**Yerik Zuparov** Head of the Cardiac Intensive Care Department, City Hospital No. 1, Astana, Kazakhstan
12:00-12:10	The ECMO Program at Almaty Heart Center: Lessons from Clinical Practice	**Anton Zatsarinny** Head of the Department of Anesthesiology, Resuscitation and Intensive Care, City Cardiology Center, Almaty, Kazakhstan
12:10-12:20	Post-CPB Vasoplegia: When Is Vasopressin Needed?	**Asset Rakhimzhanov** Corporate Fund “University Medical Center”, Astana, Kazakhstan
12:20-12:30	Modern Modes of Mechanical Ventilation	**Bekaidar Zhakupbekov** Anesthesiologist-Resuscitator, Corporate Fund “University Medical Center”, Heart Center, Astana, Kazakhstan
12:30-12:40	CTEPH: What Should the Anesthesiologist Anticipate?	**Perizat Bukirova** Anesthesiologist-Resuscitator, Corporate Fund “University Medical Center”, Heart Center, Astana, Kazakhstan
12:40-12:50	Heparin-Induced Thrombocytopenia	**Dauren Ayaganov** Anesthesiologist-Resuscitator, Clinical Academic Department of Cardiac Anesthesiology and Intensive Care, Corporate Fund “University Medical Center”, Astana, Kazakhstan
12:50 - 13:00	Q/A	
13:00-14:00	**Lunch**	
14:00-14:10	Heparin Resistance During Cardiopulmonary Bypass	**Tatyana Li** PhD, Anesthesiologist-Resuscitator, Clinical Academic Department of Cardiac Anesthesiology and Intensive Care, Corporate Fund “University Medical Center”, Astana, Kazakhstan
14:10-14:20	Fast Track and ERAS Protocols in Cardiac Anesthesiology: The Path to Early Recovery	**Dinmukhamed Seidanov** Anesthesiologist-Resuscitator, Clinical Academic Department of Cardiac Anesthesiology and Intensive Care, Corporate Fund “University Medical Center”, Astana, Kazakhstan
14:20-14:30	The Role of Hemoadsorption in Cardiac Surgery: New Horizons in Extracorporeal Support	**Dariga Koichubayeva** Physician, Corporate Fund “University Medical Center”, Heart Center, Astana, Kazakhstan
14:30 - 14:40	**Q/A**	
14:40-15:00	**Coffee Break**	
	Workshop	

15:00-15:20	TEG/ROTEM-Guided Personalized Hemostatic Therapy	**Dauren Ayaganov /Asset Rakhimzhanov** Anesthesiologist-Resuscitator, Clinical Academic Department of Cardiac Anesthesiology and Intensive Care, Corporate Fund "University Medical Center", Astana, Kazakhstan
15:20-15:40	Mechanical Ventilation Strategies	**Bekaidar Zhakupbekov /Perizat Bukirova** Anesthesiologist-Resuscitator, Corporate Fund "University Medical Center", Heart Center, Astana, Kazakhstan
15:40-16:00	Hemodynamic Monitoring (Swan-Ganz Catheter)	**Aidyn Kuanyshbek** Director of the Clinical Academic Department of Cardiac Anesthesiology and Intensive Care, Anesthesiologist-Resuscitator, Highest Category, Corporate Fund "University Medical Center", Heart Center, Astana, Kazakhstan
16:00-16:20	POCUS in Cardiac Intensive Care	**Daulet Alzhanov** Anesthesiologist-Resuscitator, Clinical Academic Department of Cardiac Anesthesiology and Intensive Care, Corporate Fund "University Medical Center", Astana, Kazakhstan **Tatyana Li** PhD, Anesthesiologist-Resuscitator, Clinical Academic Department of Cardiac Anesthesiology and Intensive Care, Corporate Fund "University Medical Center", Astana, Kazakhstan
16:20-17:00	**Panel Discussion: The Future of Cardioanesthesiology and Intensive Care in Kazakhstan**	
Parallel Session No 5 **Grand Hall, Mother and Child Center** **Time 09.00-17.00** **Pediatric Cardiac Surgery Service Session** **Moderators: Dmitriy Gorbunov, Zhalil Sheyshenov, Tatyana Ivanova-Razumova**		
09:00-09:20	Welcome Speech	**Dmitriy Gorbunov, Zhalil Sheyshenov, Tatyana Ivanova-Razumova**
09:20-09:40	Pediatric Cardiac Surgery at UMC: Achievements of Three Five-Year Periods	**Dmitriy Gorbunov** Heart Center, CF "University Medical Center"; Chief Freelance Pediatric Cardiac Surgeon, Ministry of Healthcare of the Republic of Kazakhstan, Astana, Kazakhstan
09:40-10:00	Repair of Ebstein anomaly: current trends in life-long management	**Igor Konstantinov (prerecorded)** MD, PhD, Cardiovascular Surgery, Mayo Clinic,Rochester, Minnesota, USA
10:00-10:20	Minimally Invasive Approach to Tetralogy of Fallot Repair	**Ikromzhon Mukhamedov** MD, PhD, Head of Cardiac Surgery Department No. 1, Scientific and Clinical Center of Cardiac Surgery and Transplantation, Taraz, Kazakhstan
10:20-10:40	Atrial appendage in a pulmonary position in patients with Tetralogy of Fallot.	**Héctor Diliz Nava (prerecorded)** Pediatric cardiovascular surgeon at the Instituto Nacional de Pediatría and Centro Pediátrico del corazón ABC-Kardias, México City, Mexico.
10:40–11:00	Development and Advancement of Pediatric Cardiac Surgery Services in Kyrgyzstan	**Zhalil Sheyshenov** Director, Research Institute of Heart Surgery and Organ Transplantation under the Ministry of Health of the Kyrgyz Republic, Bishkek, Kyrgyzstan
11:00-11:20	**Coffee Break**	
11:20-11:40	Refractory Chylothorax Following Surgical Correction of Congenital Heart Defects in Children	**Evgeniy Zhuk (prerecorded)** Republican Scientific and Practical Center for Pediatric Surgery, Minsk, Belarus
11:40-12:00	New Treatment modality for Pulmonary Atresia with VSD and Collateral-Dependent Pulmonary Circulation	**Sherine Abedel-Salam (prerecorded)** Medical Director at the Al-Nas Hospital,Cairo, Egypt
12:00-12:20	Transcatheter Venus P-Valve Implantation for Pulmonary Valve Regurgitation Following Surgical Repair of Congenital Heart Disease	**Saule Kadirova** Interventional Cardiologist, Heart Center, Astana, Kazakhstan
12:20-12:40	Cone Reconstruction of the Tricuspid Valve for Ebstein Anomaly Using the Right Atrial Appendage	**Bakhytzhan Nurkeyev** MD, PhD, Head of the Department of Pediatric Cardiac Surgery, National Research Medical Center, Astana, Kazakhstan
12:40-13:00	Cardiac Surgery at the National Research Center for Mother and Child Health: A Session of Simultaneous Operations	**Galymzhan Utegenov** Heart Center, "University Medical Center"; Chief Freelance Pediatric Cardiac Surgeon, Ministry of Healthcare of the Republic of Kazakhstan, Astana, Kazakhstan
13:00-14:00	**Lunch**	
Moderators:Tatyana Ivanova-Razumova, Gulzhan Sarsenbayeva		
14:00-14:20	Pediatric Cardiology Service within a Cardiac Surgery Center: Results of 15 Years of Development	**Tatyana Ivanova-Razumova** MD, PhD, Director, Academic Department of Pediatrics, "University Medical Center," Astana, Kazakhstan

14:20-14:40	Experience with Kawasaki Disease at a national referral hospital in Mexico City.	**Itzel Estefani Rios Olivares (prerecorded)** Pediatric cardiologist and echocardiographer responsible for the cardiovascular follow-up of patients with Kawasaki disease at a tertiary-care hospital in Mexico City, Instituto Nacional de Pediatría, México City,Mexico.
14:40-15:00	Borderline Right and Left Ventricles: Assessment of the Potential for Biventricular Repair	**Aikerim Zhanatkyzy** Pediatric Cardiologist, Heart Center, Corporate Fund "University Medical Center", Astana, Kazakhstan
15:00-15:20	**Coffee Break**	
15.20-15.40	Heart Failure in Children: Current Diagnostic and Treatment Options	**Almira Baigalkanova** Head of Pediatric Cardiology Department, Heart Center, Corporate Fund "University Medical Center", Astana, Kazakhstan
15.40-16.00	A Life-Changing Journey: Long-Term Outcomes of Staged Surgical Treatment in Children with Congenital Heart Disease	**Gulzhan Sarsenbayeva** MD, PhD, Associate Professor, Institute of Surgery, Kazakh-Russian Medical University
16.00-16.20	Evolution of Surgical Treatment of Cardiac Arrhythmias in Children	**Vitaliy Kadochkin (prerecorded)** Cardiac Surgeon, Republican Scientific and Practical Center for Pediatric Surgery, Minsk, Belarus
16.20-16.40	Conduction System Pacing in Children	**Yerlan Turubayev** Interventional Arrhythmologist, Heart Center, Corporate Fund "University Medical Center", Astana, Kazakhstan
16.40-17.00	Prevention and Treatment of Thrombosis of Aortopulmonary Shunts in Children After Staged Congenital Heart Disease Repair	**Viktoria Nazarova (prerecorded)** Anesthesiologist and Intensivist, Republican Scientific and Practical Center for Pediatric Surgery, Minsk, Belarus
17.00-17.20	A Multimodal Approach to Analgesia After Pediatric Cardiac Surgery	**Elena Yudakova** Anesthesiologist and Intensivist, Heart Center, Corporate Fund "University Medical Center", Astana, Kazakhstan
17.20-17.40	Hemodiafiltration in the Treatment of Neonatal Sepsis in a Newborn with Critical Congenital Heart Disease: A Case Report	**Gulmira Zhauarova** Anesthesiologist and Intensivist, Heart Center, Corporate Fund "University Medical Center", Astana, Kazakhstan
17.40-18.00	**Discussion**	
Parallel Session No 6 **Conference Hall, Nazarbayev University School of Medicine** **Time 08.00-16.00** **Nursing Session** **Moderators: Sabina Kosmagambetova, Batyrzhan Zhunussov**		
8:00-08:40	**Registration**	
09:00-09:15	Welcome Speech	**Gulnur Nadirbekova** Director of the Department of Nursing, Corporate Fund "University Medical Center", Astana, Kazakhstan
09:15-09:25	Welcome Speech	**Askhat Tasbulatov** Deputy Director of Nursing,Corporate Fund "University Medical Center", Astana, Kazakhstan
09:25-09:40	Creating the Future of Perioperative Nursing	**Maral Shardenova** MBA, Senior Nurse, Operating Department with the Mechanical Circulatory Support Laboratory, Corporate Fund "University Medical Center", Astana, Kazakhstan
09:40-09:55	From First Steps to Advanced Technologies	**Tileuberdi Kuttybay** Bachelor of Nursing, Senior Nurse, Cardioanesthesiology, Resuscitation and Intensive Care Department, Corporate Fund "University Medical Center", Astana, Kazakhstan
09:55-10:10	Caring for Little Hearts	**Akdidar Amangeldiyeva** Bachelor of Nursing, Senior Nurse, Pediatric Cardiac Surgery Department, Corporate Fund "University Medical Center", Astana, Kazakhstan
10:10-10:20	**Master Classes:** **1) Sterile Field Setup: Modern Principles of Sterile Table Preparation** **2) Practical Gravimetric Assessment of Intraoperative Blood Loss: From Weighing to Calculation**	
10:20–10:35	«Ripple effect»	**Asyltas Eleuiz** Bachelor of Nursing, Chief Manager, Mechanical Circulatory Support Service, Corporate Fund "University Medical Center", Astana, Kazakhstan
10:35–10:50	Clinical and Educational Aspects of Nursing Support in Cardiac Surgery	**Aliya Ryspekova** MBA, Senior Nurse, Interventional Cardiology Department, Corporate Fund "University Medical Center", Astana, Kazakhstan
10:50–11:05	15 Years on the Invisible Front: How Infection Control Became Part of Every Operation	**Anna Goncharova** Director, Department of Epidemiological Control, Corporate Fund "University Medical Center", Astana, Kazakhstan
11:05-11:35	**Coffee Break. Medical Exhibition Area**	

11:35-11:50	From the City Cardiology Center to Heart Center Almaty: Results, Technologies and New Opportunities	**Saltanat Amirzhanova** Director, Department of Nursing, City Cardiology Center, Almaty
11:50-12:05	From Manual Work to the Digital Heart: The Evolution of Nursing in Shymkent	**Zhanar Satibaldiyeva** Director, Department of Nursing, Heart Center Shymkent
12:05-12:20	The Path of Systemic Transformation	**Galina Zaklitskaya** Master of Public Health, Senior Nurse, Admissions Department, Heart Center, Corporate Fund “University Medical Center”, Astana, Kazakhstan
12:20-12:30	**Masterclass: Basic Life Support (BLS) - Basic Cardiopulmonary Resuscitation**	
12:30-12:45	Experience and Challenges: The Modern Profile of a Cardiac Surgery Nurse	**Madina Rakhmetzhanova** Bachelor of Nursing, Senior Nurse, Cardiac Surgery Department No. 2, Corporate Fund “University Medical Center”, Astana, Kazakhstan
12:45-13:00	Preoperative Processing of Medical Devices in Cardiac Surgery: The Invisible Process That Protects Every Patient	**Elena Lorenzo Marfil** Barcelona, Spain; Official Member of the Spanish Society for Disinfection and Sterilization (SEDE); Official Representative of NasceCME, International Scientific and Educational Organization for Medical Device Processing and Infection Control, Brazil
13:00-14:00	**Lunch. Medical Exhibition Area**	
14:00-14:15	The Patient’s Voice as a Tool for Improving Healthcare: The System for Managing Complaints and Patient Requests at UMC	**Adlet Taiganov** Manager, Quality Management Department, Corporate Fund “University Medical Center”, Astana, Kazakhstan
14:15-14:30	Centralization of Pharmaceutical Processes: A Path to Improving the Quality and Safety of Pharmacotherapy	**Aidana Tussupbekova** Bachelor of Nursing, Senior Nurse, Clinical Pharmacy Department No. 2, Heart Center, Corporate Fund “University Medical Center”, Astana, Kazakhstan
14:30-14:45	Opportunities Arise Where There Is a Desire to Learn	**Zhadira Duysenbina** Bachelor of Nursing, Diagnostic Department Nurse, Heart Failure Clinic, Corporate Fund “University Medical Center”, Astana, Kazakhstan
14:45-15:00	Experience and Perspectives: UMC Center of Nursing Excellence	**Aisulu Ospanova** Bachelor of Nursing, Chief Manager of the Nursing Department, Heart Center, Corporate Fund “University Medical Center”, Astana, Kazakhstan
15:00-15:20	**QUIZ: “Time for an Intellectual Battle!”**	
15:20 -15:35	**Session Closing and Resolution**	
15:35-16:00	**Tour of UMC Clinical Departments**	