



Ministry of Healthcare of Kazakhstan
 European Heart Rhythm Association, World Society of Arrhythmia,
 Kazakh Society of Arrhythmologists, Silk Road Heart Rhythm Society,
 Astana Medical University, Medical Center Hospital of the Presidents Affairs Administration,

PROGRAM

Central Asia EP Summit - CardioRhythm

Astana, Kazakhstan / 17-18 October, 2024

VENUE

Concert hall of National Military-Patriotic Center of the Armed Forces,
 010000, Kazakhstan, Astana, Republic Avenue 2

Summit DIRECTORS

Jose Merino, Ali Oto,
 Ayan Abdrakhmanov

Faculty

EHRA, ESC Representatives

Jose Merino, Spain
 Michal Farkowski, Poland
 Laszlo Geller, Hungary
 Evgeny Lyan, Germany
 Josef Kautzner, Czechia
 Jacek Gajek, Poland

WSA Representatives

Ali Oto, Turkiye
 Yan Yao, China
 Thomas F. Deering, USA

SRHRS Representatives

Kurbanbek Kalysov, Kyrgyzstan
 Shuhrat Salahutdinov, Uzbekistan
 Abai Turdybaev, Kyrgyzstan
 Jamshid Sodikov, Uzbekistan
 Odil Saidolim, Tajikistan

Kazakh Representatives

Ayan Abdrakhmanov, Kazakhstan
 Adil Baimbetov, Kazakhstan
 Tatyana Ivanova-Razumova, Kazakhstan
 Kulzida Koshumbayeva, Kazakhstan
 Ulan Kabayev, Kazakhstan
 Nurlan Tlepov, Kazakhstan
 Aliya Smagulova, Kazakhstan
 Assel Chinybayeva, Kazakhstan
 Albert Abulkhassov, Kazakhstan
 Nurlan Elemesov, Kazakhstan
 Kenzhebek Bizhanov, Kazakhstan

Other Speakers

Mina K. Chung, USA
 Sergey Popov, Russia
 Gregory K. Feld, USA
 Hikmet Yorgun, Turkiye
 Oleg Sapelnikov, Russia
 Osman Can Yontar, Turkiye
 Aleksandr Romanov, Russia
 Mohammed Magdy, UAE
 Hoji Hasegava, Japan
 Nodir Zakirov, Uzbekistan
 Evgeny Mikhaylov, Russia
 Vitaliy Shabanov, Russia
 Yanis Dumpis, Latvia
 Mynzhylky Berdikhodzhaev, Kazakhstan
 Aliya Dzholdasbekova, Kazakhstan
 Gaukhar Igimbayeva, Kazakhstan
 Ainur Akilzhanova, Kazakhstan
 Saule Rakhimova, Kazakhstan
 Rustem Tuleutayev, Kazakhstan
 Andrey Orekhov, Kazakhstan

Day 1**17th October 2024 (Thursday)**

8:00 – 9:00	Registration	
Session 1		
Chairpersons: Jose Merino, Ali Oto, Akmaral Alnazarova, Alexey Tsoy, Kamalzhan Nadyrov, Rustam Albayev, Ayan Abdrakhmanov		
9:00 – 9:04	Welcome remarks	Akmaral Alnazarova
9:04 – 9:08	Welcome remarks	Alexey Tsoy
9:08 – 9:12	Welcome remarks	Jose Merino
9:12 – 9:16	Welcome remarks	Ali Oto
9:16 – 9:20	Welcome remarks	Kamalzhan Nadyrov
9:20 – 9:35	1 New 2024 ESC Guidelines on AFib	Jose Merino
9:35 – 9:50	2 When to refer for AF ablation ?	Ali Oto
9:50 – 10:05	3 Ablation of challenging AF (With the support of EverPace)	Yan Yao
10:05 – 10:20	4 Pulse Field Ablation - technology of the future?	Laszlo Geller
10:20 – 10:35	5 Top Highlights from the 2023 ACC/AHA/ACCP/HRS Guideline for the Diagnosis and Management of Atrial Fibrillation	Mina K. Chung
10:35 – 10:50	6 AF ablation in primary and secondary prevention of stroke	Michal Farkowski
10:50 – 11:00	Discussion	
11:00-11:30	<i>Coffee-Break</i>	
Session 2		
Chairpersons: Yan Yao, Laszlo Geller, Ainur Akilzhanova, Thomas F. Deering		
11:30 – 11: 45	1 Life-case in the box: LBBAP	Jacek Gajek
11: 45 – 12:00	2 Cardioneuroablation: progress in the treatment of bradyarrhythmias without pacing	Evgeny Mikhaylov
12:00 – 12:15	3 Bradyarrhythmias in children: experience is the son of difficult mistakes”	Tatyana Ivanova-Razumova
12:15 – 12:30	4 Approaching genetic testing in cardiac diseases	Ainur Akilzhanova
12:30 – 12:45	5 Criteria for selective and non-selective electrical stimulation of the His bundle	Ulan Kabayev
12:45 – 13:00	6 Conduction System Pacing: how to build most effective training program using high-fidelity medical simulation	Yanis Dumpis
13:00 – 14:00	Lunch	
Session 3		
Chairpersons: Jose Merino, Yanis Dumpis, Ulan Kabayev, Tatyana Ivanova-Razumova		
14:00 – 14:15	Life case: Translation from IKEM the X-ray operating room – PFA AFib Afera Medtronic	Operator: Josef Kautzner Moderator: Yanis Dumpis Ayan Abdrakhmanov
14:15 – 14:30	1 Peak frequency mapping: Something new besides activation and voltage for complex arrhythmias	Jose Merino
14:30 – 14:45	2 Can We Create Procedural and Clinical Arrhythmia Excellence? - Maximizing Success and Minimizing Complications.	Thomas F. Deering
14:45 – 15:00	3 Advances in conduction system pacing	Laszlo Geller
15:00 – 15:15	Life case: Translation from IKEM the X-ray operating room – PFA AFib Afera Medtronic - continue	Operator: Josef Kautzner Moderator: Yanis Dumpis Ayan Abdrakhmanov
15:15 – 15:45	4 Arrhythmia in children and adult: two sides of a coin	Sergey Popov

15:45 – 16:00	5 Tachyarrhythmias in children: traditions, trends and innovations	Tatyana Ivanova-Razumova
16:00 – 16:30	<i>Coffee-Break</i>	
Session 4		
Chairpersons: Sergey Popov, Michal Farkowski, Osman Can Yontar, Adil Baimbetov		
16:30 – 16:45	1 Ablation of arrhythmia in active cancer or cancer survivors	Michal Farkowski
16:45 – 17:00	2 New possibilities for cryoballoon ablation of AF	Oleg Sapelnikov
17:00 – 17:15	3 My ablation practice with True Force catheter (With the support of EverPace)	Osman Can Yontar
17:15 – 17:30	4 Modern and perspective technologies in the interventional treatment of atrial fibrillation	Aleksandr Romanov
17:30 – 17:45	5 Ablation of PVCs through the LA appendage	Kurbanbek Kalysov
17:45 – 18:00	6 Current approaches in Ischemic VT ablation	Hikmet Yorgun

Day 2 **18th October 2024 (Friday)**

Session 5		
Chairpersons: Ali Oto, Mohammed Magdy, Mynzhylky Berdikhodzhaev, Aliya Dzholdasbekova		
08:00 – 08:15	1 Mutations in ion channel genes in Kazakhstani patients with primary electric disorders	Saule Rakhimova
08:15 – 08:30	2 Highlights from the 2023 HRS/APHS/LAHS Guideline on Cardiac Physiologic Pacing for the Avoidance and Mitigation of Heart Failure	Mina K. Chung
08:30 – 08:45	3 Leadless Pacing: The State of the Art	Ali Oto
08:45 – 09:00	4 Device-Detected AF - Do Recent Trials Solve This Problem or Raise More Questions - Where Do We Go From Here?	Thomas F. Deering
09:00 – 09:15	5 New tool for Dual chamber Leadless pacemaker implantation	Mohammed Magdy
09:15 – 09:30	6 About the situation on the prevention of thromboembolic complications in patients with atrial fibrillation in Uzbekistan	Nodir Zakirov
09:30 – 09:45	7 Arrhythmias in neurosurgery patients	Mynzhylky Berdikhodzhaev
09:45 – 10:00	8 Features of an effective and safe strategy in the choice of antiarrhythmic therapy in the practice of a cardiologist	Gaukhar Igimbayeva
10:00 – 10:15	9 Difficult aspects of anticoagulant therapy in patients with AF	Aliya Dzholdasbekova
10:15 – 10:30	10 Peculiarities of arrhythmia management in pregnant	Aliya Smagulova
10:30 – 11:00	<i>Coffee-Break</i>	
Session 6		
Chairpersons: Nodir Zakirov, Kurbanbek Kalysov, Telman Seisembekov, Gaukhar Igimbayeva		
11:00 – 11:15	1 Total 3D EP mode with zero or nearly zero X ray: skill and tips	Yan Yao
11:15 – 11:30	2 Cryoballoon ablation of atrial fibrillation. What are the results? 10 years of experience from one center	Adil Baimbetov
11:30 – 11:45	3 Case in the box. Non PV triggers mapping and ablation	Evgenii Lyan
11:45 – 12:00	4 Robotic technologies in the treatment of incisional tachycardia in patients after correction of congenital heart defects	Aleksandr Romanov
12:00 – 12:15	5 Atrial fibrillation: what we are treating?	Abai Turdybaev

12:15 – 12:30	6 Real clinical practice in the choice of antithrombotic therapy at the outpatient stage - focus on the patient with atrial fibrillation	Gaukhar Igimbayeva
12:30 – 12:45	7 Cryoablation in patients with longstanding atrial fibrillation and rheumatic valve disease	Rustem Tuleutayev
12:45 – 13:00	8 Results of catheter ablation in patients with cardiac arrhythmias in Tajikistan	Odil Saidolim, Sharif Karimov, Ibragim Giesiev, Shamsidin Juraev
13:00 – 14:00	Lunch	
Session 7		
Chairpersons: Yan Yao, Oleg Sapelnikov, Nurlan Tlepov, Aliya Smagulova		
14:00 – 14:15	Life case: Translation from Ankara Hacettepe University Clinic the X-ray operating room – RFA Ischemic VT	Operator: Hikmet Yorgun Moderator: Sergey Popov, Ayan Abdrakhmanov
14:15 – 14:30	1 Antithrombotic therapy in patients with heart failure with and without atrial fibrillation	Hoji Hasegava
14:30 – 14:45	2 Advantages and disadvantages of cardioneuroablation	Jamshid Sodikov
14:45 – 15:00	3 Case in the box. VT ablation	Evgenii Lyan
15:00 – 15:15	4 Implantable device infections. Problems to be solved	Oleg Sapelnikov
15:15 – 15:30	5 Evolving ablation approaches for atrial fibrillation - RF versus PFA	Gregory K. Feld
15:30 – 15:45	6 Implantation of leadless pacemaker by alternative access	Albert Abulkhassov Nurlan Tlepov Ayan Abdrakhmanov
15:45 – 16:00	7 Radiofrequency ablation of atrial fibrillation using the High Power-Short Duration (HPSD) method: Experience from multidisciplinary hospital No. 2 in Karaganda	Nurlan Elemesov
16:00 – 16:30	<i>Coffee-Break</i>	
Session 8		
Chairpersons: Jacek Gajek, Aleksandr Romanov, Abai Turdybaev, Ayan Abdrakhmanov		
16:30 – 16:45	1 Long QT syndrome	Jamshid Sodikov
16:45 – 17:00	2 Stable Point Catheter - contact force and local impedance – double advantage (with the support of Boston Scientific)	Vitaliy Shabanov
17:00 – 17:15	3 Extraction of endocardial electrodes using a mechanical rotator. Prospects for using the technique in everyday practice	Kenzhebek Bizhanov
17:15 – 17:30	4 Current trends in the treatment of resistant arterial hypertension: the role of renal denervation	Ludmila Karazhanova, Andrey Orekhov
17:30 – 17:40	5 Competition Results of Yung EP	Kulzida Koshumbayeva
17:40 – 18:00	6 Current situation of arrhythmology service in Kazakhstan. Closing remarks	Ayan Abdrakhmanov

Day 2 Small conference room 18th October 2024 (Friday)

Session - Competition of Yung EP		
Chairpersons: Kulzida Koshumbayeva, Shuhrat Salahutdinov, Assel Chinybayeva		
08:00 – 08:15	1 Cryoballoon ablation of an abnormally located left atrial appendage in a patient with atrial fibrillation. Rare clinical case	Ayimgul Khamidulla, 1st year resident, research advisor: Baimbetov A.K. Department of Interventional Cardiology and Arrhythmology of the National Scientific Center for Surgery named after A.N. Syzganova
08:15 – 08:30	2 Radiofrequency Catheter ablation of WPW syndrome is a radical treatment method	Nurlybek Okhabekov, 1st year resident, research advisor: Baimbetov A.K. Department of Interventional Cardiology and Arrhythmology of the National Scientific Center for Surgery named after A.N. Syzganova
08:30 – 08:45	3 Leadless pacemaker as a new alternative to traditional pacemaker, our experience	Gaziza Kazhibekova, PhD student of AMU, research advisor: Ayan Abdrakhmanov
08:45 – 09:00	4 Implantable cardiac monitor in the practice of a cardiologist	Rano Kirkimbaeva, PhD student of AMU, research advisor: Ayan Abdrakhmanov
09:00 – 09:15	5 Sleep-disordered breathing and rhythm and conduction disorders	Akmaral Beisenbayeva PhD student of AMU, research advisor: Ayan Abdrakhmanov
09:15 – 09:30	6 Cardioneuroablation	Arslan Nurgaliev, 3rd year resident, research advisor: Ayan Abdrakhmanov
09:30 – 10:00	Discussion	

Master – classes: 15 – 16.10.2024

15.10.2024 – LBBAP – Jacek Gajek, Poland

16.10.2024 – TrueForce™ Contact Force Sensing Catheter Launch in Kazakhstan - Yan Yao, China (Sponsored by EverPace)

EHRA Representatives

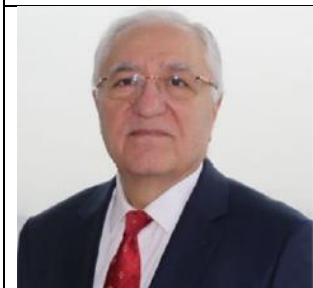
	<p>Prof. Jose Merino, MD, PhD, FESC, FEHRA.</p> <p>President of EHRA 2022-2024, Director of the Department of Arrhythmia and Robotic Electrophysiology of the University Hospital of La Paz, Madrid (Spain)</p>
	<p>Prof. Michal Farkowski, MD, PhD</p> <p>Head of Arrhythmia Unit Department of Cardiology, Ministry of Interior and Administration National Medical Institute, Warsaw, Poland Chair of the EHRA National Cardiac Societies Committee Chair of the External Affairs Committee Polish Cardiac Society (Poland)</p>
	<p>Prof. Laszlo Geller, MD, PhD, FESC</p> <p>Semmelweis University Heart and Vascular Center, President of Hungarian Arrhythmia Society, Budapest (Hungary)</p>
	<p>Prof. Evgeny Lyan, MD, PhD.</p> <p>Head of the Department of Electrophysiology of the Heart at the University Clinic of Schleswig-Holstein, Kiel (Germany).</p>
	<p>Prof. Josef Kautzner, MD, PhD, FESC</p> <p>Institute for Clinical and Experimental Medicine (IKEM), Prague (Czechia)</p>



Prof. **Jacek Gajek, MD, PhD**

Professor of Wroclaw Medical University, Wroclaw (Poland)

WSA Representatives



Prof. **Али Ото, MD, PhD, FESC, FHRS, FACC.**

President of WSA

Head of the Cardiology Department of the Memorial Hospital, Ankara (Turkiye)



Prof. **Yan Yao, MD, PhD, FHRS.**

Fuwei Hospital of Beijing United Medical College-Chinese Academy of Medical Sciences, National Center of Cardiovascular Diseases, Heart Arrhythmia Center, Beijing (China)



Prof. **Thomas F. Deering, MD, MBA**

Mark E. Silverman, M.D. Educational Chair
Clinical Associate Professor of Medicine: Medical College of Georgia
Chair: Cardiac Governance Council – Piedmont Healthcare
Chief Quality Officer – Piedmont Heart Institute
Chief: Arrhythmia Center – Piedmont Heart Institute, Atlanta (USA)

SRHRS Representatives



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Assoc.prof. **Shukhrat Salakhutdinov, MD, PhD**

Deputy Director National Children's Medical Center. Co-chairman of the Association of Interventional Cardiologists of the Republic of Uzbekistan Regular member international committee of European Association Percutaneous Intervention (EAPCI 2022-2026), Tashkent (Uzbekistan)



Abay Turdubaev, MD, PhD

Associate Professor of the Department of Cardiac Surgery and Radiology "MVShM", Head of the Department of X-ray Endovascular Surgery "NIIKHSTO", head of the project "School of Arrhythmology" Bishkek (Kyrgyzstan)



Dr. **Jamshid Sodikov, MD**

"Ezgu Niyat Multispecialty Medical Center" JS LLC, Cardiac Electrophysiologist, Tashkent (Uzbekistan)









Dr. **Odil Saidolim, MD**

"Republican Scientific Center for Cardiovascular Surgery (Tajikistan)

Kazakh Representatives

	<p>Prof. Ayan Abdrakhmanov, MD, PhD, DMSc, FESC, FEHRA, FHRS, MBA.</p> <p>Head of the Arrhythmology Center and Chief Arrhythmologist of the "Hospital of the Medical Center of the Presidential Administration", Head of the Department of Cardiology of the Astana Medical University, President of the Kazakh Society of Arrhythmologists, President of Silk Road Heart Rhythm Society Astana (Kazakhstan)</p>
	<p>Dr. Adil Baimbetov, MD, PhD.</p> <p>Head of the Department of Interventional Cardiology and Arrhythmology at JSC "National Scientific Center of Surgery named after A.N. Syzganov", Almaty (Kazakhstan)</p>
	<p>Dr. Tatyana Ivanova-Razumova, MD, PhD, MBA</p> <p>Director of CAD of pediatrics, "University Medical Center" Corporate Fund, Astana (Kazakhstan)</p>
	<p>Assoc. Prof. Kulzida Koshumbayeva, MD, PhD.</p> <p>Chief Researcher of JSC "Scientific Research Institute of Cardiology and Internal Diseases", Almaty (Kazakhstan)</p>
	<p>Prof. Ulan Kabayev, MD, PhD, DMSc.</p> <p>Head of the Arrhythmia Department, JCS "National Scientific Medical Center", Astana (Kazakhstan)</p>







	<p>Dr. Nurlan Tlepov, MD, PhD</p> <p>Director of Archimed clinic, Aktau (Kazakhstan)</p>
	<p>Assoc. Prof. Aliya Smagulova, MD, PhD.</p> <p>Head of the Internal disease Department with geriatric course of the Astana Medical University, Astana (Kazakhstan)</p>
	<p>Assoc. Prof. Assel Chinybayeva, MD, PhD</p> <p>Associate Professor of the Department of Cardiology of the Astana Medical University, Astana (Kazakhstan)</p>
	<p>Dr. Albert Abulkhassov, MD</p> <p>Arrhythmologist of Archimed clinic, Aktau (Kazakhstan)</p>
	<p>Dr. Nurlan Elemesov, MD</p> <p>Arrhythmologist of Multidisciplinary Hospital N2, Karaganda (Kazakhstan)</p>





	<p>Dr. Kenzhebek Bizhanov, MD</p> <p>Department of interventional cardiology and arrhythmology at JSC "National Scientific Center of Surgery named after A.N. Syzganov", Almaty (Kazakhstan)</p>
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Other Speakers	
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	<p>Prof. Mina K. Chung, MD, FHRS</p> <p>President-Elect of HRS Cleveland Clinic Department of cardiovascular Medicine, Heart, Vascular and Thoracic institute Department of cardiovascular and metabolic sciences, Lerner Research institute Cleveland clinic Lerner college of medicine of Case Western Reserve University (USA)</p>
	<p>Prof. Sergey Popov, MD, DMSc, academician of RAS</p> <p>Director of Cardiology Scientific Research Institute of Tomsk NRMC, Tomsk (Russia)</p>
	<p>Prof. Gregory K. Feld, MD</p> <p>Professor of medicine, Electrophysiology, Director CCEP program, UC San Diego School of Medicine. California (USA)</p>
	<p>Prof. Hikmet Yorgun, MD,</p> <p>Cardiology Department of Hacettepe University, Ankara, (Turkiye)</p>

	<p>Prof. Oleg Sapelnikov, MD, PhD, DMSc</p> <p>Head of the Laboratory of Surgical and Interventional Treatment of Cardiac Arrhythmias, National Medical Research Center of Cardiology named after Academician E.I. Chazov, Moscow (Russia)</p>
	<p>Prof. Osman Can Yontar, MD, PhD</p> <p>Department of Cardiology, Samsun University (Turkiye)</p>
	<p>Prof. Aleksandr Romanov, MD, DMSc, FESC, FEHRA, FHRS.</p> <p>Deputy Director for Scientific Work, Head of the Research Department of Heart Rhythm Disorders, National Medical Research Center named after. E.N. Meshalkina, Novosibirsk (Russia)</p>
	<p>Prof. Mohammed Magdy, MD</p> <p>Cardiology department, AI Qassimi hospital, Emirates Health Services, Sharjah (UAE)</p>
	<p>Prof. Hoji Hasegava, MD, PhD, FACC, FAHA, FAPSC</p> <p>Director, Division of Translational Research, National Hospital Organization (NHO) Kyoto Medical Center Leader, NHO Cardiovascular Clinical Research Network Visiting Professor, University of Shizuoka Clinical Professor, Faculty of Medicine, Kyoto University, Kyoto (Japan)</p>
	<p>Prof. Nodir Zakirov, MD, DMSc</p> <p>The head of arrhythmology department of Republican scientific and practical medical center, Tashkent (Uzbekistan)</p>

	<p>Prof. Evgeny Mikhaylov, MD, PhD, DMSc, FESC</p> <p>Dean of the Faculty of Postgraduate and Additional Education, Professor of the Department of Cardiovascular Surgery at the Institute of Medical Education, St. Petersburg (Russia)</p>
	<p>Prof. Vitaliy Shabanov, MD, PhD</p> <p>Head of the Department of Complex Heart Rhythm Disorders and Electrostimulation, National Medical Research Center named after. E.N. Meshalkina, Novosibirsk (Russia)</p>
	<p>Prof. Yanis Dumpis, MD, PhD</p> <p>Cath Lab Technologies T&E Leader, CEMA Region at Medtronic (Latvia)</p>
	<p>Dr. Mynzhylky Berdikhodzhaev, PhD, MBA</p> <p>Deputy Director of Surgery of the "Hospital of the Medical Center of the Presidential Administration", Astana (Kazakhstan)</p>
	<p>Prof. Aliya Dzholdasbekova, MD, PhD, DMSc</p> <p>Chief Cardiologist of the "Hospital of the Medical Center of the Presidential Administration", Astana (Kazakhstan)</p>
	<p>Prof. Gaukhar Igimbayeva, MD, PhD, EMBA.</p> <p>Director of the Karaganda branch of the "Heart Association of Kazakhstan", Director of the clinic "Zhusan med", Karaganda (Kazakhstan)</p>

	<p>Prof. Ainur Akilzhanova, MD, PhD, DSci</p> <p>Chief Research Scientist Head of the Laboratory of Genomic and Personalized Medicine. Acting Director, Center for Life Sciences National Laboratory Astana Nazarbayev University Astana (Kazakhstan)</p>
	<p>Assoc. Prof. Saule Rakhimova, MD, PhD</p> <p>Leading Research Scientist Laboratory of Genomic and Personalized Medicine Center for Life Sciences National Laboratory Astana Nazarbayev University, Astana (Kazakhstan)</p>
	<p>Dr. Rustem Tuleutayev, MD, PhD</p> <p>The head of cardiac surgery department in Scientific research institute of cardiology and internal diseases, Almaty (Kazakhstan)</p>
	<p>Dr. Andrey Orekhov, MD, PhD</p> <p>Assistant of therapy department of Semey medicina university, Semey (Kazakhstan)</p>

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