



European Heart Rhythm Association
Kazakh Society of Arrhythmologists
Astana Medical University



AGENDA

EHRA in Kazakhstan Course

Cardiac arrhythmia management and cardiac electrophysiology for cardiologists

Astana, Kazakhstan/13-14 October, 2023

Venue

Medical Center Hospital of the Presidents Affairs Administration,
010000, Astana, 80 Mangilik El Avenue.

COURSE DIRECTORS

Rustam Albaev, Jose Merino,
Kamalzhan Nadyrov, Ayan Abdrakhmanov

Faculty

EHRA and International Representatives	Kazakh Representatives
Jose Merino Spain	Ayan Abdrakhmanov
Dhiraj Gupta England	Alexey Tsoy
Francesco Zanon Italy	Kamalzhan Nadyrov
Evgeny Lyan Germany	Rustam Albayev
Jacek Gajek Poland	Adil Baimbetov
Ali Oto Turkey	Mynzhylky Berdikhodzhaev
Evgeny Mikhaylov Russia	Aliya Dzholdasbekova
Yan Yao China	Ainur Akilzhanova
Petr Neuzil Czech	Kulzida Koshumbayeva
Farid Aliyev Azerbaijan	Gaukhar Igimbayeva
Roin Rekvava Georgia	Amina Rakisheva
Oleg Sapelnikov Russia	Elmira Yelshibayeva
Osman Can Yontar Turkey	Ulan Kabayev





Abai Turdubaev Kyrgyzstan	Idalia Rakhimova
Shukhrat Salakhutdinov Uzbekistan	Tatyana Ivanova-Razumova
Kurbanbek Kalysov Kyrgyzstan	Azhar Nugmanova
	Aliya Smagulova

13th October 2023 (Friday)

8:00 – 9:00	Registration	
Session 1		
Chairpersons: Alexey Tsoy, Jose Merino, Kamalzhan Nadyrov, Rustam Albayev, Ayan Abdrakhmanov		
9:00 – 9:05	Welcome remarks	Alexey Tsoy
9:05 – 9:10	Welcome remarks	Jose Merino
9:10 – 9:15	Welcome remarks	Kamalzhan Nadyrov
9:15 – 9:40	ESC 2022 Recommendations for VT and SCD: what do I like the most?	Jose Merino
9:40 – 10:00	Can catheter ablation be a first-line therapy for structural VT?	Yan Yao
10:00 – 10:20	Functional VT mapping	Evgeny Lyan
10:20 – 10:40	Peak frequency mapping: Something new besides activation and voltage for complex arrhythmias	Jose Merino
10:40 – 11:10	<i>Coffee-Break</i>	
Session 2		
Chairpersons: Dhiraj Gupta, Evgeny Lyan, Yan Yao, Aliya Dzholdasbekova		
11:10 – 11:30	Life-case in the box: High-Power Short-Duration Radiofrequency Application	Dhiraj Gupta
11:30 – 11:50	Genomic discoveries at the heart of cardiovascular diseases	Ainur Akilzhanova
11:50 – 12:10	Mechanisms of atrial tachycardia: diagnosis, mapping and ablation	Evgeny Lyan
12:10 – 12:30	Atrial isolated amyloidosis	Aliya Dzholdasbekova
12:30 – 13:00	Pulsed Field Ablation: is the hype justified?	Dhiraj Gupta
13:00 – 14:00	<i>Lunch</i>	
Session 3		
Chairpersons: Ali Oto, Francesco Zanon, Jacek Gajek, Adil Baimbetov		
14:00 – 14:20	EHRA clinical consensus statement on conduction system pacing implantation: endorsed by the Asia Pacific Heart Rhythm Society (APHRs), Canadian Heart Rhythm Society (CHRS), and	Francesco Zanon



	Latin American Heart Rhythm Society (LAHRS)	
14:20 – 14:40	Life-case in the box: Physiologic stimulation - LBBAP	Jacek Gajek
14:40 – 15:00	Life-case in the box: His-pacing without fluoroscopy	Francesco Zanon
15:00 – 15:20	Bidirectional interaction between atrial fibrillation and heart failure	Ali Oto
15:20 – 15:40	Comparison of the effectiveness of Cryoablation and Surgical ablation of AF	Adil Baimbetov
15:40 – 16:00	Diagnostic capabilities of MSCT of heart pathologies	Elmira Yelshibayeva
16:00 – 16:20	Innovation technologies in ICD therapy: what's new in 2023	Azhar Nugmanova
16:20 – 17:00	<i>Coffee-Break</i>	
Session 4 Abbott Symposium Chairpersons: Ayan Abdrakhmanov, Petr Neuzil, Roin Rekvava		
17:00 – 17:15	Ensite X and contemporary mapping methods	TBD
17:15 – 17:30	Advantages of Amplatzer Amulet by LAA as a prevention of stroke for patients with Atrial Fibrillation	Roin Rekvava
17:30 – 17:45	Necessity and advantages of remote monitoring for patients treatment and follow-up	TBD
17:45 – 18:00	Aveir – breakthrough technology of Abbott leadless pacemakers	Petr Neuzil

14th October 2023 (Saturday)

Session 5 Chairpersons: Ali Oto, Mynzhylky Berdikhodzhaev, Osman Can Yontar, Ulan Kabayev		
8:30 – 8:50	Best practices in performing PFO closure and post-procedure care	Ali Oto
8:50 – 9:10	Universality as a criterion for choosing a POAC	Gauhar Igimbayeva
9:10 – 9:30	Treatment of cerebrovascular pathology on the background of atrial fibrillation and anticoagulant therapy	Mynzhylky Berdikhodzhaev
9:30 – 9:50	AF and CHF	Amina Rakisheva
9:50 – 10:10	Life-case in the box: Cryoablation of atrial fibrillation	Ayan Abdrakhmanov Rinat Khamiev Shalkar Smagulov



10:10 – 10:30	Diagnosis of AF using remote monitoring	Idalia Rakhimova
10:30 – 10:50	Mapping experience with the Columbus 3D navigation system	Osman Can Yontar
10:50 – 11:10	The use of etacizine in patients with AF	Ulan Kabayev
11:10 – 11:40	<i>Coffee-Break</i>	
Session 6		
Chairpersons: Farid Aliyev, Tatyana Ivanova-Razumova, Oleg Sapelnikov, Kurbanbek Kalysov		
11:40 – 12:00	Lead Extraction solutions: what, where and when?	Oleg Sapelnikov
12:00 – 12:20	Ablation of the stellate ganglion in VT	Farid Aliyev
12:20 – 12:50	Our experience of pediatric interventional arrhythmology	Tatyana Ivanova-Razumova
12:50 – 13:10	Electroporation is an evolution or revolution in the treatment of AF. The first experience of electroporation in Kyrgyzstan.	Kurbanbek Kalysov
13:10 – 14:30	<i>Lunch</i>	
Session 7		
Chairpersons: Ayan Abdrakhmanov, Kulzida Koshumbayeva, Shukhrat Salakhutdinov, Abai Turdubayev		
14:30 – 14:50	Modern technologies of mapping and ablation of ventricular tachycardia substrate	Evgeny Mikhaylov
14:50 – 15:10	Cardioresynchronizing therapy for ischemic cardiomyopathy	Shukhrat Salakhutdinov
15:10 – 15:30	Indications for catheter ablation in children	Abai Turdubayev
15:30 – 15:50	Rhythm disturbances in pregnant women	Aliya Smagulova
15:50 – 16:30	<i>Coffee-Break</i>	
16:30 – 17:30	<i>Meeting of the Kazakh Society of Arrhythmologists (The current state of the arrhythmological service in Kazakhstan)</i>	
	Closing remarks	Ayan Abdrakhmanov



EHRA and International Representatives	
Prof. Jose Merino, MD, PhD, FESC, FEHRA.	President of EHRA 2022-2024, Director of the Department of Arrhythmia and Robotic Electrophysiology of the University Hospital of La Paz, Madrid (Spain)
Prof. Dhiraj Gupta, MD, DM, FESC, FRCP, FACC	Consultant Cardiologist and Electrophysiologist Liverpool Heart and Chest Hospital, Honorary Professor of Cardiology, Faculty of Health and Life Sciences, University of Liverpool (England)
Prof. Francesco Zanon, MD, FESC, FEHRA, FHRS, FANMCO, FAIAC	Director Complex Operating Unit of Cardiology Santa Maria della Misericordia Hospital in Rovigo, San Luca Hospital in Trecenta, Santa Maria Regina degli Angeli Hospital in Adria AULSS 5 Polesana, Rovigo (Italy)
Prof. Али Ото, MD, PhD, FESC, FHRS, FACC.	Head of the Cardiology Department of the Memorial Hospital, Ankara (Turkie)
Evgeny Lyan, MD, PhD.	Head of the Department of Electrophysiology of the Heart at the University Clinic of Schleswig-Holstein, Kiel (Germany).
Prof. Evgeny Mikhaylov, MD, PhD, DMSc, FESC	Deputy Director of the Heart and Vascular Institute for Scientific Work of the Almazov National Medical Research Center, St. Petersburg (Russia)
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. Petr Neužil, MD, CSc., FESC	Head of Cardiology Department of the Homolce Hospital, Prague (Czech)
Oleg Sapelnikov, MD, PhD, DMSc	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)
Prof. Dr. Osman Can Yontar	Heart Rhythm Specialist/Electrophysiologist, Samsun University Faculty of Medicine (Turkie)
Roin Rekvava, MD, PhD.	Chief of Heart Rhythm Management and Electrophysiology Department, American Hospital, President of Silk Road Heart Rhythm Society, Tbilisi (Georgia)
Prof. Jacek Gajek, MD, PhD	Professor of Wroclaw Medical University, Wroclaw (Poland)



Assoc.prof. Farid Aliyev, MD, PhD.	Head of the Arrhythmology Department of the Heart Center of the Central Clinical Hospital in Baku (Azerbaijan)
Kurbanbek Kalysov, MD, PhD	Head of the Arrhythmia Interventional Treatment Group, National Center for Cardiology and Therapy, Bishkek (Kyrgyzstan)
Assoc.prof. Shukhrat Salakhutdinov, MD, PhD	Head of Department of Angiography of the Republican Scientific Center for Emergency Care, Interventional Cardiology Consultant Ministry of Health of the Republic of Uzbekistan, 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)

Representatives of Kazakhstan	
Prof. Ayan Abdrakhmanov, MD, PhD, DMSc, FESC, FEHRA, FHRS, MBA.	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 Medical University, President of the Kazakh Society of Arrhythmologists, Astana
Alexey Tsoy, MD, PhD, MBA	Director of the Medical Center of the Presidential Administration, Astana
Rustam Albayev, MD, PhD, MBA	Director of the "Hospital of the Medical Center of the Presidential Administration", Astana
Kamalzhan Nadyrov, MD, PhD, MBA	Rector of the Medical University, Astana
Mynzhylyk Berdikhodzhaev, MD, PhD, MBA	Deputy Director of Surgery of the "Hospital of the Medical Center of the Presidential Administration", Astana
Aliya Dzholdasbekova, MD, PhD, DMSc.	Chief Cardiologist of the "Hospital of the Medical Center of the Presidential Administration", Astana
Assoc.prof. Kulzida Koshumbayeva, MD, PhD.	Chief Researcher of JSC "Research Institute of Cardiology and Internal Diseases", Almaty.
Adil Baymbetov, MD, PhD.	Head of the Department of Interventional Cardiology and Arrhythmology at JSC "National Scientific Center of Surgery named after A.N. Syzganov", Almaty.
Prof. Ainur Akilzhanova, MD, PhD, DMSc	Chief Research Scientist, Head of Genomic and Personalized Medicine Center Laboratory for Life



	Sciences, Astana National Laboratory of Nazarbayev University, Astana, Kazakhstan.
Tatyana Ivanova-Razumova, MD, PhD, MBA	Medical Director of JCS "National Research Cardiac Surgery Center", Astana
Amina Rakisheva, MD, PhD.	Head of the Cardiology Department at JCS "Research Institute of Cardiology and Internal Diseases", Almaty.
Prof. Gauhar Igimbayeva, MD, PhD, EMBA.	Director of the Karaganda branch of the "Heart Association of Kazakhstan", Director of the "Clinic Miras", Karaganda
Prof. Ulan Kabaev, MD, PhD, DMSc.	Head of the Arrhythmia Department, JCS "National Scientific Medical Center", Astana
Elmira Yelshibayeva, MD, PhD.	Head of the Radiology Department of the Hospital of the Medical Center of the Presidential Administration, Astana
Idalia Rakhimova, MD, PhD.	Medical University, Emergency Hospital, Semey
Assoc. Prof. Aliya Smagulova, MD, PhD.	Medical University, Astana
Assoc. Prof. Azhar Nugmanova, MD, PhD.	Education Specialist, CRM & CDS & CAS CEMA Region at Medtronic, Almaty

Sponsors

Platinum	Abbott
Gold	Medtronic
Silver	Biotronik
Bronze	Boston Scientific Microport OlineFarm TND Kruana Abdi Ibrahim

Master classes 11-12.06.2023:

High-Power Short-Duration Radiofrequency Ablation	Dhiraj Gupta
LBBAP and Rivacor7DR-T/CLS	Jacek Gajek
His pacing without fluoro	Francesco Zanon
Cryoablation of AF	Ayan Abdrakhmanov