**УТВЕРЖДЕНО**

Директор Департамента

международного сотрудничества и интеграции

Министерство здравоохранения Республики Казахстан

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Муханова Г.Ж.

«\_\_\_\_\_\_» \_\_\_\_\_\_\_\_\_\_\_\_\_\_ 20\_\_\_г.

**27 КОНГРЕСС ВСЕМИРНОЙ АССОЦИАЦИИ КАРДИОВАСКУЛЯРНЫХ**

**И ТОРАКАЛЬНЫХ ХИРУРГОВ**

**ПРОЕКТ ПРОГРАММЫ**

**Астана, 1 -3 сентября, 2017**



|  |  |  |  |
| --- | --- | --- | --- |
| Time | **Session Name** | **Room** |  |
| **1 September, Friday** | | | |
| 07:00-10:00 | Registration |  |  |
| 10:00-10:30 | PLENARY SESSION 1  **“Thoracic Surgery”** |  |  |
| 10:00-12:00 | PLENARY SESSION 2  **“Cardiac Surgery”** |  |  |
| 10:00-13:00 | SESSION 3  **“The 2nd Congress of electrophysiology and cardiac pacing”** |  |  |
| 09:00-15:00 | SESSION 4  **Workshop for Medical Nurses** |  |  |
| 15:00-17:00 | **Opening ceremony** |  |  |
| **2 September, Saturday** | | | |
| 08:00-11:30 | SESSION 5 **“Heart Failure”** |  |  |
| 08:00-08:45 | SESSION 6 **“Lung cancer” with ISMICS** |  |  |
| 08:00-10:00 | SESSION 7  **“Anesthesia and Intensive Care”** |  |  |
| 08:00-08:15 | SESSION 8 “**Vascular surgery”** |  |  |
| 08:00-08:45 | SESSION 9  **“Interventional cardiology”** |  |  |
| 08:00-12:15 | SESSION 10 “**ECMO”** |  |  |
| 14:30-16:15 | SESSION 11 “**TAVI” and Training village** |  |  |
| 14:30-15:00 | SESSION 12  **“Surgery of Pulmonary Hypertension”** |  |  |
| 14:30-16:15 | SESSION 13 **“Esophagus surgery» with ISMICS** |  |  |
| 14:30-17:15 | SESSION 14  “**Aortic and** **Mitral Valve Surgery”** |  |  |
| 09:45-16:15 | SESSION 15  **“Pediatric Cardiology and Cardiac Surgery”** |  |  |
| 08:00-18:40 | SESSION 16 **“The 2nd Congress of electrophysiology and cardiac pacing”** |  |  |
| 19:00 | GALA dinner |  |  |
| **3 September, Sunday** | | | |
| 08:00-09:45 | SESSION 17  “**Bypass Grafting”** |  |  |
| 08:00-09:00 | SESSION 18  “**Thoracic surgery” with ISMICS** |  |  |
| 08:00-18:30 | SESSION 19  **“The 2nd Congress of electrophysiology and cardiac pacing”** |  |  |
| 08:00-09:00 | SESSION 20 **“Sport rehabilitation”** |  |  |
| 08:00-09:15 | SESSION 21  “**Health Care management ”** |  |  |
| 10:00-11:00 | SESSION 22  “**Aortic Surgery”** |  |  |
| 10:00-12:15 | SESSION 23  “**Cardiology”** |  |  |
| 10:00-12:15 | SESSION 24 “**Radiology”** |  |  |
|  | **Closing ceremony** |  |  |

**25-31 August**

**Live cases “Pediatric Cardiology and Cardiac Surgery”**

***“SURGICAL CORRECTION OF RESIDUAL CONDITIONS AFTER HEART SURGERIES ON CHILDREN”***

Dr. Gerhard Ziemer

The University of Chicago Medical Center, USA

***“TREATMENT AFTER VALVE IMPLANTATION OF PULMONARY ARTERY”***

Dr. Frank Ing

Children's Hospital Los Angeles, USA

***“SURGICAL TREATMENT OF CORRECTED TRANSPOSITION OF GREAT VESSELS (PART 2)”***

Dr. George Frenkel

Schneider Children's Medical Center, Israel

**31 August**

**Live cases “Cardiac Surgery”**

**“*CANULATION FOR ECMO*”**

Dr. Timur Lesbekov

Gasthuisberg University Hospital, Belgium

***“ANASTOMOTIC SKILLS LAB”***

Dr. Paul Sergeant

Gasthuisberg University Hospital, Belgium

**“*MITRAL VALVE REPAIR SKILLS LAB”***

Dr. Paul Sergeant

Gasthuisberg University Hospital, Belgium

**“*AORTIC SKILLS LAB”***

Dr. Paul Sergeant

Gasthuisberg University Hospital, Belgium

**Master classes “Surgery of Arrhythmias”**

***“CRYOBALON ABLATION OF ATRIAL FIBRILLATION WITH MINIMAL FLUOROSCOPY”***

Dr James Reiss

Peace Health Southwest medical center, USA

Dr. Ayan Abdrakhmanov

National Research Center for Cardiac Surgery, Kazakhstan

Omirbek Nuralinov

National Research Center for Cardiac Surgery, Kazakhstan

**“*EXTRACTION OF ENDOCARDIAC ELECTRODES”***

Dr. Christian Wolman

University Heart Center, Austria

Dr. Ayan Abdrakhmanov

National Research Center for Cardiac Surgery, Kazakhstan

Dr. Azat Tursynbekov

National Research Center for Cardiac Surgery, Kazakhstan

**“*IMPLANTATION WITHOUT ELECTRODE CARDIAC PACEMAKER”***

Dr. Faisal

King Fahd Medical City – King Salman Heart Center Riyadh, Saudi Arabia

Dr. Ayan Abdrakhmanov

National Research Center for Cardiac Surgery, Kazakhstan

Dr. Abay Bakytzhanuly

National Research Center for Cardiac Surgery, Kazakhstan

**Live cases “Surgery of Arrhythmias”**

***“IMPLANTATION OF THE LEFT VENTRICLE ELECTRODE”***

Dr. Omirbek Nuralinov

National Research Center for Cardiac Surgery, Kazakhstan

***“TRANSSEPTAL PUNCTURE”***

Dr. Alikhan Baidauletov

National Research Center for Cardiac Surgery, Kazakhstan

**1 September**

07:00-10:00 Registration

**15:00 – 17:00 OPENING CEREMONY**

15:00-15:15 Welcome speech of The President of Republic of Kazakhstan (Mr. Nursultan Nazarbayev)

15:15-15:30 Welcome speech of Minister of Health of Republic of Kazakhstan (Mr. Elzhan Birtanov)

15:30-15:45 Welcome speech of Chancellor, WSCTS (Dr. Stuart Jamieson)

15:45-16:00 Welcome speech of Prof. Vipin Zamvar Introduction to

President of WSCTS

16:00-16:15 Presidential Address WSCTS (Mr. Robert Kleinloog)

16:15-16:30 Welcome speech of ISMICS (Dr. Johannes Bonatti)

16:30-16:45 Welcome speech of Chairman WSCTS 2017 (Dr. Yuriy Pya)

16:45-17:00 Welcome speech of Chairman WSCTS 2018

17:00-17:15 Guest Lecturer (Prof. Anthony Nobles)

**10:00-10:30 PLENARY SESSION 1 “Thoracic Surgery”**

Moderators:

10:00-10:15*"Management of pulmonary tuberculosis: is there place for surgery?"*

Dr. Petr K. Yablonskyi

Research Institute of pulmonary tuberculosis of St. Petersburg, Russia

10:15-10:30*"Role of hybrid operating theatre in thoracic surgery»*

Dr. Calvin Ng

The Chinese University of Hong Kong, China

**10:00-12:00 PLENARY SESSION 2 “Cardiac Surgery”**

Moderators:

10:00-10:15 *“Pulmonary thromboendarterectomy”*

Dr. Stuart Jamieson

University of California, USA

10:15-10:30 “*Historical evolution of coronary surgery: How does the future look?”*

Dr. Federico Benetti

Benetti foundation, Argentina

10:30-10:45 “*Grown-up congenital heart disease (GUCH) - an emerging problem in cardiac surgery”*

Dr. Marko Turina

University of Zurich, Switzerland

10:45-11:00“*Why can we train young guys to fly superjets but not to operate complex procedure*

Dr. Paul Sergeant

Gasthuisberg University Hospital, Belgium

11:00-11:15 *“Universal chordal-sparing mitral valve replacement: 20 years of clinical experience”*

Dr. Sergey Dzemeshkevich

Russian Research Center of Surgery of B. Petrovskiy, Russia

11:15-11:30 *“Cardiogenic shock and ECMO: why do we need a better definition?”*

Dr. Pascal Le Prince

Paris public assistance hospital, France

11:30-11:45 *“Personalized external aortic root support: a new treatment of patient with Marfan syndrome”*

Dr. Jan Pirk

Institute of Clinical and Experimental Medicine in Prague, Czech Republic

11:45-12:00 “*Totally thoracoscopy cardiac surgery are successfully carried out in more than 1200 cases”*

*“*Dr. Zeng Shan Ma

Taishan Medical University, China

12:00-12:15 *“Venous recanalization and rehabilitation”*

Dr. Frank Ing

Children's Hospital Los Angeles, USA

**9:00-13:00 SESSION 3 “The 2nd Congress of electrophysiology and cardiac pacing”**

Moderators:

9:15-10:00 *Embryology and electrophysiological anatomy of the human heart for interventional arrhythmologists*

Dr. Maksim Didenko

Military Medical Academy of S. Kirov

10:00-10:20 *“Catheter ablation of VT”*

Dr. Josef Kautzner

Institute for Clinical and Experimental Medicine, Czech Republic

10:40-11:00 *“Sudden cardiac death”*

Dr. Makhabbat Bekbosynova

National Research Center for Cardiac Surgery, Kazakhstan

**11:00-13:00 TV TRANSLATION *“CATHETER ABLATION OF VT”***

Dr. Josef Kautzner

Institute for Clinical and Experimental Medicine, Czech Republic

Dr. Ayan Abdrakhmanov

National Research Center for Cardiac Surgery, Kazakhstan

Dr. Azat Tursynbekov

National Research Center for Cardiac Surgery, Kazakhstan

**13:00-14:30 LUNCH\*\*\*SYMPOSIUM**

**9:00-15:00 SESSION 4 Workshop for Medical Nurses**

Moderators:

09:00-09:45*“Safety technique for surgical team during surgeries”*

Ann Folin

Mölnlycke Health Care, Sweden

09:50-10:30*“Comprehensive approach in preventative care system of infection related to medical help in OR”*

Olga Lolktionova

Mölnlycke Health Care, Sweden

10:30-11:00*“Hand protection of surgical team from evidence-based medicine”*

Julia Samoilova

Mölnlycke Health Care, Sweden

11:00-11:45*“Council directive 2010/32EU”*

Ann Folin

Mölnlycke Health Care, Sweden

11:45-12:30*“Dressed for success”*

Ann Folin

Mölnlycke Health Care, Sweden

12:30-12:45 “*Controlling hospital acquired infection:*

*Focus on the role of the environment and new technologies for decontamination.”*

Olga Sleigh

Chelsea and Westminster Hospital NHS Foundation Trust, UK

12:45-13:00 “*Patient / Nurse Partnership in Thoracic Transplant Patients”*

Mary Jo Larson

University of Minnesota Medical Center, USA

13:00-15:00*“Modern dressing bandages and wound treatment”*

**2 September**

**08:00-11:30 SESSION 5 “Heart Failure”**

Moderators:

08:00-08:15 Presentation of book “*Heartbeat*”

Dr.Sergey Dzemeshkevich

Russian Research Center of Surgery of B. Petrovskiy, Russia

8:15-8:30 “*Combined heart and liver transplantation: Mayo Clinic experience and immunologic Benefits*”

Dr. Richard C. Daly

Mayo Clinic, USA

8:30-08:45 *“Heart transplant in the gulf region”*

Dr. Feras Bader

Cleveland Clinic, UAE

**8:45-09:15 COFFEE BREAK WITH EXHIBITION**

9:15-9:30 “*Terminal heart failure: assist device or transplantation”*

Dr. Jan Gummert

Heart Surgery Clinic, Germany

9:30-9:45 *“The Development of mechanical circulatory support since 1987”*

Dr. Roland Hetzer

Sana Herzzentrum Cottbus, Germany

9:45-10:00*“Mechanical circulatory support in heart failure”*

Dr. Feras Bader

Cleveland Clinic, UAE

10:00-10:15“*Mechanical circulatory support versus heart transplant in end-stage heart failure”*

Dr. Feras Bader

Cleveland Clinic, UAE

10:15-10:30*“Establishing HF programs in the middle East”*

Dr. Feras Bader

Cleveland Clinic, UAE

10:30-10:45*“VAD & TAH technique and case reports”*

Dr. Latif Arusoglu

University of Bochum, Germany

10:45-11:00*“Heart failure surgical treatment”*

Dr. Maqsood Elahi

“CardiacEye” International Foundation, Pakistan

11:00-11:15*“Are there stem cell therapies available for damaged heart in heart failure?”*

Dr. Maqsood Elahi

“CardiacEye” International Foundation, Pakistan

11:15-11:30 Dr. Walter Dembitsky

Sharp Memorial Hospital, USA

**08:00-08:45 SESSION 6 “Lung cancer” with ISMICS**

Moderators:

8:00-8:15 “*Sublobar resection vs SBRT/ablation for high-risk patients with lung cancer”*

Dr. Hiran Fernando

Boston Medical Center, USA

8:15-8:30 *“A lung cancer screening program: What is needed and how to do it”*

Dr. Richard C. Daly

Mayo Clinic, USA

8:30-8:45“*Minimally invasive resection of large anterior mediastinal tumors-should this be done?”*

Dr. Jens Ruckert

Charite Medical University, Germany

**08:00-10:00 SESSION 7 “Anesthesia and Intensive Care”**

8:00-8:15 *Use of intraaortic baloon pump in cardiac surgery*

Dr. Robertas Samalavicius

Vilnius University Hospital, Lithuania

8:15-8:30*“Preoperative evaluation clinic for cardiac and major vascular surgical patients: Model for “Perioperative anesthesia and surgical home”*

Dr. George Silvay

Mount Sinai Hospital, USA

8:30-8:45*“Anesthetic management of patients undergoing operation for type A aortic dissection”*

Dr. George Silvay

Mount Sinai Hospital, USA

8:45-9:00*“Age is not a contraindication for cardiac or major vascular surgery”*

Dr. George Silvay

Mount Sinai Hospital, USA

9:00-9:15*“Rational hemotherapy in cardiac surgery”*

Dr. Tomasz Kotulak

Institute for Clinical and Experimental Medicine Prague, Czech Republic

**9:15-09:45 COFFEE BREAK WITH EXHIBITION**

09:45-10:00*“Right ventricle failure in cardiac surgery”*

Dr. Tomasz Kotulak

Institute for Clinical and Experimental Medicine Prague, Czech Republic

**08:00-08:15 SESSION 8 “Vascular surgery”**

Moderators:

08:00-08:15*“Assessing the impact of the sinus-saving modifications of eversion carotid endarterectomy on the stabilization of perioperative arterial hemodynamic”*

Dr. Georgiy Treiger

South Ural State Medical University, Russia

**08:00-08:45 SESSION 9 “”**

**08:00-12:15 SESSION 10 “ECMO”**

Moderators:

8:00-8:15 *“ECMO HUB service in Oklahoma”*

Dr. Aly El Banayosy

INTEGRIS Nazih Zuhdi Transplant Institute, USA

08:15-08:30 Dr. Alois Philipp

University of Regensburg, Germany

**8:45-09:15 COFFEE BREAK WITH EXHIBITION**

9:15-9:30 *“Pulmonary failure. Patients selection”*

Dr. Aly El Banayosy

INTEGRIS Nazih Zuhdi Transplant Institute, USA

9:30-9:45*“ECMO in the elderly cardiac surgical patients”*

Dr. Robertas Samalavicius

Vilnius University Hospital, Lithuania

9:45-10:00 “*Pushing the boundaries: ECMO in the elderly postcardiotomy patients”*

Dr. Robertas Samalavicius

Vilnius University Hospital, Lithuania

10:00-10:15 *“Neurologic monitoring and complications while on ECMO”*

Dr. Michael Firstenberg

The Summa Health Care System, USA

10:15-10:30 “*Less is more: Minimal extracorporeal circulation (MECC) for coronary bypass operations”*

Dr. Mustafa Cikirikcioglu

University Hospital of Geneva, Switzerland

10:30-10:45*“ECMO - From indication until ablation”*

Dr. Mustafa Cikirikcioglu

University Hospital of Geneva, Switzerland

10:45-11:00*“Risk factors for early death after successful weaning from ECMO*

Dr. Michael Firstenberg

The Summa Health Care System, USA

11:15-11:30 “*Veno-arterial ECMO in the management of the mechanical complications of acute myocardial infarction: is this a useful tool in the real world?”*

Dr. Francesco Formica

University of Milano-Bicocca, Italy

11:30-11:45 Dr. Guillaume Lebreton

Paris public assistance hospital, France

11:45-12:00 Dr. Nicolas Brechot

Paris public assistance hospital, France

12:00-12:15 “*Resuscitative capabilities of ECMO in the Cardio surgical Clinic”*

S.Ibragimov, S.Belov, V.Pasyuga, Yu.Shlakin, D.Tarasov

Federal Center of Cardiovascular Surgery; Astrahan State Medical University, Russia

**14:30-16:15 SESSION 11 “TAVI” and training village**

Moderators:

14:30-14:45 *“3rd generation TAVI devices – exciting tools for cardiac surgeons”*

Dr. Hermann Reichenspurner

University Hospital Eppendorf, Germany

**TV TRANSLATION *“TF TAVI”***

Dr. Abdurashid Mussayev

National Research Center for Cardiac Surgery, Kazakhstan

**TV TRANSLATION *“TAVI APEX CLOSER DEVICE”***

Dr. Timur Lesbekov

National Research Center for Cardiac Surgery, Kazakhstan

**TV TRANSLATION *“TAVI”***

Dr. Serik Alimbayev

National Research Cardiac Surgery Center, Kazakhstan

**15:30-16:00 COFFEE BREAK WITH EXHIBITION**

16:00-16:15 *TAVR of patients with severe left ventricular dysfunction*

Dr. Peter Andreka

Gottsegen Hungarian Institute of Cardiology, Hungary

**14:30-15:00 SESSION 12 “Surgery of Pulmonary Hypertension”**

Moderators:

14:30-14:45 *“Pulmonary endarterectomy”*

Dr. Michael Madani

University of California, USA

14:45-15:00 *“Pulmonary artery radiofrequency denervation for the treatment for patients with residual thromboembolic pulmonary hypertension”*

Dr. Alexandr Chernyavskiy

Siberian Federal Biomedical Research Center of E. Meshalkin

**14:30-16:15 SESSION 13 “Esophagus surgery” with ISMICS**

Moderators:

14:30-14:45*“Minimally Invasive esophagectomy: technique and results”*

Dr. Ghullam Abbas

Riverview Medical Center, USA

15:00-15:15 *“Minimally invasive repair of giant hiatal hernias”*

Dr. Ghullam Abbas

Riverview Medical Center, USA

**15:30-16:00 COFFEE BREAK WITH EXHIBITION**

16:00-16:15 *“Laparoscopic /robotic therapies for motility disorders of the esophagus”*

Dr. Hiran Fernando

Boston Medical Center, USA

**14:30-17:15 SESSION 14 “Aortic and Mitral Valve Surgery”**

Moderators:

14:30-14:45 *“3D enabled totally endoscopic surgery is superior for teaching minimally invasive mitral valve repair”*

Dr. Ludwig Muller

Univ. Klinik für Herzchirurgie, Austria

14:45-15:00 *“Robot Assisted Mitral Valve Repair: Mayo Clinic Experience”*

Dr. Richard C. Daly

Mayo Clinic, USA

15:00-15:15 *“Minimal invasive mitral valve repair”*

Dr. Jan Gummert

Leipzig Heart Center, Germany

15:15-15:30*“Off pump mitral valve surgery: still deep diving”*

Dr. Kestutis Rucinskas

Vilnius University Hospital Santariškių Klinikos, Litva

**15:30-16:00 COFFEE BREAK WITH EXHIBITION**

16:15-16:30*“Sutureless aortic valve replacement - Are they futureless or they are the future”*

Dr. Mustafa Cikirikcioglu

University Hospital of Geneva, Switzerland

16:30-16:45*“Isolated aortic valve repair. Baku experience”*

Dr. Kamran Kazimoglu Musayev

Baku Central Clinic Hospital, Azerbaidzhan

16:45-17:00*“Conventional and minimally invasive approaches in the surgery of mitral valve dysplasia”*

D.Kondratyev, D. Kozmin, D.Tungusov, S. Makeev, S. Enginoev, Y. Martyanova, I.Chernov, D.Tarasov

Federal Center of Cardiovascular Surgery; Astrahan State Medical University Russia

17:00-17:15*“Cardiomyopathy and valvular dysplasia: accidental combination or related pathology”*

S.L. Dzemeshkevich, Y.V. Frolova, E.V. Zaklyazminskaya, D.N. Fyodorov, M.S. Malikova, A.N. Lugovoy, A.P. Motreva, D.G. Tarasov

Russian Research Center of Surgery of B. Petrovskiy, Russia

***TV TRANSLATION “MICS +COR KNOT”***

Dr. Ludwig Muller

Dr. Yermagambet Kuatbayev

National Research Center for Cardiac Surgery, Kazakhstan

**09:45-16:15 SESSION 15 “Pediatric Cardiology and Cardiac Surgery”**

Moderators:

09:45-10:00 *“Hybrid implantation……..”*

Dr. Frank Ing

Children's Hospital Los Angeles, USA

10:00-10:15 “*Transcatheter closure of patient ductusarteriosus in premature babies <2kg”*

Dr. Alain Fraisse

Royal Brompton Hospital, UK

10:15-10:30 *“Percutaneous pulmonary valve implantation in native RVOT”*

Dr. Alain Fraisse

Royal Brompton Hospital, UK

10:30-10:45 *“Transcatheter suture-based closure PFO by NobelStitch”*

Dr. Saule Kadirova

National Research Center for Cardiac Surgery, Kazakhstan

10:45-11:00 *“Transcatheter treatment of partial anomalous pulmonary venous return with dual supply”*

Dr. Alain Fraisse

Royal Brompton Hospital, UK

11:00-11:15 *“Stent implantation of branch pulmonary: stenosis”*

Dr. Saule Kadirova

National Research Center for Cardiac Surgery, Kazakhstan

11:15-11:45 **COFFEE BREAK WITH EXHIBITION**

11:45-12:00 Dr. Mohan Reddy

UCSF Pediatric Heart Center, USA

12:00-12:15*“Palliative operations for infants and their maintenance”*

Dr. Ricardo Munoz

University of Pittsburgh, USA

12:15-12:30*“Total Cavo-Ventricular anastomosis”*

Dr. Gerhard Ziemer

Heart University of Chicago Medical Center, USA

12:30-12:45 *“Management of Single Ventricle Physiology Patient in the Preoperative Period”*

Dr. Yulia Domnina

University of Pittsburgh, USA

12:45-13:00 Dr. Dmitryi Gorbunov

National Research Center for Cardiac Surgery, Kazakhstan

**13:00-14:30 LUNCH\*\*\*SYMPOSIUM “Update on myocardial protection”**

14:30-14:45*“Conversion surgery 27 years After Bjoerk-Fontan operation: Biventricular quintuple valve Fontan”*

Dr. Gerhard Ziemer

Heart University of Chicago Medical Center, USA

14:45-15:00*“SVC syndrome from innominate vein/superior vena cava/right atrium/right ventricular outflow tract tumor thrombus: tumor debulking in a 16 year old”*

Dr. Gerhard Ziemer

Heart University of Chicago Medical Center, USA

15:00-15:15 *“RVOT reconstruction in TOF: Baku experience “*

Dr. Rashad Mahmudov

Baku Heart Center, Azerbaidzhan

15:30-15:45*“Challenges for the care of adults with congenital heart defects”*

Dr. Rainer Kozlik-Feldmann

University Heart Center Hamburg, Germany

15:45-16:00 *“Pediatric HTx”*

Dr. Arnt E. Fiane

Oslo University Hospital, Norway

16:00-16:15 *“Re-HTx”*

Dr. Arnt E. Fiane

Oslo University Hospital, Norway

16:15-16:30 “"*Update : ECMO in pediatric cardiac intensive care* "”

Dr. Ricardo Munoz

University of Pittsburgh, USA

**8:00-18:40 SESSION 16 “The 2nd Congress of electrophysiology and cardiac pacing”**

Moderators:

8:00-8:20 “*Complicated cases of implantation of the left ventricular electrode in cardioresynchronizing therapy”*

Dr. Bela Merkely

European Society of Cardiology, Hungary

8:20-8:40 “*Extraction of endocardiac electrodes”*

Dr. Christian Wollmann

University Heart Center, Austria

8:40-9:00 “*Cryobalon ablation of atrial fibrillation with minimal fluoroscopy”*

Dr James Reiss, MD, MPH

Peace Health Southwest medical center, USA

9:00-9:20 *“Catheter ablation of atrial tachycardia”*

Dr. Feifan Ouyang

Asklepios Klinik St. Georg, Germany

9:20-9:40 “*The ablation of sympathetic ganglia for the treatment of cardiac rhythm disorders”*

Dr. Yevgeniy Pokushalov

Siberian Federal Biomedical Research Center of E. Meshalkin, Russia

9:40-10:00 *“Ablation of stellate ganglion for the treatment of drug-resistant ventricular tachycardia”*

Dr. Farid Aliev

Cardiovascular Center of Azerbaijan University, Azerbaijan

10:00-10:20 *“Neuromodulation of autonomic nervous system”*

Dr. Evgeniy Michailov

North-West Federal Medical Research Center of V. Almazov, Russia

10:40-11:00 *“Syncope*

Dr. Roin Rekvava

Research Institute of Cardiology and Internal Diseases, Kazakhstan

**10:00-13:00 TV TRANSLATION “*IMPLANTATION OF CRT-D”***

Dr. Bela Merkely

Heart and Vascular Center, Hungary

Dr. Ayan Abdrakhmanov

National Research Center for Cardiac Surgery, Kazakhstan

Dr. Serik Bagibayev

National Research Center for Cardiac Surgery, Kazakhstan

**13:00-14:00 LUNCH\*\*\*SYMPOSIUM “Update on myocardial protection**

**14:00-16:00 TV TRANSLATION *“CATHETER ABLATION OF ATRIAL FIBRILLATION”***

Dr. Feifan Ouyang

Asklepios Klinik St. Georg, Germany

Dr. Ayan Abdrakhmanov

National Research Center for Cardiac Surgery, Kazakhstan

Dr. Zhandos Yesilbayev

National Research Center for Cardiac Surgery, Kazakhstan

16:00-16:20 *“The results of cryobalon ablation of atrial fibrillation”*

Dr. Omirbek Nuralinov

National Research Center for Cardiac Surgery, Kazakhstan

16:20-16:40 *“Implantation without electrode pacemaker”*

Dr Faisal Al Smadi

King Fahd Medical City – King Salman Heart Center Riyadh, Saudi Arabia

17:00-17:20 *“Catheter ablation of supraventricular fibrillation”*

Dr. Adil Baiymbetov

National Research Center of Surgery of A. Syzganov, Kazakhstan

17:20-17:40 *“Ablation of tachyarrhythmias in newborns and children of the first year of life”*

Dr. Ayan Abdrakhmanov

National Research Center for Cardiac Surgery, Kazakhstan

17:40-18:00 *“Radiofrequency ablation of atrial fibrillation without fluoroscopy”*

Dr. Azat Tursunbekov

National Research Center for Cardiac Surgery, Kazakhstan

**3 September**

**08:00-09:45 SESSION 17 “Bypass Grafting”**

Moderators:

8:00-8:15 *“Arterial revascularization: Strategies to deploy arterial conduits”*

Dr. Sotirios Prapas

Henry Dunant Hospital, Greece

8:15-8:30 *“Disasters during CABG surgery”*

Dr. Vipin Zamvar

Royal Infirmary of Edinburgh, UK

8:30-8:45 *“Arterial revascularization and BIMA grafting: An overview”*

Dr. Vipin Zamvar

Royal Infirmary of Edinburgh, UK

8:45-9:00 *“Off-pump CABG vs on pump CABG: Summary of current trials”*

Dr. Vipin Zamvar

Royal Infirmary of Edinburgh, UK

9:00-9:15 *“The arterial bypass: A graft for all reasons”.*

Dr. Teresa Keiser

Foothills Medical Centre, Canada

9:15-9:30 *“OPCAB as a standard in modern surgery of ischemic heart disease”*

I.Chernov, D.Kozmin, S.Enginoev, S.Makeev, A. Pavlov, G.Magomedov, D.Tarasov

Federal Center of Cardiovascular Surgery; Astrahan State Medical University Russia

9:30-9:45 *“Five-year results of surgical treatment patients with atrial fibrillation and coronary artery disease: prospective randomized study”*

Dr. Alexandr Chernyavskiy

Siberian Federal Biomedical Research Center of E. Meshalkin, Russia

**TV TRANSLATION *“MICS+CRYO”***

Dr. Yermagambet Kuatbayev

National Research Center for Cardiac Surgery, Kazakhstan

**08:00-08:45 SESSION 18 “Thoracic surgery” with ISMICS**

Moderators:

8:00-8:15 *“Uniportal versus multiport lobectomy is there a benefit”*

Dr. Calvin Ng

The Chinese University of Hong Kong, China

8:15-8:30 *“Uniportal lobectomy: Tips, Tricks and outcomes”*

Dr. Jens Rueckert

Charite Medical University, Germany

8:30-8:45 “*Robotic lobectomy versus VATS lobectomy- is there a benefit”*

Dr. Ricardo Santos

Hospital Israelita Albert Einstein, Brazil

**08:00- SESSION 19 “The 2nd Congress of electrophysiology and cardiac pacing”**

Moderators:

08:00-09:00 Discussion *“Fire and Ice”* – comparison between radiofrequency ablation and cryobalon ablation

Dr. Yevgeniy Lyan

Universitätsklinikum Schleswig-Holstein, Germany

Dr James Reiss

Peace Health Southwest Medical Center, Canada

09:00-09:20 *“Anticoagulant therapy of atrial fibrillation”*

Dr. Kulzida Koshumbayeva

Research Institute of Cardiology and Internal Diseases, Kazakhstan

09:20-09:40 *“Minimally invasive thoracoscopic ablation of atrial fibrillation”*

Dr. Oleg Sapelnikov

Clinical Hospital №1, Russia

09:40-10:00 *“Remote monitoring of patients with implanted devices”*

Dr. Abay Bakytzhanuly

National Research Center for Cardiac Surgery, Kazakhstan

**10:30-13:00 TV-TRANSLATION *“RADIOFREQUENCY ABLATION OF ATRIAL FIBRILLATION WITHOUT FLUOROSCOPY”***

Dr. Yevgeniy Lyan

Universitätsklinikum Schleswig-Holstein, Germany

Dr. Ayan Abdrakhmanov

National Research Center for Cardiac Surgery, Kazakhstan

Dr. Azat Tursunbekov

National Research Center for Cardiac Surgery, Kazakhstan

**08:00-: SESSION 20 “Sport rehabilitation”**

Moderators:

**08:00-09:15 SESSION 21“Health Care management”**

Moderators:

8:00-8:15 *“Failures in existing quality of care reporting and scoring systems”*

Dr. Paul Sergeant

Gasthuisberg University Hospital, Belgium

8:15-8:30 *“Follow up after therapy is a fundamental step in quality of care”*

Dr. Paul Sergeant

Gasthuisberg University Hospital, Belgium

8:30-8:45 *“Error disclosure”*

Dr.Tanya Melnik

University of Minnesota, USA

8:45-9:00*“Patient safety and team building in cardiac surgery”*

Dr. Michael Firstenberg

The Summa Health Care System, USA

9:00-9:15 *“Optimal organization of ACHD team”*

Dr. Naser Ammash

Mayo Clinic, USA

9:15-9:30 *“Clinical trial in Kazakhstan”*

Philip La Fleur

Nazarbayev University, Kazakhstan

**10:00-11:00 SESSION 22 “Aortic Surgery”**

Moderators:

10:00-10:15 *“Aortic root surgery from Bentall operation to Ozaki”*

Dr. Roman Komarov

First Moscow State Medical University of I.Sechenov, Russia

10:15-10:30*“Standardized treatment of acute aortic type A dissection- Hemiarch versus total arch replacement”*

Dr. Mustafa Cikirikcioglu

University Hospital of Geneva, Switzerland

10:30-10:45 *“Implantation of the aortic root into the prosthesis - a new convolution of the aortic surgery: from complex to simple”*

Dr. Alexandr Chernyavskyi

Siberian Federal Biomedical Research Center of E. Meshalkin

10:45-11:00 *“Update on management of Marfan Syndrome”*

Dr. Naser Ammash

Mayo Clinic, USA

**10:00-12:15 SESSION 23 “Cardiology”**

Moderators:

10:00-10:15 *“Patients carrying two mutations in the “genes of interest” are at high*

E. Zaklyazminskaya, A.Shestak, M. Polyak, L.Makarov, O.Blagova, S. Dzemeshkevich

Russian ResearchCenter of Surgery of B. Petrovskiy, Russia

10:15-10:30 Dr. Jagadish Patil

University of Minnesota, USA

10:30-10:45 Dr. Jaime Green

University of Minnesota, USA

10:45-11:00*“Clinical spectrum of DCM caused by mutations in the LMNA gene”*

E. Zaklyazminskaya, A.Shestak, S. Mironovich, A.Polyakov, O. Blagova, N. Kotlukova, S.Dzemeshkevich

Russian Research Center of Surgery of B. Petrovskiy, Russia

11:00-11:15 Dr. Cindi Martin

University of Minnesota, USA

11:15-11:30 *“Remote Interrogation or in-clinic Interrogation: Benefits for Icd Follow-up”*

D.Kondratyev, D. Kozmin, D.Tungusov, S. Makeev, S. Enginoev, Y. Martyanova, I.Chernov, D.Tarasov

Federal Center of Cardiovascular Surgery; Astrahan State Medical University Russia

11:30-11:45 *“1 years patient’s follow-up with resistance arteries hypertension after denervation”*

Dr. Marat Aripov

National Research Center for Cardiac Surgery, Kazakhstan

11:45-12:00 *“The comparison of stenting left main coronary artery with various technic ”*

Dr. Marat Aripov

National Research Center for Cardiac Surgery, Kazakhstan

12:00-12:15 *Carotid artery stenting performed before coronary surgery is effective prevention of cerebral ischemia during myocardial revascularization*

Dr. Alexey Fokin

South Ural Medical University, Russia

**10:00-12:15 SESSION 24 “Cardiac radiology”**

Moderators: Matthias Gutberlet, Rainer Rienmueller

10:00-10:15 *“CT evaluation of patients prior to TAVI/TAVR”*

Dr. Matthias Gutberlet

University of Leipzig, Germany

10:15-10:30*“Clinical validity of Cardiac CT and MR in the diagnostic and therapy of constrictive pericarditis”*

Dr. Rainer Rienmueller

Medical University Graz, Austria

10:30-10:45 “*Radiation diagnostics of congenial heart disease”*

Dr. Mariya Vishnyakova

Moscow Regional Research Clinical Institute of M. Vladimirsky, Russia

10:45-11:00 “*Possibilities of multislice computed tomography in the diagnostics of complications after implantation of left ventricle assist devices in patients with heart failure”*

Dr. Tairkhan Dautov

National Research Center for Cardiac Surgery, Kazakhstan

**11:00-11:30 COFFEE BREAK WITH EXHIBITION**

Moderators: Tairkhan Dautov, MariyaVishnyakova

11:30-11:45*“Cardiac MR in patients after surgically corrected tetralogy of fallot”*

Dr. Matthias Gutberlet

University of Leipzig, Germany

11:45-12:00*“Results of dynamic myocardial perfusion in patients before and after coronary bypass”*

Dr. Rainer Rienmueller

Medical University Graz, Austria

12:00-12:15 “*Imaging analysis of lung hypoplasia with high technology computed tomography”*

Elmira Chuvakova

National Research Medical Center, Kazakhstan

**13:00-14:30 LUNCH\*\*\*SYMPOSIUM**

**CLOSING CEREMONY**