

26th Annual Meeting ASCVTS, Moscow, Russia (24-27 May 2018)

Program at a glance

Time	DAY-03 / May 26 (Sat)							
Venue	Foyer 1F	Congress Hall, 2F			Press Hall, 2F	Hall	Hall 1F	
		A	B	C				
07:30								
08:00								
08:30	Registration						E-Poster & Exhibition	
09:00		GA 03 Arrhythmias	GA 04 Valves	GT 04 Pulmonary/ Chest Wall	GC 01 Newborn Critical Congenital Cardiac			
09:30								
10:00		Coffee Break (10:00-10:30)						
10:30								
11:00		Hybrid & Endovascular Surgery (MTE)	Cardiology and Imaging in Cardiac Surgery (MTE)	Vascular Surgery (MTE)	The History and the Modern State of Cardiovascular and Thoracic Surgery			
11:30								
12:00								
12:00-13:30		Luncheon Symposium	Luncheon Symposium	Luncheon Symposium	Luncheon Symposium	General Assembly (Room A 12:00- 12:30)		
13:30								
14:00		Hybrid Surgery	GA 05 Valves	GT 05 Minimally Invasive Surgery	Anaesthesia, Critical Care			
14:30								
15:00								
		Coffee Break (15:00-15:30)						
15:30								
16:00		Endovascular Surgery	GA 06 Valves	The 22nd Annual Session of «Bakulev NMRC CVS»	Perfusion			
16:30								
17:00		Endovascular Surgery	Furuse Award	AATS Foundation Award	GC 02 Adult Congenital Cardiac			
18:30								
19:30	Gala Dinner (19:30-21:30)							

DAY-03 / May 26 (Saturday)

Congress Hall, 2F– A

08:30 – 10:00

Adult Cardiac Surgery/Arrhythmias

SESSION – 1

Chairpersons: Olga Bockeria (Russia), Sergey Kovalev (Russia), Taweesak Chotivatanapong (Thailand)

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|-------------------|---|--------|
| AC/ARR-01-
O-1 | #283
Map Guided Surgical Ablation of Atrial Fibrillation in Combination with Coronary Artery Bypass Grafting on Beating Heart
<u>Olga Bockeria</u> , Leo Bockeria, Mikhail Biniashvili, Andrey Filatov, Gulsuna Yurkulieva (Russia) | 7 min. |
| AC/ARR-01-
O-2 | #931
A Decade Experience in Modified Maze Procedure in Atrial Fibrillation Associated With Mitral Valve Disease
<u>Choosak Kasemsarn</u> , Pramote Porapukkharn, Piyawat Lerdsomboon, Jukkapan Jumpatade (Thailand) | 7 min. |
| AC/ARR-01-
O-3 | #475
Long-term Results of Surgical Treatment of Atrial Fibrillation Combined with Mitral Valve Pathology
<u>Lasha D. Shengelia</u> , Leo A. Bockeria, Olga L. Bockeria, Zamik F. Fatulaev, Marina Yu. Mironenko, Vladimir A. Shvartz, Igor Ya. Klimchuk (Russia) | 7 min. |
| AC/ARR-01-
O-4 | #647
Biatrial Cox Maze Cryoablation Procedure Concomitant to Minimally Invasive Valve Surgery through Right Lateral Minithoracotomy
<u>Ju Mei</u> , Zhaolei Jiang, Min Tang, Nan Ma, Hao Liu (China) | 7 min. |
| AC/ARR-01-
O-5 | #61
Occlusion of Left Atrial Appendage by Epicardial System AtriClip
<u>Ales Mokracek</u> , Alan Bulava, Vojtech Kurfirst, Jiri Hanis, Ladislav Pesl (Czechia) | 7 min. |
| AC/ARR-01-
O-6 | #720
Totally Thoracoscopic Left Atrial Ablation for Atrial Fibrillation
<u>Pavel A. Shilenko</u> , Yurii A. Schneider, Men-De Tsoi, Andrei S. Kotcienko (Russia) | 7 min. |
| AC/ARR-01-
O-7 | #473
Thoracoscopic Ablation for Persistent and Long Persistent Atrial Fibrillation 3 Years Follow-up
<u>Konstantin A. Smolianinov</u> , Sergey A. Stefanov, Pavel A. Durygin, Jury V. Zapriagaev, Zhargalma B. Dandarova, Denis Y. Nikitin (Russia) | 7 min. |
| AC/ARR-01-
O-8 | #64
Hybride Approach for Treatment of Lone Persistent Atrial Fibrillation
<u>Ales Mokracek</u> , Alan Bulava, Vojtech Kurfirst, Jiri Hanis, Ladislav Pesl (Czech Republic) | 7 min. |
| AC/ARR-01-
O-9 | #358
The Stepwise Radiofrequency Ablation of Idiopathic Persistent Atrial | 7 min. |

Fibrillation Helps to Reduce Arrhythmogenic Substrate

Aleksei Kovalev, Andrey Filatov, Olga Bockeria, Leo Bockeria (Russia)

AC/ARR-01-
O-10

#455

Comparison of Immediate Results of Left Atrial and Classical Maze Iii Procedures 7 min.

Yuriy Shneyder, Georgy Antipov, Andrey Mikheev, Mikhail Isayan, Pavel Zolotukhin (Russia)

Discussion

20 min.

Coffee Break (10:00 – 10:30)
(Exhibition area, Floor 1)**10:30 – 12:00****«Meet the Expert»****Meet the Expert - Hybrid & Endovascular Surgery**

May 26 (Sat) 10:30-12:00		Meet the Expert – Hybrid & Endovascular Surgery	Congress Hall, 2F– A
		Chair	Lorenzo A. Menicanti (Italy)
		Chair	David G. Iosseliani (Russia)
		Chair	Yuri V. Belov (Russia)
MHE 01-L-1	10:30-10:50	Surgical Strategy of Ischemic Dilated Cardiomyopathy in the Post-STICH Era	Lorenzo A. Menicanti (Italy)
MHE 01-L-2	10:50-11:10	Modern Approaches to the Treatment of Acute Myocardial Infarction	David G. Iosseliani (Russia)
MHE 01-L-3	11:10-11:30	Endovascular interventions on the thoracic aorta for the type B dissections	Sergey A. Abugov (Russia)
	11:30-12:00	Discussion	

Luncheon Symposium (GE Healthcare)
12:00 – 13:30**13:30 – 15:00****Hybrid Surgery****SESSION – 1****Chairpersons:** Renat Akchurin (Russia), Alexander M. Karaskov (Russia), Tatsuya Nakao (Japan)HS-01-
O-1

#1233

Is Hybrid Surgery for Aortic Diseases Involving Ascending Aorta and Proximal Aortic Arch Superior to Conventional Open Total Arch Replacement? 7 min.

Jia Hu, Zheng-Hua Xiao, Hong-Wei Zhang, Peng Yang, Yao Huang, Er-Yong Zhang (China)

HS-01- #757

O-2	The PETTICOAT Technique for Aortic Dissection: a Single-Center Experience <u>Masatoshi Komooka</u> , Shnichi Higashiue, Satoshi Kuroyanagi, Onichi Furuya, Norihiko Hiramatsu, Saburo Kojima, Naohiro Wakabayashi (Japan)	7 min.
HS-01- O-3	#174 The Experiences of TEVAR after Frozenix-Open Stent Graft (F-OSG) Placement for TAA Surgery~ Availability of Hybrid TEVAR~ <u>Tatsuya Nakao</u> (Japan)	7 min.
HS-01- O-4	#1371 Endovascular Debranching Technique (Zone 1) in Hybrid Surgical Treatment of Thoracic Aorta <u>Timur Imaev</u> , <u>Renat Akchurin</u> , Petr Lepilin, Aleksandr Kolegaev, Ivan Kuchin, Dmitriy Salichkin, Aleksey Komlev (Russia)	7 min.
HS-01- O-5	#203 The Efficacy of a Total Debranching TEVAR (td TEVAR) for the Re-operation of Aortic Arch Aneurysm <u>Kyohei Ueno</u> , Megumu Kanno, Hirofumi Midorikawa, Gaku Takinami, Rie Kageyama, Haruna Seki (Japan)	7 min.
HS-01- O-6	#855 Hybrid Approach to Complete Repair of Cyanotic Congenital Heart Defects <u>Victor S. Mataev</u> , Victor B. Samsonov, Manolis G. Pursanov, Mihail R. Chiaureli, Vladimir P. Podzolkov, Timur Y. Danilov (Russia)	7 min.
HS-01- O-7	#420 Open Surgery versus Hybrid Endovascular Treatment for Infrarenal Aortoiliac Occlusive Disease <u>Won-min Jo</u> , Jinwook Hwang, Jae Seung Shin (South Korea)	7 min.
HS-01- O-8	#1385 Hybrid Procedure in Limb Salvage <u>Simon Papoyan</u> , Alexandr Schegolev, Alexandr Mitichkin, Maxim Sazonov, Alexey Krasnikov, Marat Mutaev, Alexandr Krasnikov, Daniil Siromyatnikov (Russia)	7 min.
HS-01- O-9	#126 Usefulness of Visceral Debranching and TEVAR Method for High Risk TAAA Patients <u>Takayuki Uchida</u> (Japan)	7 min.
	Discussion	20 min.

Coffee Break (15:00 – 15:30)
(Exhibition area, Floor 1)

15:30 – 17:00

Endovascular Surgery

SESSION – 1

ENDOASCULAR MANAGEMENT OF CARDIAC AND CORONARY DISEASES

Chairpersons: David G. Iosseliani (Russia), Andrejs Erglis (Latvia), Anatoly N. Samko (Moscow)

ES-01- O-1	#712 Long-Term Results of Left Main Coronary Artery Percutaneous Coronary Interventions with Second Generation Drug-eluting Stent Implantation in Stable Coronary Artery Disease	7 min.
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Karen V. Petrosyan, Andrey V. Abrosimov, Bagrat G. Alekyan, Olga L. Bockeria, Yuriy I. Buzhiashvili, Elena Z. Golukhova, Tatyana G. Nikitina, Victor S. Grigoryev, Vladislav A. Poluboyarinov, Leo A. Bockeria (Russia)

- ES-01- #6/H
O-2 **5-Year Results Of Pci In Patients With Multivessel Disease And Medium Syntax Score Using Everolimus Eluting Stents** 7 min.
Yu.V. Belov, S.A. Abugov, Yu.M. Saakyan, M.V. Puretskiy, R.S. Polyakov, A.A. Pirkova, G.V. Mardanyan, A.V. Kudrinskiy (Russia)
- ES-01- #1279
O-3 **20-Year Experience of Endovascular Reperfusion Therapy of AMI with and without Pre-hospital Thrombolysis** 7 min.
Dmitrii Kurtasov, David Iosseliani, Ilya Kovalchuk, Dzhamil Asadov, Irina Chernisheva, Elena Ozolinia (Russia)
- ES-01- #989
O-4 **Planning of Intervention Therapy for Bifurcation Stenting Based on CT - Coronary Angiography** 7 min.
Oleg Volikov, Gennadiy Khubulava, Andrey Shishkevich, Igor Oleksyuk, Kirill Kozlov, Igor Zheleznyak, Igor Minkov, Sergey Mikhailov, Ekaterina Bobrovskaya, Zaur Abdullaev (Russia)
- ES-01- #371
O-5 **Percutaneous Coronary Intervention in Patients with Pulmonary Artery Hypertension and Left Main Coronary Artery External Compression** 7 min.
Karen Petrosian, Sergey Gorbachevskiy, Davron Paradaev, Victor Grigoryev, Gulamzhan Dadabaev, Leo Bockeria (Russia)
- ES-01- #1132
O-6 **Impact of Incomplete Revascularization on Disease Recurrence after Percutaneous Coronary Intervention** 7 min.
Artem Komkov, Vladimir Mazaev, Svetlana Ryazanova (Russia)
- ES-01- #1276
O-7 **Combined Procedures of TAVI and Coronary Stenting in Patients with Aortic Stenosis and IHD** 7 min.
Dzhamil Asadov, David Iosseliani, Olga Zakharova, Ilya Kovalchuk, Eugene Savelov, Alexander Stepanov, Anna Rogatova, Vladislav Kriukov (Russia)
- ES-01- #1393
O-8 **Simultaneous Endovascular ASD Closure and Coronary Stenting in Adults: Short-term and Long-term Follow-up** 7 min.
David Iosseliani, Dzhamil Asadov, Ilya Kovalchuk, Dmitry Kurtasov, Anna Rogatova (Russia)
- ES-01- #601
O-9 **Long-Term Outcomes of Endovascular Treatment with Atrial Septal Stent Implantation in Idiopathic Pulmonary Arterial Hypertension** 7 min.
Sergey Gorbachevskiy, Karen Petrosian, Manolis Pursanov, Gulamzhan Dadabaev, Leo Bockeria, Davronbek Paradaev (Russia)
- ES-01- #893
O-10 **Magnetic navigation catheters system for creation of endovascular bypasses** 7 min.
Michael Avaliani (Russia)
- Discussion** 10 min.

INTERVAL (10 min)

17:00 – 18:30

SESSION – 2

ENDOVASCULAR TREATMENT OF AORTIC VALVE,
AORTA AND AORTIC BRANCHES DISEASES

Chairpersons: Sergey A. Abugov (Russia), Tae-Seok Seo (South Korea)

- ES-02- #1028
O-1 **Thoracic Endovascular Aortic Repair for Complicated Type B Acute Aortic Dissection with Acute Limb Ischemia** 7 min.
Takanori Tsujimoto, Naomichi Uchida, Syota Hasegawa, Kanetsugu Nagao, Motoharu Kawashima, Yoshikatsu Nomura, So Izumi, Masamichi Matsumori, Hirohisa Murakami, Tasuku Honda, Masato Yoshida, Nobuhiko Mukohara (Japan)
- ES-02- #487
O-2 **Endovascular Repair in Retrograde Type A Aortic Dissection with an Entry Tear Located in Descending Aorta** 7 min.
Zhi Zheng, You-Min Pan, Tian-Xin Xiong (China)
- ES-02- #139
O-3 **Risk Factors for Renal Dysfunction Following Endovascular Aortic Aneurysm Repair** 7 min.
Takashi Otani, Masataka Hirata, Naoto Izawa, Tatsuo Motoki, Atsushi Kurushima, Yoshiaki Fukumura (Japan)
- ES-02- #532
O-4 **Clinical Outcomes of Percutaneous Placement of the Self-expandable Stent-graft in Traumatic Dissection of the Thoracic Aorta** 7 min.
Tae-Seok Seo, Myung Gyu Song, Sung-Joon Park, Yang-Gi Ryu (South Korea)
- ES-02- #737
O-5 **Endovascular Repair in Blunt Thoracic Aortic Injury, Experience from Ramathibodi Hospital, Thailand** 7 min.
Parinya Leelayana, Siam Khajareern, Piya Cherntanomwong, Narongrit Kantathut (Thailand)
- ES-02- #1374
O-6 **Advance Scheduled Treatment for Type B Acute Aortic Dissection** 7 min.
Hiroyuki Yamamoto, Kenji Toyokawa, Kazuhisa Matsumoto, Kenichi Arata, Itsumi Imagama, Hideaki Kanda, Tomoyuki Matsuba, Shuji Nagatomi, Yuki Ogata, Naoki Tateishi, Yutaka Imoto (Japan)
- ES-02- #1112
O-7 **The Optimal Timing of Endovascular Treatment for Grade 3-4 Blunt Aortic Injury and Traumatic Type B Aortic Dissection** 7 min.
Hirohito Ishij, Kunihide Nakamura, Eisaku Nakamura (Japan)
- ES-02- #1387
O-8 **Carotid Artery Stenting in Elderly Patients** 7 min.
Simon Papoyan, Alexandr Schegolev, Alexandr Mitichkin, Dmitriy Gromov, Alexey Krasnikov, Alexandr Radchenko, Maxim Sazonov (Russia)
- ES-02- #983
O-9 **Stent Placement in the Superior Mesenteric Artery for Mesenteric Ischemia with Stanford type B Acute Aortic Dissection** 7 min.
Keiichi Ishida, Hirono Satokawa, Shinya Takase, Hiroki Wakamatsu, Yuki Seto, Hiroyuki Kurosawa, Akihiro Yamamoto, Tsuyoshi Fujimiya, Satomi Matsumoto, Hitoshi Yokoyama (Japan)

ES-02- #6/H
O-10 **Distal Stent Graft-Induced New Entry As A Complication After Tevar** 7 min.
Yu.V. Belov, S.A. Abugov, R.S. Polyakov, E.R. Charchyan, M.V. Puretsky,
Yu.M.Saakyan, G.V. Mardanyan (Russia)

Discussion 20 min.

19:30-21:30
Gala Dinner

Congress Hall, 2F– B

08:30 – 10:00

Adult Cardiac Surgery/Valves

SESSION – 1

AORTIC ROOT: VALVE SPARING ROOT REPAIR, TAVI IN HIGH RISK PATIENTS, LONG TERM FOLLOW-UP

Chairpersons: Robert Michler (USA), Yutaka Okita (Japan)

- AC/VAL-01-
O-1 #1041
A Systematic Review: Are Outcomes of Aortic Valve Repair ‘a Beneficial Alternative’ for Patients of Aortic Valve Insufficiency? 7 min.
Samreen Malik (Sweden)
- AC/VAL-01-
O-2 #611
Stented vs Stentless Aortic Valve Replacement in Elderly: A Systematic Review and Meta-analysis 7 min.
Amer Harky, Mohamad Bashir, Barts Consortium of Surgeons, Rakesh Uppal (United Kingdom)
- AC/VAL-01-
O-3 #414
Aortic Leaflets Remodeling for Aortic Insufficiency: an Excellent Alternative to Replacement. Single Center Experience 7 min.
Mauro Masat, Giovanni Biagio Calcara, Antonio Pantaleo, Wadih Tamari, Valeria Salandin, Annamaria Camata, Luigi Polesello, Federica Mondin, Marta Possamai, Elvio Polesel (Italy)
- AC/VAL-01-
O-4 #1177
Failure is Fatal! Which Determinants of Outcome Remain after Transcatheter Aortic Valve Implantation? 7 min.
Markus Mach, Manuel Wilbring, Konstantin Alexiou, Utz Kappert, Martin Grabenwöger, Klaus Matschke (Germany)
- AC/VAL-01-
O-5 #810
TAVI in High-Risk Patients: One-center Results Study 7 min.
Renat Akchurin, Timur Imaev, Petr Lepilin, Alexey Komlev, Alexandr Kolegaev, Dmitriy Salichkin, Ivan Kuchin, Anna Margolina, Maxim Makeev, Sergey Ternovoy (Russia)
- AC/VAL-01-
O-6 #758
Immediate Hemodynamic and Clinical Results of TAVI, with the Use of a Valve with PTFE Cusps 7 min.
Vladlen Bazylev, Andrey Voevodin, Evgeny Rosseykin (Russia)
- AC/VAL-01-
O-7 #939
Feasibility of Surgical AVR with Annulus Dilatation in the TAVI Era 7 min.
Takeshi Ikuno, Yukuke Seki, Masaki Nakamura, Yutaka Sakakibara, Kazunobu Nishimura (Japan)
- AC/VAL-01-
O-8 #895
Mid-Term Results of Aortic Valve Replacement with Novel “Central Torrent” Mechanical Prosthesis 7 min.
Vladlen Bazylev, Evgeny Nemchenko, Alisher Gamzaev, Igor Chernov, Andrey Molchanov, Valery Tsehanovich, Dmitry Drobot, Alexander Bogachev-Prokofyev, Dmitry Ananyev (Russia)

AC/VAL-01- #603
 O-9 **Effect of Valve Prosthesis-Patient Mismatch on Left Ventricular Mass Regression Following Aortic Valve Replacement** 7 min.
Hosam F. Fawzy, Mostafa Eissa, Abdel Hadi Taha, Ehab Wahby, Dante Medici (Egypt, Italy)

Discussion 20 min.

Coffee Break (10:00 – 10:30)
 (Exhibition area, Floor 1)

10:30 – 12:00

«Meet the Expert»

Meet the Expert - Cardiology and Imaging in Cardiac Surgery			
May 26 (Sat) 10:30-12:00	Meet the Expert - Cardiology and Imaging in Cardiac Surgery	Congress Hall, 2F–B	
	Chair	Elena Z. Golukhova (Russia)	
	Chair	Olga L. Bockeria (Russia)	
	Chair	Sergey P. Marchenko (Russia)	
MCI 01-L-1	10:30-10:50	Myocardial revascularization in Stable Coronary Artery Disease patients with Diabetes Mellitus	Elena Z. Golukhova (Russia) Igor Sigaev (Russia)
MCI 01-L-2	10:50-11:10	Cardiac surgery in high risk patients	Olga L. Bockeria (Russia)
MCI 01-L-3	11:10-11:30	Embryological, anatomical and hemodynamic reference features of congenital heart defects	Sergey P. Marchenko (Russia)
	11:30-12:00	Discussion	

Luncheon Symposium (Raut-Business)
12:00 – 13:30

13:30 – 15:00

Adult Cardiac Surgery/Valves

SESSION – 2

MITRAL VALVE:

DATA SNAPSHOTS ON MITRAL VALVE REPAIR AND REPLACEMENT

Chairpersons: Song Wan (Hong Kong), David H. Adams (USA), Ivan I. Scopin (Russia)

AC/VAL-02- #652
 O-1 **Repair versus Replacement for the Surgical Correction of Degenerative Mitral Regurgitation: A Meta-analysis** 7 min.
Jun Chul Jeong, Myoung-jin Jang, Ho Young Hwang (South Korea)

AC/VAL-02- #890
 O-2 **Comparison of Annuloplasty Rings in Isolated Mitral Valve Regurgitation: Midterm Results** 7 min.
Ayse Karakoc, Ozge Altas, Onur Yerlikhan, Davut Cekmecelioglu, Kaan Kirali

(Turkey)

- AC/VAL-02-
O-3 #1001 **Midterm Outcome of Mitral Valve Repair with Artificial Chordae; Comparison between Anterior and Posterior leaflet Prolapse; Single Center Experience** 7 min.
Sameh Sayed, Dejan Radakovic, Costanaze Bening, Khaled Hamouda, Ina Schade, Veronika Gebhardt, Rainer Leyh, Ivan Aleksic (Germany)
- AC/VAL-02-
O-4 #1203 **Reconstruction of Coaptation Surface in Patients with Mitral Valve Prolapse by Using Pre-measured Gore-Tex Loops** 7 min.
Grigory Danilov, Ivan Scopin, Irma Tsiskaridze (Russia)
- AC/VAL-02-
O-5 #816 **The Results of the Multicenter Study of the Use of “Uniline” Biological Prosthesis in Mitral Valvular Disease** 7 min.
Natalia V. Rogulina, Sergei I. Zheleznev, Alexander V. Bogachev-Prokofiev, Alexey N. Pivkin, Eduard M. Idov, Alexander V. Mikhailov, Kristina A. Zykova, Yuri N. Odarenko, Alexander M. Karaskov, Leonid S. Barbarash (Russia)
- AC/VAL-02-
O-6 #517 **Beating Heart Mitral Valve Replacement in Patients with Chronic Severe Mitral Regurgitation and Left Ventricular Dysfunction** 7 min.
Hosam F. Fawzy, Ahmed Elshemy, Elatafy Elatafy, Ehab Wahby, Sameh Alamin, Amr Fawzy (Egypt)
- AC/VAL-02-
O-7 #996 **New Subvalvular Procedure Combined with Mitral Valve Replacement for Intractable Heart Failure** 7 min.
Yoshiro Matsui, Yasushige Shingu, Satoru Wakasa, Tomonori Ooka, Tsuyoshi Tachibana, Suguru Kubota (Japan)
- AC/VAL-02-
O-8 440 **Correlation between the Complexity Score and the Outcome of Mitral Valve Repair** 7 min.
Masaki Nakamura, Yutaka Sakakibara, Takeshi Ikuno, Yusuke Seki, Kazunobu Nishimura (Japan)
- AC/VAL-02-
O-9 #751 **Patient Prosthesis Mismatch in Mitral Position – a Myth or Reality** 7 min.
Anbarasu Mohanraj, Vijayanand Palanisamy, Saikumari Nagaraj, Rekha Arunagiri, Rajan Sethurathinam, Kurian M. Vallikapathalil (India)
- Discussion** 20 min.

Coffee Break (15:00 – 15:30)
(Exhibition area, Floor 1)

15:30 – 17:00
SESSION 3

**WHEN MEDICAL TREATMENT IS NOT POSSIBLE...:
STATE OF THE ART IN SURGICAL TREATMENT OF INFECTIVE ENDOCARDITIS**

Chairpersons: Ravil M. Muratov (Russia), Gennady G. Khubulava (Russia), Marc R. Moon (USA)

AC/VAL-03- O-1	#1138 Surgical Treatment of Infective Endocarditis: Prognostic Factors, Outcomes, Main Trends (25-Years Single Center Study) <u>Dmitry V. Griaznov</u> , Sergey A. Kovalev, Andrey V. Bulynin, Alexander N. Kinshov (Russia)	7 min.
AC/VAL-03- O-2	#1363 Initial Strategy for Aortic Valve Endocarditis Complicated with Heart Failure <u>Ryohei Matsuura</u> , Koichi Toda, Daisuke Yoshioka, Shigeru Miyagawa, Yasushi Yoshikawa, Hiroki Hata, Shunsuke Saito, Keitaro Domae, Takayoshi Ueno, Toru Kuratani, Yoshiki Sawa (Japan)	7 min.
AC/VAL-03- O-3	#650 Mid-term Results of Mitral Valve Repair in Active Infective Endocarditis <u>Thitipong Tepsuwan</u> , Pornpawee Sonthikraisitt, Chartaroon Rimsukcharoenchai, Apichat Tantraworasin, Noppon Taksaudom, Surin Woragidpoonpol, Suphachai Schuarattanapong, Weerachai Nawarawong (Thailand)	7 min.
AC/VAL-03- O-4	#464 Mid-term Results of Contemporary Approach for Tricuspid Valve Reconstruction due to Infective Endocarditis <u>Roman I. Amiragov</u> , Ravil M. Muratov, Svetlana I. Babenko, Dmitriy V. Britikov, Leo A. Bockeria (Russia)	7 min.
AC/VAL-03- O-5	#1099 Features of Surgical Treatment of Patients with Complicated Forms of Infective Endocarditis <u>Gennadiy Khubulava</u> , Andrey Peleshok, Nazim Shikhverdiev, Vladimir Krivopalov, Dmitriy Ushakov, Valeriy Sizenko (Russia)	7 min.
AC/VAL-03- O-6	#827 Outcome of Surgical Treatment for Infective Endocarditis with Aortic Periannular Abscess <u>Mao Ting</u> , Chih-Hsien Wang, Nai-Hsin Chi, I-Hui Wu, Shu-Chien Huang, Ron-Bin Hsu, Yih-Sharng Chen, Yih-Sharng Chen, Shoei-Shen Wang, Chung-I Chang, Hsi-Yu Yu (Taiwan)	7 min.
AC/VAL-03- O-7	#622 Study of Surgical Outcomes for Infective Endocarditis with Annular Abscess <u>Shota Hasegawa</u> , Naomichi Uchida, Hirohisa Murakami, Masamichi Matsumori, Masato Yoshida, Nobuhiko Mukouhara (Japan)	7 min.
AC/VAL-03- O-8	#1095 Acute Forms of Infective Endocarditis – Indications for Emergency Surgery <u>Gennadiy Khubulava</u> , Nazim Shikhverdiev, Andrey Peleshok, Dmitriy Ushakov, Vladimir Krivopalov, Valeriy Sizenko (Russia)	7 min.
AC/VAL-03- O-9	#1140 Immunohistochemical Evaluation of Collagen-I and Collagen-III Content in Heart Valve Tissue of Surgical Patients with Different Forms of Infective Endocarditis <u>Sergey A. Kovalev</u> , Dmitry V. Griaznov, Alexander N. Kinshov, Evgeniy V. Pershin (Russia)	7 min.

Discussion

10 min.

INTERVAL (10 min)

17:00 – 18:30

Furuse Award

SESSION

Graders: Leo A. Bockeria (Russia), Marc R. Moon (USA), Shinichi Takamoto (Japan), Igor Sigaev (Russia), Alex I. Kim (Russia)

- AF-O-1 #45
Tricuspid Annuloplasty with Combined Papillary Muscle Relocation by Spiral Suspension Technique 12 min.
Ichiro Matsumaru, Kiyoyuki Eishi, Kikuko Obase, Takashi Miura, Kazuyoshi Tanigawa, Tomohiro Odate, Yuichi Tasaki, Yutaro Kawaguchi (Japan)
- AF-O-2 #327
Outcome of Coronary Endarterectomy with CABG in Patients with Diffuse Coronary Artery Disease in Bangladesh 12 min.
Redoy Ranjan (Bangladesh)
- AF-O-3 #718
Mid-term Outcomes of Isolated Coronary Artery Bypass Grafting with Reduced Left Ventricular Function 12 min.
Hiroki Hata, Koichi Toda, Shigeru Miyagawa, Yasushi Yoshikawa, Shunsuke Saito, Keitaro Domae, Ryohei Matsuura, Shin Yajima, Yoshiki Sawa (Japan)
- AF-O-4 #1343
Aortic Valve Reconstruction with Autologous Pericardium in Children 12 min.
Sadahiro Sai, Satoshi Matsuo, Naoki Masaki (Japan)
- AF-O-5 #945
Excellent Durability and Bothersome Events after Mechanical Pulmonary Valve Replacement 12 min.
Han Ki Park, Yu Rim Shin, Young-Hwan Park (South Korea)
- Discussion** 30 min.

19:30-21:30

Gala Dinner

Congress Hall, 2F– C

08:30 – 10:00

Thoracic Surgery / Pulmonary/Chest Wall

SESSION

Moderators: Igor S. Polyakov (Russia), Alberto Oliaro (Italy), Evgenii Gavrilov (Russia)

- TS/PUL-01- #447
O-1 **Novel Biologic Risk Factors of Visceral Pleural Invasion in Early Non-Small Cell Lung Cancer Less Than 3cm** 7 min.
Han-Yu Deng, Gang Li, Yi-Dan Li (China)
- TS/PUL-01- #913
O-2 **Left Sleeve Pneumonectomy – a Series of Cases** 7 min.
Cordos Ioan, Orghidan George Mihnea, Paleru Cristian, Stoica Radu, Fotache Georgiana (Romania)
- TS/PUL-01- #335
O-3 **Bronchial Fistula and Myoplasty** 7 min.
Alberto Oliaro, Enrico Ruffini, Pierluigi Filosso, Paolo Lausi, Francesco Guerrera, Stefania Olivetti, Lorena Costardi, Matteo Roffinella, Giovanni Lanza, Elisa Fontana (Italy)
- TS/PUL-01- #239
O-4 **Preoperative Strategy for Identification of Multiple Primary Lung Adenocarcinomas** 7 min.
Yiliang Zhang (China)
- TS/PUL-01- #1200
O-5 **Single Incision Awake VATS for Multiloculated Effusion / Multiloculated Empyema: Experience of 152 Cases** 7 min.
Syed Zahid Ali Shah (Pakistan)
- TS/PUL-01- #415
O-6 **Can Lobe-specific Lymph Node Dissection Be an Alternative to Systematic Lymph Node Dissection in Treating Early-Stage Non-Small Cell Lung Cancer? A Comprehensive Systematic Review and Meta-Analysis** 7 min.
Han-yu Deng, Qinghua Zhou, Yidan Lin (China)
- TS/PUL-01- #336
O-7 **Cervico-sternotomy with Thoracotomy for Metastatic Cervico-mediastinal Adenopathy** 7 min.
Alberto Oliaro, Enrico Ruffini, Pierluigi Filosso, Paolo Lausi, Francesco Guerrera, Stefania Olivetti, Lorena Costardi, Matteo Roffinella, Giovanni Lanza, Elisa Fontana (Italy)
- TS/PUL-01- #967
O-8 **Surgical Treatment of Tumor Etiology Superior Vena Cava Syndrome** 7 min.
Evgenii Gavrilov, Gennadiy Khubulava, Viktor Tarasov, Iliya Larin (Russia)
- TS/PUL-01- #419
O-9 **Lobectomy with Systemic Lymphadenectomy and Superior Vena Cava** 7 min.

Reconstruction via Modified Hemi-clamshell Approach

Han-yu Deng, Qinghua Zhou (China)

TS/PUL-01- #588
O-10 **Computed Tomography-guided Dye Localization Prior to Uniportal Thoracoscopic Surgery for Lung Cancer** 7 min.
Tung ming Tsai (Taiwan)

TS/PUL-01- #346
O-11 **Analysis of Cause-Specific Mortality in Lung Cancer Surgery Older Than 80 Years: Japanese Multi-institutional Retrospective study** 7 min.
Haruaki Hino, Takahiro Karasaki, Yukihiro Yoshida, Takeshi Fukami, Atsushi Sano, Makoto Tanaka, Yoshiaki Furuhashi, Kosuke Kashiwabara, Junji Ichinose, Mitsuaki Kawashima, Jun Nakajima (Japan)

Discussion 20 min.

Coffee Break (10:00 – 10:30)
(Exhibition area, Floor 1)

10:30 – 12:00

«Meet the Expert»

Meet the Expert- Vascular Surgery

May 26 (Fri) 10:30-12:00		Meet the Expert- Vascular Surgery	Congress Hall, 2F- C
		Chair	Valery S. Arakelyan (Russia)
		Chair	Chris Malaisrie (USA)
		Chair	Vasiliy G. Papitashvili (Russia)
MV 01-L-1	10:30-10:50	Surgical treatment of aortic arch disorders	Valery S. Arakelyan (Russia)
MV 01-L-2	10:50-11:10	Minimally-invasive AVR	Chris Malaisrie (USA)
MV 01-L-3	11:10-11:30	Mid Aortic Syndrome	Vasiliy G. Papitashvili (Russia)
	11:30-12:00	Discussion	

Luncheon Symposium
12:00 – 13:30

13:30 – 15:00

Thoracic Surgery/Minimally Invasive Surgery

SESSION – 1

Moderators: P.K. Yablonskiy (Russia), Bernard J. Park (USA)

TS/MIN-01- #399
O-1 **The Preliminary Study on the operation of Pulmonary Under Uniportal Video-Assisted Thoracoscopy** 7 min.

Jiangzhou Peng, Jun Li (China)

- TS/MIN-01-
O-2 #389 **Unidirectional Progressive Resection of Left Upper Pulmonary Lobe Under Uniportal Video-Assisted Thoracoscopic Surgery** 7 min.
Jiangzhou Peng, Jun Li (China)
- TS/MIN-01-
O-3 #90 **Computed Tomography-Assisted Thoracoscopic Surgery for Deep Intrapulmonary Lesions. A Novel Approach** 7 min.
Eric D. Roessner, Micahel Kostrzewa (Germany)
- TS/MIN-01-
O-4 #924 **Risk Factors and Management of Recurrence After VATS for Primary Spontaneous Pneumothorax in Young Patients** 7 min.
Hyo Jun Jang, Sukki Cho, Yong Won Seong, Kwahnmien Kim, Sanghoon Jheon (South Korea)
- TS/MIN-01-
O-5 #574 **Laparoscopic Repair of Hiatal Hernia** 7 min.
Kook Joo Na, Ju Sik Yun, Seok Kim, Sang Yun Song (South Korea)
- TS/MIN-01-
O-6 #438 **Technique and Application of Bronchoplasty in Thoracoscopic Surgery** 7 min.
Tatsuo Nakagawa, Yasuaki Tomioka, Toshiya Toyazaki (Japan)
- TS/MIN-01-
O-7 #954 **ICG-Enhanced Fluorescence-Guided Thoracoscopic Surgery for Intrapulmonary Sequestration** 7 min.
Yoshio Tsunozuka, Hideki Fujimori, Nobuhiro Tanaka (Japan)
- TS/MIN-01-
O-8 #577 **Long-term Outcome of Video-assisted Thoracoscopic Surgery Versus Thoracotomy for Pathological N1 Stage Non-small Cell Lung Cancer** 7 min.
Hyeong Ryul Kim, Su Kyung Hwang, Se Hoon Choi, Yong Hee Kim, Dong Kwan Kim, Seung-Il Park (South Korea)
- TS/MIN-01-
O-9 #57 **Intentional Left Upper Mediastinal Node Dissection for Lung Cancer under VATS Compared with Thoracotomy** 7 min.
Shin-ichi Yamashita, Takeshi Shiraishi, Akinori Iwasaki, Masafumi Hiratsuka, Yasuhiro Yoshida, Ryuichi Waseda, Naoko Imamura, Asahi Nagata, Kozo Yamamoto, Ryo Mori (Japan)

Discussion 20 min.

Coffee Break (15:00 – 15:30)
(Exhibition area, Floor 1)

15:30 – 17:00

SESSION

The 22nd Annual Session of «Bakulev NMRC CVS»

Chairpersons: Leo A. Bockeria (Russia), Vladimir P. Podzolkov (Russia), TBD (Russia)

- | | | |
|----|--|---------|
| 1. | Academician Bakoulev Memorial Lecture | 20 min. |
| 2. | Academician Bourakovsky Memorial Lecture | 20 min. |
| | Distribution of Bakoulev and Bourakovsky Awards | 20 min. |

INTERVAL (10 min)

17:00 – 18:30

AATS Foundation Award

SESSION

Graders: Shaf Keshavjee (Canada), Andrey B. Ryabov (Russia), Igor S. Polyakov (Russia)

- | | | |
|---------------|--|---------|
| AA-01-
O-1 | #1010
Long-term Follow-Up of Patients with Esophageal Cancer After Minimally Invasive Esophagectomy (MIE)- NTUH experience of 483 cases
<u>Yu-han Huang</u> , Ke-Cheng Chen, Pei-Wen Yang, Pei-Ming Huang, Jang-Ming Lee (Taiwan) | 12 min. |
| AA-01-
O-2 | #683
Palliative Esophagectomy in Case of Unexpected Metastatic Disease: Sense or Nonsense?
<u>Lieven P. Depypere</u> , Johnny Moons, Toni E. Lerut, Willy Coosemans, Hans Van Veer, Philippe R. Naftoux (China) | 12 min. |
| AA-01-
O-3 | #944
Acetylated Histone H4K16 is Predictive of the Biology of Esophageal Adenocarcinoma
<u>Puja G. Khaitan</u> , Tej Pandita (USA) | 12 min. |
| AA-01-
O-4 | #318
Vagal-sparing Minimally Invasive Esophagectomy with Two-field Lymphadenectomy for Esophageal Carcinoma: Is It a Possible and Useful Alternative?
<u>Ahmed M. Daoud</u> , Zongfei Wang, Xianben Liu, Ruixiang Zhang, Yan Zheng, Haibo Sun, Shilei Liu, Xiankai Chen, Qi Liu, Yin Li (China) | 12 min. |
| AA-01-
O-5 | #148
Subtype of circulating tumor cells with relapse in resected Stage I lung adenocarcinoma
<u>Yanbin Sun</u> (China) | 12 min. |
| | Discussion | 30 min. |

19:30-21:30

Gala Dinner

Press Hall, 2F

08:30 – 10:00

Congenital Heart Surgery/Newborn Critical Congenital Cardiac

SESSION – 1

Chairpersons: Pedro Del Nido (USA), V. P. Podzolkov (Russia), Yu.N. Gorbatykh (Russia)

- CH/NEW-01- #1163
O-1 **Results of Stage Palliative Surgery for Hypoplastic Left Heart Syndrome** 7 min.
Mikhail Khokhlunov, Sergey Shorokhov, Irina Kozeva, Anton Avramenko, Vladimir Goryachev, Sergey Khokhlunov (Russia)
- CH/NEW-01- #303
O-2 **Transatrial Right Ventricle Outflow Reconstruction in Patients with Congenital Heart Disease** 7 min.
Anton A. Atmashkin, Vadim P. Didyk, Alex I. Kim, Tigran R. Grigoryants, Alex E. Popov, Maria V. Vlasova (Russia)
- CH/NEW-01- #273
O-3 **Ten Years' Experience of Arterial Switch Operation for Transposition of the Great Arteries in a Single Moscow City Hospital** 7 min.
Oleg Y. Kornoukhov, Mikhail V. Sokolnikov, Olga A. Ziamina, Valentina N. Tunenko, Vladimir N. Ilyin (Russia)
- CH/NEW-01- #320
O-4 **Yasui Operation after Norwood Procedure for VSD with Aortic Atresia or Interrupted Aortic Arch** 7 min.
Shu-chien Huang, HengWen Chou, YihSharng Chen (Taiwan)
- CH/NEW-01- #416
O-5 **Treatment Experience of Heart Tumors in Children Under 1 Year of Age** 7 min.
Denis Lyazin, L.A. Bockeria, D.O. Berishvili, I.Yu Baryshnikova, I.Ye. Nefedova, O.A. Stepanicheva, E.A. Andreeva (Russia)
- CH/NEW-01- #633
O-6 **Risk Factor for Recoarctation after Norwood Operation** 7 min.
Yasuyuki Kobayashi, Yasuhiro Kotani, Yosuke Kuroko, Naohiro Horio, Sachiko Kawada, Sadahiko Arai, Shunji Sano, Shingo Kasahara (Japan, USA)
- CH/NEW-01- #1356
O-7 **Coronary and Cerebral Perfusion During Arch Reconstruction in Neonates** 7 min.
Murat Uzdenov, Tsvetomir Loukanov, Matthias Gorenflo, Matthiás Karck (Germany)
- CH/NEW-01- #1234
O-8 **Results of Arterial Switch Operation for Transposition of the Great Arteries with Mild Left Ventricular Outflow Tract Obstruction** 7 min.
Qin Yan, Jing Hao Zheng, Hai Bo Zhang, Jin Fen Liu, Zhi Wei Xu (China)
- CH/NEW-01- #867
O-9 **Effectiveness of the Aortic Extended Anastomosis with Pulmonary Artery Banding in Neonates with Single Ventricle and Aortic Arch Obstruction** 7 min.
Yuriy Kulyabin, Yuriy Gorbatykh, Ilya Soynov, Nataliya Nichay, Alexey Zubritskiy (Russia)

CH/NEW-01- #1078
O-10 **Outcome of Arterial Switch Operation for Taussig-Bing Anomaly Versus Transposition of the Great Arteries And Ventricular Septal Defect**
Ersin Erek, Dilek Suzan, Okan Yildiz, Selim Aydin, Baris Kirat, Ozgen I. Kocyigit, Ibrahim H. Demir, Ender Odemis (Turkey)

Discussion

20 min.

Coffee Break (10:00 – 10:30)
(Exhibition area, Floor 1)

10:30 – 12:00

**The History and the Modern State
of Cardiovascular and Thoracic Surgery**

SESSION 1

Chairpersons: Shinichi Takamoto (Japan), Song Wan (Hong Kong)

- HC-01- # 6/H
O-1 **Cardiovascular Surgery in the USSR and RF** 12 min.
Leo A. Bockeria (Russia)
- HC-01- # 6/H
O-2 **Pioneers Who Inspired Following Generations of Thoracic Surgeons in China** 12 min.
Song Wan (Hong Kong)
- HC-01- # 6/H
O-3 **History of Cardiovascular and Thoracic Surgery in Japan** 12 min.
Yoshiro Matsui (Japan)
- HC-01- #1205
O-4 **The Current Status of Cardiac Surgery in South Asia** 12 min.
Nazmul Hosain, Farzana Amin, Somaiya Rehman, Bhagawan Koirala (Nepal)
- HC-01- #1025
O-5 **Overview of Thoracic Surgery in Vietnam** 12 min.
Uoc H. Nguyen (Viet Nam)
- HC-01- #787
O-6 **Technical Factors Affecting Cardiothoracic Surgery Mortality in Australian Hospitals** 12 min.
Justin Chan, Guy Maddern, Michael Worthington, Glenn McCulloch (Australia)
- Discussion** 20 min.

Luncheon Symposium
12:00 – 13:30

13:30 – 15:00

Anaesthesia, Critical Care /Cardiac and Thoracic Surgery

SESSION – 1

Chairpersons: Alexander A. Eryomenko (Russia), Michael M. Rybka (Russia), Thierry Caus (France)

- AN/CAR-01- #195
O-1 **Permanent Intraoperative Nitric Oxide Inhalation for Adults with High** 7 min.

Pulmonary Hypertension during Heart Valve Surgery with Cardiopulmonary Bypass

Vladimir Pichugin, Stepan Domnin, Alexander Medvedev, Alishir Gamzaev, Ilgiz Seyfedinov (Russia)

- AN/CAR-01-
O-2 #852
Desflurane Anesthesia for Cognitive Function Protection and Early Recovery of Elderly Patients Undergoing Carotid Endarterectomy 7 min.
Vladimir A. Aliev, Andrey Yavorovsky, Irina Mandel, Andrey Shaposhnikov, Roman Komarov (Russia)
- AN/CAR-01-
O-3 #819
Preoperative Anaemia Indeed Increases Operative Mortality after Isolated CABG: a Sharpened Risk Factor Identification with Sequential Analysis 7 min.
Thierry Caus, Lise Guerdoux, Charles Henri Gautier, Florentina Pater, Pierre Duhaut (France)
- AN/CAR-01-
O-4 #706
Double-Lumen Tube Tracheal Intubation in Patients with Difficult Airway Using Disposcope Endoscope: a Randomized Controlled Comparison with GlideScope 7 min.
Xuan Luo (China)
- AN/CAR-01-
O-5 #695
Impact of Diabetes Mellitus on Early Extubation in Post-CABG Patient 7 min.
Ho Yan Howard Chan (Hong Kong)
- AN/CAR-01-
O-6 #729
Modern Biomarkers as Predictors of Postoperative Lower Respiratory Tract Infection Development in Newborns and Children with Congenital Heart Diseases 7 min.
Artem Khrustalev, Dmitry Popov, Marina Plyushch, Olga Podshchekoldina (Russia)
- AN/CAR-01-
O-7 #479
Effect of Levosimendan and Milrinone Combination in Patients with Chronic Kidney Disease who Underwent Cardiac Surgery 7 min.
Omer F. Dogan, Emjed Khalil, Davut Azboy, Erhan Hafiz (Turkey)
- AN/CAR-01-
O-8 # 6/H
Proxodolol in the Treatment of Arterial Hypertension after Cardiovascular Surgery 7 min.
Alexander Eremenko, Liudov Sorokina, Natalya Kurochkina (Russia)
- AN/CAR-01-
O-9 #243
Prometheus Therapy for the Treatment of Acute Liver Failure in Patients after Cardiac Surgery 7 min.
Ekaterina Komardina, Michael Yaroustovsky, Marina Abramyan, Marina Plyushch (Russia)
- AN/CAR-01-
O-10 #1076
Epigallocatechin Gallate Attenuates Mitochondrial DNA-induced Inflammatory Damage in the Development of Ventilator-induced Lung Injury 7 min.
Jia Hu, Chao-Yi Qin, Peng Yang, Yao Huang, Zheng-Hua Xiao, Er-Yong Zhang (China)

Discussion

20 min.

Coffee Break (15:00 – 15:30)

(Exhibition area, Floor 1)

15:30 – 17:00

Perfusion

SESSION – 1

Chairpersons: Vladimir Mironenko (Russia), Tatiana Averina (Russia)

- PER-01- #30
O-1 **Cardiopulmonary Bypass Training Using New Mimic Blood Vessels and a Cardiopulmonary Bypass Simulator** 7 min.
Hiroshi Yasunaga, Kumiko Wada, Mau Amako, Tomoichi Kosuga, Nariak Aoyagi (Japan)
- PER-01- #749
O-2 **In vitro and Clinical Results of Closed Circuit Cardiopulmonary Bypass in Corporation with a Novel Venous Reservoir** 7 min.
Tsutomu Mitsuie, Kazuya Inoue, Masaki Nakamura, Yusuke Seki, Tsuyoshi Ikuno, Yutaka Sakakibara, Kazunobu Nishimura (Japan)
- PER-01- #1066
O-3 **Adaptive Perfusion in Aortic Arch Surgery** 7 min.
Tatiana B. Averina, Alexander S. Shundrov, Vladimir A. Mironenko, Sergey V. Rychin, Nidal A. Darvish (Russia)
- PER-01- #828
O-4 **Transfusion of Warm Fresh Whole Blood for Aortic Surgery** 7 min.
Toufik Hiaiche, Hazine Bousbah, Naim Bensadik, Bourzik Bensaadi, Omar Tounsi, Thierry Caus (France)
- PER-01- #681
O-5 **Intraoperative Autologous Platelet-Rich Plasma Collection from the Cardiopulmonary Bypass Circuit** 7 min.
Takeshi Honda, Kazuo Tanemoto, Takahiko Yamasawa, Hiroshi Furukawa (Japan)
- PER-01- #424
O-6 **Platelet Function During Platelet-rich Plasma Sequestration in Complex Cardiac Surgical Procedures – Prospective Controlled Study** 7 min.
Roman Hajek, Ondrej Zuscich, Ivo Flugler, Petr Caletka, Vladimir Lonsky, Petr Santavy, Ludek Slavik, Jana Ulehlova (Czechia)
- PER-01- #278
O-7 **Comparative Results of Cardioplegic ACH and HTK Solutions Use in Open Heart Surgery for Congenital Heart Disease in Children under One Year of Age** 7 min.
Alexey Popov, Danil Danilov, Vadim Rasumovsky, Ruben Movsesyan, Alexey Kim, Tatiana Rogova, Gevorg Bledjanz, Anton Atmashkin, Tamara Artyushina, Leo A. Bockeria (Russia)
- PER-01- #83
O-8 **Safety of Wet-primed Cardiopulmonary Bypass Circuits during Prolonged Standby** 7 min.
Umpaipan Thana, Tanyong Pipanmekaporn, Thitipong Tepsuwan, Jarin Phirompaksar, Niramol Balchon (Thailand)

Discussion

20 min.

INTERVAL (10 min)

17:00 – 18:30

Congenital Heart Surgery/Adult Congenital Cardiac

SESSION 1

Chairpersons: Vladimir P. Podzolkov (Russia), Alexander Medvedev (Russia),
Sergey V. Gorbachevskiy (Russia)

- CH/ADU-01- #42
O-1 **Total Correction for Tetralogy of Fallot in Adolescents and Adults** 7 min.
Amir M. Khan (Pakistan)
- CH/ADU-01- #491
O-2 **Warden's Procedure versus Single or Two-patch Repair Technique: 15 Years of Long-term Follow-up** 7 min.
Carine F. Pavy, Nathaly Gavira, Bertrand Miannay, Pierre Maminirina, Nadir Benbrik, Bénédicte Romefort, Patrice Guérin, Laurianne Legloan (France)
- CH/ADU-01- #1042
O-3 **Ventricular Septal Defect in Adults: Associated Complications and Results of Surgery** 7 min.
Anton V. Minaev, Vladimir P. Podzolkov, Mikhail M. Zelenikin, Vera I. Dontsova, Inga V. Zemlyanskaya (Russia)
- CH/ADU-01- #607
O-4 **Meta-analysis of Results of Hypertrophic Obstructive Cardiomyopathy Surgical Treatment** 7 min.
Marina Khitrova, Leo A. Bockeria, Lyudmila A. Glushko, Marina I. Berseneva, Svyatoslav L. Plavinskij, Marina V. Avdeeva, Magomed A. Abdurazakov (Russia)
- CH/ADU-01- #1240
O-5 **Pulmonary Valve Replacement in Adult Patients after Tetralogy of Fallot Type Operative Repair** 7 min.
Akihiro Masuzawa, Kondo Ryouiti, Tetuhiko Takaoka, Yasutaka Hirata, Minoru Ono (Japan)
- CH/ADU-01- #584
O-6 **Long-Term Results after Pulmonary Endarterectomy: a Single Center's 20 Years Experiences in China and its Pathological Result** 7 min.
Sheng Liu, Jiade Zhu, Yunhu Song (China)
- CH/ADU-01- #721
O-7 **15-Year Outcomes after Pulmonary Endarterectomy** 7 min.
Alexander Chernyavskiy, Alexander Edemskiy, Natalya Novikova, Elena Kliver (Russia)
- CH/ADU-01- #308
O-8 **Surgical Treatment of Pulmonary Thromboembolism: Our Experience** 7 min.
Alexander Medvedev, Vladimir Pichugin, Svetlana Nemirova, Anton Maximov, Olga Shirokova, Vladimir Chiginev, Oleg Demarin, Maria Kalinina (Russia)
- CH/ADU-01- #581
O-9 **The Potential Value of Qanadli Computed Tomography Index for Pulmonary Endarterectomy: a Semi-quantitative Analysis of the Relationship between the Pulmonary Artery Occlusion Severity and Pulmonary Hemodynamics** 7 min.
Jiade Zhu, Sheng Liu, Yunhu Song, Haiping Wang (China)

Discussion

20 min.

19:30-21:30
Gala Dinner

E-Poster (Oral) Session (Exhibition area, 1st Floor)

Zone – A

08:30 – 10:00

Endovascular Surgery

SESSION – 1

Chairpersons: Takanori Tsujimoto (Japan), Manolis Pursanov (Russia)

- ES-01- #1386
E-1 **Endovascular Approach in Treatment of Critical Lower Limb Ischemia** 4 min.
Simon Papoyan, Alexandr Schegolev, Dmitry Gromov, Maxim Sazonov (Russia)
- ES-01- #1338
E-2 **Endovascular Approach in Critical Limb Ischemia of TASC II C and D Aorto-iliac Lesions** 4 min.
Simon Papoyan, Alexandr Schegolev, Alexandr Mitichkin, Maxim Sazonov (Russia)
- ES-01- #314
E-3 **The Results of Endovascular and Open Revascularization Methods in Patients with Peripheral Arterial Disease on the Background of Diabetes Mellitus** 4 min.
Nikolay Lukianchikov, Anastasia Artemova, Petr Puzdryak, Michael Ivanov (Russia)
- ES-01- #312
E-4 **Possibilities of Endovasal Interventions in Case of Critical Ischemia in Patients with Metabolic Syndrome** 4 min.
Petr Puzdryak, Anastasia Artemova, Nikolay Lukianchikov, Michael Ivanov (Russia)
- ES-01- #542
E-5 **Endovascular Solution in Case of Abdominal Aortic Dissection with Bilateral Lower Limb Ischemia in a Man Trampled by a Bull** 4 min.
Jaroen Cheewinmethasiri, Nuttapon Arayawdhikul, Boonsap Sakboon, Angsu Chartrungsan (Thailand)
- ES-01- #578
E-6 **Result and Risk Analysis of Iliofemoral Complications during TEVAR** 4 min.
Seimei Go, Keijiro Katayama, Shohei Morita, Tatsuya Kurosaki, Shinya Takahashi, Taijiro Sueda (Japan)
- ES-01- #754
E-7 **Tracheo-brachiocephalic Fistula as a Complication of Tracheostomy Successfully Managed by Endovascular Stenting: a Case Report** 4 min.
Poh Suan Law, Ahmadi Salleh, Naresh Govindarajanthran (Malaysia)
- ES-01- #1130
E-8 **Transcatheter Closure of Pulmonary Arteriovenous Malformations** 4 min.
Manolis Pursanov, Karen Petrosyan, Vladimir Podzolkov, Sergey Gorbachevskiy, Andrey Sobolev, Gulamzhan Dadabaev, Horen Gevorkyan (Russia)
- ES-01- #1394
E-9 **Closure of ASD-II in Adults: Short-term and Long-term Follow-up** 4 min.
Dzhamil Asadov, David Iosseliani, Ilya Kovalchuk, Anna Rogatova, Vladislav Kriukov, Alexander Stepanov (Russia)

- ES-01- #372
E-10 **Immediate and Long-term Results of Percutaneous Coronary Intervention in Patients after Coronary Artery Bypass Grafting Using Intraoperative Angiography** 4 min.
Karen Petrosian, Leo Bockeria, Boris Mkrtychyan (Russia)
- ES-01- #476
E-11 **Coronary-Cameral Fistula Closure Using Different Types of Occluding Devices** 4 min.
Manolis G. Pursanov, Bagrat G. Alekyan, Vladimir P. Podzolkov, Gulamjan M. Dadabayev, Andrey V. Sobolev (Russia)
- ES-01- #624
E-12 **Popliteal Artery Entrapment Syndrome** 4 min.
Cem Lale, Orhan V. Dogan, Bedriye B. Sadikoglu (Turkey)

Discussion 30 min.

Coffee Break (10:00 – 10:30)
(Exhibition area, Floor 1)

13:30 – 15:00
Endovascular Surgery
SESSION – 2

Chairpersons: Simon Papoyan (Russia), Karen Petrosian (Russia), Dmitrii Kurtasov (Russia)

- ES-02- #1026
E-1 **Successful Endovascular Approach for Zone 0 Ascending Aortic Pseudoaneurysm as a Complication after Bentall Procedure** 4 min.
Tanil Ozer, Ozge Altas Yerlikhan, Mustafa Mert Ozgur, Atakan Tekin, Mehmet Aksut, Sabit Sarikaya, Kaan Kirali (Turkey)
- ES-02- #1054
E-2 **Surgical Management by Left Lower Lobectomy for Destroyed Lung due to Ruptured Descending Thoracic Aortic Aneurysm** 4 min.
Fumi Yokote, Satoshi Nagasaka, Yoshihito Arimoto, Satsuki Kina (Japan)
- ES-02- #1190
E-3 **Bilateral Use of Iliac Branched Graft in Treatment of Complex Aorto-iliac Aneurysm** 4 min.
Tanil Ozer, Ozge Altas, Mustafa M. Ozgur, Mehmet Aksut, Sabit Sarikaya, Mehmet K. Kirali (Turkey)
- ES-02- #1268
E-4 **Results of Transcatheter Treatment of Patients with Atherosclerotic Lesions of the Coronary and Carotid Arteries** 4 min.
Karen Petrosian, Leo Bockeria, Bagrat Alekyan, Karen Petrosian, Yuri Buziashvili¹, Olga Bockeria, Badri Makhaldiani (Russia)
- ES-02- #670
E-5 **Late Results of Endovascular Methods of Deep Vein Thrombosis Treatment** 4 min.
Alex Sereditckii, Boris Sukovatykh, Vadim Muradian, Andrey Azarov, Michael Sukovatykh, Andrey Lapinas (Russia)
- ES-02- #478
E-6 **Balloon Angioplasty of the Peripheral Thrombosis of the Pulmonary Artery in Treatment of Chronic Thromboembolic Pulmonary Hypertension** 4 min.
Issa A. Jeblawi, Manolis G. Pursanov, Sergey V. Gorbachevskiy, Andrey V. Sobolev, Gulamjan M. Dadabayev, Kamollidin H. Rakhmonov, Vladimir V. Losev (Russia)

- ES-02- #115
E-7 **The Effectiveness of Endovenous Methods of Treatment for Varicose Veins of Lower Limbs** 4 min.
Anna L. Kulakova, Andrej V. Protasov, Kirill E. Golovanev, Dmitrij L. Titarov (Russia)
- ES-02- #394
E-8 **Hemostatic Markers of Endothelial Dysfunction in Patients with Atherosclerotic Peripheral Arterial Disease before and after Endovascular Treatment** 4 min.
Igor A. Suchkov, Roman E. Kalinin, Nina D. Mzhavanadze, Emma A. Klimentova, Olga N. Zhurina, Aleksandr S. Pshennikov (Russia)
- ES-02- #160
E-9 **Improving of the Long-term Results after Stenting of the Superficial Femoral Artery – Intermediate Results of a Pilot Prospective Randomized Study**
Vladimir Starodubtsev, Pavel Ignatenko, Andrey Karpenko, Artem Rabtsun (Russia)

Discussion

30 min.

Coffee Break (15:00 – 15:30)
(Exhibition area, Floor 1)

15:30 – 17:00
Hybrid Surgery

Chairpersons: Valery S. Arakelyan (Russia), Manolis Pursanov (Russia), Shigeru Hosaka (Japan)

- HS-01- #964
E-1 **Proactive Intervention for Bleeding Control in Surgery for Complex Aortic Disease: a Hybrid Approach** 4 min.
Uoc H. Nguyen, Son T. Nguyen, Tien N. Le (Viet Nam)
- HS-01- #265
E-2 **Hybrid Stenting of Hypoplastic Pulmonary Arteries in Surgical Repair of Complex CHD** 4 min.
Vladimir V. Losev, Manolis G. Pursanov, Mikhail R. Chiaureli, Konstantin V. Shatalov, David O. Berishvili, Alexey I. Kim, Andrey V. Sobolev, Irina V. Arnautova, Ashot O. Baveyan (Russia)
- HS-01- #232
E-3 **Clinical Study of the First-Stage Antegrade Thoracic Endovascular Aortic Repair after Total Arch Replacement** 4 min.
Taisuke Nakayama, Shingo Isshiki, Mayuko Nakayama, Takashi Harada, Hideki Sasaki, Hiroshi Ishitoya (Japan)
- HS-01- #1072
E-4 **New Frozen Elephant Trunk: Combination with Arch Replacement Using Translocation Technique and Tag Deployment via Arch Graft** 4 min.
Shigeru Hosaka, Shunichiro Fujioka, Yusuke Irisawa, Tetsuya Horai, Koki Takizawa, Hiroshi Osawa (Japan)
- HS-01- #678
E-6 **The Clinical Impact of the Spring Back Force of the Bending Frozenix Produced Open Stent-graft** 4 min.
Katsukiyo Kitabayashi, Masayuki Sakaki, Takashi Murakami (Japan)
- HS-01- #629
E-7 **Emergency Surgical Approach in Type-3 Endoleak Treatment: Case Report** 4 min.
Orhan V. Dogan, Cem Lale, Bedriye B. Sadikoglu (Turkey)

#543

HS-01- **Successful Hybrid Revascularization of Rt. Iliac Axis and Common Femoral Artery Occlusion (TASC D) after Failing Femoro-femoral Crossover Bypass** 4 min.
E-9
Jaroen Cheewinmethasiri, Nuttapon Arayawdhikul, Boonsap Sakboon, Angsu Chartrungsan (Thailand)

Discussion

40 min.

17:00 – 18:30

Cardiology and Imaging in Cardiac Surgery/Intraoperative and Early Assessment of the Results of Surgery

Chairpersons: Tea T. Kakuchaya (Russia), Ivan V. Klyuchnikov (Russia)

CI/INT-01- #804
E-1 **The Impact of Coronary Heart Disease on Energy Efficiency of the Epicardium of the Left Ventricle** 4 min.
Olga Bockeria, Tatyana Le, Anna Satyukova, Marina Mironenko, Lyudmila Glushko, Vladimir Schwartz (Russia)

CI/INT-01- #1161
E-2 **Aerobic Interval Training in Optimizing the Effects of Open Heart Surgery** 4 min.
Nona Pachuashvili, Tea Kakuchaya, Tamara Djitava, Leo Bokeria, Arjana Kuular, Angelina Filatova, Nataly Vasukova (Russia)

CI/INT-01- #1361
E-3 **Indexes of End Volumes as Indicators of Severity of Heart Failure** 4 min.
Dinara S. Gazizova, Lidia V. Sazykina (Russia)

CI/INT-01- #74
E-4 **Volume Assessment of Borderline Double Outlet Right Ventricle with 3D Technology** 4 min.
Masakazu Nakao, Guangyu Zhu, Munirah Binte Ismail, Joon-Hock Yeo (Singapore)

CI/INT-01- #775
E-5 **18F-FDG PET/CT in the Detection of Prosthetic Valve Endocarditis: a Pilot Study** 4 min.
Diana M. Pursanova, Leo A. Bockeria, Iraklii P. Aslanidis, Renat M. Muratov, Olga V. Mukhortova, Irina V. Shurupova, Tatyana A. Trifonova, Irina V. Ekaeva (Russia)

CI/INT-01- #906
E-6 **Immediate and Long-term Results of Percutaneous Coronary Interventions in Patients with Ischemic Heart Disease and Concomitant Oncopathology** 4 min.
Mikhail M. Dombrovskiy, Tatyana G. Nikitina, Karen V. Petrosyan, Bagrat G. Alekryan (Russia)

CI/INT-01- #1277
E-7 **The Predictive Capabilities Speckle Tracking Echocardiography in Patients with Severe Ischemic Left Ventricle Dysfunction** 4 min.
Natalia Bikbova, Ivan Klyuchnikov, Nadezda Kharitonova, Marat Sagirov, Jacob Brand (Russia)

CI/INT-01- #871
E-8 **The Impact of Physical Rehabilitation on Energy Provision Systems in Patients after Open Heart Surgery** 4 min.
Arzhana M. Kuular, Tea T. Kakuchaya, Tamara G. Djitava, Nona V. Pachuashvili, Natalia O. Vasyukova (Russia)

Discussion

30 min.

**E-Poster (Oral) Session
(Exhibition area, 1st Floor)**

Zone – B

08:30 – 10:00

**Vascular Surgery
SESSION – 1**

Moderators: Igor A. Suchkov (Russia), Vasiliy G. Papitashvili (Russia)

- VS-01- #175
E-1 **Open Vascular Repair of Superior Mesenteric Artery Aneurysm in a Pediatric Patient with Rheumatic Triple Valve Insufficiency** 4 min.
Brent Andrew G. Viray, Alduz Inri S. Cabasa, Gianina Kasandra A. Grey, Gisel T. Catalan (Philippines)
- VS-01- #134
E-2 **Informativity of Different Methods of Research in the Developmental Lymphatic System** 4 min.
Alexandr Malinin (Russia)
- VS-01- #528
E-3 **Multilayer Graft Formed from the Decellularized Vessel and Bioresorbable Material as a Possible Vascular Prosthesis** 4 min.
Aleksandr V. Kriventsov, Victor N. Aleksandrov, Mariya A. Figurkina, Sergey V. Kromskiy, Ekaterina V. Mikhaylova, Pavel V. Popryadukhin, Vasiliy S. Sidorin, Gennadiy G. Khubulava (Russia)
- VS-01- #1083
E-4 **Costs for Hospital Treatment of Surgical Vascular Diseases (by the Example of the Moscow Region)** 4 min.
Aleksandr V. Zubko, Tamara P. Sabgayda (Russia)
- VS-01- #334
E-5 **Our Strategy in a Patient with Large Abdominal Aortic Aneurysm and Symptomatic Coronary Artery Disease** 4 min.
Kazim Ergunes, Levent Yilik, Orhan Gokalp, Yuksel Besir, Ismail Yurekli, Erturk Karaagac, Yasar Gokkurt, Ali Gurbuz (Turkey)
- VS-01- #1065
E-6 **Dorsal False Lumen: Segmental Communicating Artery and Spinal Cord Ischemia in Type A Acute Aortic Dissection** 4 min.
Shinya Takahashi, Keijiro Katayama, Seimei Go, Shohei Morita, Tatsuya Kurosaki, Kazuki Maeda, Taijiro Sueda (Japan)
- VS-01- #1273
E-7 **A Case of Middle Aortic Syndrome Presented as Both Lower Limb Claudication and Bilateral Non-Infective Epididymo Orchitis** 4 min.
Abdul Rasheed mh, Ravikrishnan Jayakumar, Shafeek A (India)
- VS-01- #497
E-8 **The Importance of Subclavian and Hypogastric Arteries of Onset and Recovery of Spinal Cord Injury (Research Study)** 4 min.
Valeriy Arakelyan, Aleksandr Gorogkov, Vasiliy Papitashvili, Vladislav Khon, Yurii

Tcygankov, Andrey Agafonov, Shota Zhorzholiani, Nikita Gidasov, Roman Bukatsello, Inna Chshieva (Russia)

- VS-01- #291
E-9 **Revascularization for Chronic Mesenteric Ischemia: 55 Years of Progress** 4 min.
Valeriy S. Arakelyan, Roman G. Bukatsello, Inna V. Chshieva (Russia)
- VS-01- #821
E-10 **Results of Surgical Treatment of Patients with Lesions of the Renal Arteries** 4 min.
Valery S. Arakelyan, Nikita A. Gidasov, Pavel P. Kulichkov, Nikolay A. Chigogidze (Russia)
- VS-01- #1017
E-11 **Results of Open Surgery in the Treatment of the Renal Vein Compression** 4 min.
Sergey I. Pryadko, Valery S. Arakelyan (Russia)
- VS-01- #638
E-12 **Morphological Assessment of Vascular Wall in Ischemia Reperfusion Model** 4 min.
Igor A. Suchkov, Roman E. Kalinin, Aleksandr S. Pshennikov, Nina D. Mzhavanadze, Maksim V. Mnikhovich, Roman V. Deev (Russia)
- Discussion** 30 min.

Coffee Break (10:00 – 10:30)
(Exhibition area, Floor 1)

13:30 – 15:00

Vascular Surgery
SESSION – 2

Moderators: Roman N. Komarov (Russia), Nidal A. Darvish (Russia)

- VS-02- #976
E-1 **Tumor and Thrombotic Obstruction of the Inferior Vena Cava - Causes, Variants of Formation, Diagnosis, Surgical Treatment** 4 min.
Evgenii Gavrilov, Gennadiy Khubulava, Viktor Tarasov, Iliya Larin (Russia)
- VS-02- #1023
E-2 **Laser Energy Effect on Blood Cells, Vascular Endothelium and Thrombosis** 4 min.
Gennadiy G. Khubulava, Andrey B. Sazonov, Ruslan A. Ahadov, Kirill V. Kitachov, Roman O. Nagibovich (Russia)
- VS-02- #1158
E-3 **The Optimal Method of Reconstruction of the Atherosclerotic Stenosed Vertebral Artery in the First Segment** 4 min.
Roman Komarov, Oleg Vinogradov, Andrey Dzyundzya, Aleksey Puzanov (Russia)
- VS-02- #823
E-4 **Tissue-Engineered Vascular Graft of Small Diameter Based on Electrospun Polylactide Microfibers** 4 min.
Guriy Popov, Valeriy Vavilov, Pavel Popryadukhin, Irina Dobrovolskaya, Elena Ivan'kova, Vladimir Yudin, Galina Yukina (Russia)
- VS-02- #675
E-5 **Key features of circulation restoration in the inferior mesenteric artery basin after open abdominal aortic and iliac reconstructions** 4 min.
Roman O. Nagibovich, Gennady G. Khubulava, Andrey B. Sazonov, Kirill V. Kitachov, Konstantin Y. Petrov, Alfia M. Gairkhanova, Ruslan A. Ahadov (Russia)
Medical Military Academy St.Petersburg, St.Petersburg,

- VS-02- #333
E-6 **Our Surgical Strategy in a Patient Developing Aortoduodenal Fistula after Six Months from Aortobifemoral Bypass** 4 min.
Kazim Ergunes, Yuksel Besir, Levent Yilik, Ismail Yurekli, Orhan Gokalp, Koksal Donmez, Utkan Tunca, Ali Gurbuz (Turkey)
- VS-02- #635
E-7 **Effectiveness of Different Low Molecular Weight Heparins in Patients with Deep Venous Thrombosis** 4 min.
Igor A. Suchkov, Roman E. Kalinin, Nina D. Mzhavanadze, Aleksandr S. Pshennikov, Andrey B. Agapov, Aleksandr A. Tsaregorodtsev (Russia)
- VS-02- #293
E-8 **Vascular Endothelial Growth Factor Plasmid «Neovasculgen» in the Treatment of Chronic Limb Ischemia** 4 min.
Olga A. Demidova, Olga L. Bockeria, Valery S. Arakelyan, Roman V. Deev, Marina A. Karaseva, Astine G. Airoyn, Leo A. Bockeria (Russia)
- VS-02- #1150
E-9 **Method for Predicting Outcomes of Arterial Ischemia Surgical Treatment** 4 min.
Roman Komarov, Andrey Dzyundzya, Oleg Vinogradov, Philipp Kopylov, Garik Frangulyan, Yuri Vassilevski, Sergey Simakov (Russia)
- VS-02- #562
E-10 **The Results of Reconstruction of Popliteal Artery and Tibial Arteries in Acute Limb Ischemia** 4 min.
Vladimir Zolkin, Ivan Bogomazov, Vladimir Shypovskii, Ivan Korotkov, Nikita Maksimov, Ivan Tischenko (Russia)
- VS-02- #498
E-11 **Results of Treating Patients with Critical Limb Ischemia Using a Naked Plasmid-based Vascular Endothelial Growth Factor 165 (pl-VEGF165) Gene Therapy** 4 min.
Chervyakov V. Yuriy, Staroverov N. Ilya, Nam H. Ha (Russia)
- VS-02- #926
E-12 **Indwelling Time of Tunnelled Dialysis Catheter in Patients with Autogenous or Prosthetic Arteriovenous Access** 4 min.
Tae sik Kim, Jin Sung Yang, Jung Soo Jo, Hyang Mo Koo (South Korea)
- VS-02- #359
E-13 **To Choose Optimality Methods (Carotid Subclavian Bypass or Stenting of Subclavian) of Treatment Group of Patients with Occluded-Stenosed First Segment of a Subclavian** 4 min.
Alexander V. Gavrilenko, Vladimir A. Ivanov, Andrey V. Kuklin, Nadeem N. Al-Yousef, Gyurikhan Magomedova (Russia)

Discussion

30 min.

E-Poster (Oral) Session (Exhibition area, 1st Floor)

Zone – C

08:30 – 10:00

Adult Cardiac Surgery/Coronary

Moderators: Andrey A. Shiryayev (Russia), Robert Michler (USA)

- | | | | |
|----------------|--------------|---|--------|
| AC/COR
EP-1 | 03-
#655 | The Results of Intraoperative Bypass Angiography in Surgical Myocardial Revascularization: Three Year Experience of One Centre
<u>Vladimir V. Losev</u> , Manolis G. Pursanov, Andrey V. Sobolev, Pavel V. Vartanov, Aslan V. Karaev, Leo A. Bockeria (Russia) | 4 min. |
| AC/COR
EP-2 | 03-
#118 | The Cognitive Function and Neurologic Status of Patients over 75 Years Depending on the Choice of Surgical Revascularization
<u>Artem Stepin</u> , Sergey Matveev, Dmitry Mamontov (Russia) | 4 min. |
| AC/COR
EP-3 | 03-
#305 | Minimally Invasive Coronary Surgery as a Primary Strategy for Reoperative Myocardial Revascularization
<u>Artak Kazaryan</u> , Igor U. Sigaev, Maksim V. Starostin, Beka D. Morchadze, Ivan V. Pilipenko, Afanasiy A. Nazarov, Ekaterina A. Kolesnikova, Petr V. Gusev, Edgar C. Beglaryan (Russia) | 4 min. |
| AC/COR
EP-4 | 03-
#1155 | All hands to the pumps! Is it all doom and gloom for off-pump coronary surgery?
<u>Edward J. Caruana</u> , Sendhil K. Balasubramanian, Selveraj Shanmuganathan, Suren Naik, Adam Szafrank (United Kingdom)
Nottingham University Hospitals, Nottingham, | 4 min. |
| AC/COR
EP-5 | 03-
#1281 | Bilateral Internal Thoracic Artery T-grafting with and without Cardiopulmonary Bypass
<u>Stanislav Tsygelnikov</u> , Ivan Pets, Andrey Lebedev, Viktor Pshenichnykh, Tatyana Polyakova, Sergey Kurnosov (Russia) | 4 min. |
| AC/COR
EP-6 | 03-
#725 | Stroke after CABG. How We Reduce It! Single-centre Prospective Study of 4000 Patients
<u>Andrey Marchenko</u> , <u>Pavel Myalyuk</u> , Alexey Vronskiy (Russia) | 4 min. |
| AC/COR
EP-7 | 03-
#482 | Assessment of BEAT Simulator Training System for Coronary Artery Anastomosis; the Interim Result
<u>Hikaru Matsuda</u> , Young-Kwang Park, Hitoshi Yaku, Hitoshi Yokoyama (Japan) | 4 min. |
| AC/COR
EP-8 | 03-
#1251 | Early Outcome of Coronary Artery Bypass Grafting Combined with Coronary Endarterectomy
<u>Heston Napitupulu</u> , Andreas Willianto, Sylvie Sakasasmita, Royman Simanjuntak, Leonardo P. Suciadi, Antono Sutandar, Maizul Anwar (Indonesia) | 4 min. |

Discussion

30 min.

Coffee Break (10:00 – 10:30)
(Exhibition area, Floor 1)

17:00 – 18:30

Minimally Invasive and Robotic Cardiac Surgery

Chairpersons: Yuriy A. Schneider (Russia), Igor I. Chernov (Russia), Markus Mach (Austria)

- AC/MIN- #523
01-E-1 **Minimally Invasive Ozaki Procedure in Severe Aortic Regurgitation: the Preliminary Results** 4 min.
Dinh Nguyen, Anh T. Vo, Thanh T. Vu, Trang Nguyen, Thien Vu, Chuong Pham, Tuan Anh T. Pham, Khoi Le (Viet Nam)
- AC/MIN- #344
01-E-2 **Minimally Invasive Mitral Valve Replacement for Double Outlet Mitral Valve** 4 min.
Lowell C. Leow, Guohao Chang, Mohammad Z. Rahman, Theodoros Kofidis (Singapore)
- AC/MIN- #1180
01-E-3 **Transcatheter Aortic Valve Implantation in Morphologically Complex Root-Aneurysms** 4 min.
Markus Mach, Bernhard Winkler, David Santer, Harald Pisarik, Martin Grabenwöger (Austria)
- AC/MIN- #1121
01-E-4 **Surgery of Two or More Heart Valves through a Mini-access** 4 min.
Sergei Makeev, Igor Chernov, Dmitry Kozmin, Soslan Enginiev, Gasan Magomedov, Dmitry Tarasov (Russia)
- AC/MIN- #268
01-E-5 **Initial Experience with Upper and Lower Mini-sternotomy for Single and Multiple Valve Heart Surgery** 4 min.
Mikhail Nuzhdin, Anton Baranov, Artem Tsarkov, Aleksey Fokin, Ilya Melnikov, Denis Loganencko, Yury Malinovsky (Russia)
- AC/MIN- #743
01-E-6 **Our Experience of Total Endoscopic Left Atrial Appendectomy in a Case for Contraindication of WATCHMAN Device** 4 min.
Takaharu Shimizu, Kanan Kurahashi, Satoshi Nishi, Akihiro Yoshimoto, Sei Morizumi, Yoshihiro Suematsu (Japan)
- AC/MIN- #225
01-E-7 **Effects of Preoperative Autologous Blood Donation in Patients Undergoing Open Heart Surgery** 4 min.
Mihee Lim, Hyunggon Je, Sang-Kwon Lee, Ji Hye Lee (South Korea)
- AC/MIN- #617
01-E-8 **Mini vs Full Sternotomy in Aortic Root Repair: a Systematic Review and Meta-analysis** 4 min.
Amer Harky, Mohamad Bashir (United Kingdom)

Discussion

30 min.

**E-Poster (Oral) Session
(Exhibition area, 1st Floor)**

Zone – D

08:30 – 10:00

**The History and the Modern State
of Cardiovascular and Thoracic Surgery**

Chairpersons: Uoc H. Nguyen (Viet Nam), Sergey P. Glyantsev (Russia)

- HC-01- #256
E-1 **Russian Biologist Vladimir Demikhov (1916–1998) and his Contribution in the Research of the Problem of Vital Organs Transplantation** 4 min.
Sergey P. Glyantsev (Russia)
- HC-01- #1224
E-2 **The Formation of the Cardiac Surgery in the Military Medical Academy named after S.M. Kirov** 4 min.
Valeriy Sizenko, Gennadiy Khubulava (Russia)
- HC-01- #1056
E-3 **The Early Days of Cardiac Surgery in South Asia** 4 min.
Nazmul Hosain (Bangladesh)
- HC-01- #262
E-4 **Russian Physiologist Sergey Bryukhonenko (1890–1960) and his Contribution to the Development of Artificial Circulation** 4 min.
Sergey P. Glyantsev, Pavel M. Bogopolsky (Russia)
- HC-01- #1321
E-5 **Beyond Barnard: Remembering Other Contributors and Competitors on the Golden Jubilee Year of First Human Heart Transplantation** 4 min.
Nazmul Hosain, Farzana Amin² (Canada)
- Discussion** 30 min.

**Coffee Break (10:00 – 10:30)
(Exhibition area, Floor 1)**

13:30 – 15:00

Congenital Heart Surgery/Pediatric Congenital Cardiac

Chairpersons: Vladlen V. Bazylev (Russia), Sergej S. Volkov (Russia)

- CH/PED-01- #1100
E-1 **The Application of Getex-pulmonary Valve for Reconstruction of the Right Ventricular Outflow Tract in South China: the Experience of 35 Cases in a Single Center** 4 min.
Jimei Chen, Yong Zhang, Gang Xu, Shusheng Wen, Jianzheng Cen, Hujun Cui, Xiaobing Liu, Xiaohua Li, Yun Teng, Jian Zhuang (China)
- CH/PED-01- #155
Complete Repair of Aortic Coarctation and Ventricular Septal Defect 4 min.

- E-2 **without Cardiopulmonary Bypass**
Alexey Voitov, Alexander Omelchenko, Yuriy Gorbatykh, Artem Gorbatykh, Ilya Soynov, Nataliya Nichay, Yuriy Kulaybin, Alexey Zubritskiy, Alexandr Bogachev-Prokophiev, Alexandr Karaskov (Russia)
- CH/PED-01- #458
E-3 **Hybrid Stenting of the Right Ventricle Outflow Tract, as a Method of Palliative Care for Infants with a Critical Obstruction of the Right Ventricle Outflow Tract** 4 min.
Pavel V. Teplov, Alexey S. Ilin, Evgeniy V. Sahnov, Dmitriy P. Stolyarov, Arina V. Vityutneva, Konstantin A. Ilinyih (Russia)
- CH/PED-01- #294
E-4 **20-Years Experience with Pulmonary Allograft in Pediatric Heart Surgery: Diferent Techniques and Results** 4 min.
Sergej S. Volkov, Mikhail A. Zelenikin, Mikhail M. Zelenikin, Dmitrij V. Britikov, Ivan T. Narmania (Russia)
- CH/PED-01- #634
E-5 **New Valved Conduits for RVOT Reconstruction as a Possible Alternative to Homografts and Contegra Conduits. Manufacturing Technique and First In Vitro Examination** 4 min.
Vachtang Kostava, Marina Zelivyanskaya, Zhanneta Kondratenko, Irina Lyutova (Russia)
- CH/PED-01- #766
E-6 **Results of Correction of Ebstein Anomaly Using the Cone Reconstruction Technique** 4 min.
Nikita M. Troshkinev (Russia)
- CH/PED-01- #230
E-7 **Cone Reconstruction of the Tricuspid Valve in Children with Ebstein's Anomaly** 4 min.
Denis S. Akatov, Vyacheslav A. Belov, Dina E. Khomich, Andrey A. Makarov, Sergey N. Kotov, Nataliya V. Ganukova, Yuriy A. Shneider (Russia)
- CH/PED-01- #355
E-8 **Early results and risk factors of bidirectional cavopulmonary anastomosis in children** 4 min.
Dmitriy K. Guschin, Mikhail M. Zelenikin, Sergey S. Volkov, Mikhail A. Zelenikin (Russia)
- CH/PED-01- #984
E-9 **Future direction for evidence based research in congenital heart disease: assessment of the cardiorespiratory system** 4 min.
Lyudmila A. Glushko, Leo A. Bockeria, Olga A. Bockeria, Anna Y. Zavarina, Valentina N. Shvedunova, Niyole A. Putyato, Leysan I. Mustafina, Anna A. Tokovenko (Russia)
- CH/PED-01- #356
E-10 **Are we satisfied with conventional thromboprophylaxis after univentricular repair?**
Dmitriy K. Guschin, Aleksey A. Kupryashov, Mikhail M. Zelenikin, Artem B. Nikiforov, Ivan T. Narmaniya, Anastasiya V. Scherbak, Denis A. Dibin (Russia)

Discussion

30 min.

Coffee Break (15:00 – 15:30)
(Exhibition area, Floor 1)

15:30 – 17:00

Congenital Heart Surgery/Adult Congenital Cardiac

Chairpersons: Sergey V. Gorbachevskiy (Russia), Andrey A. Svobodov (Russia),
Michail R. Chiaureli (Russia)

- CH/ADU-01- #330
E-1 **Rupture of a left coronary sinus of Valsalva aneurysm into the left ventricle** 4 min.
Kazim Ergunes, Banu Lafci, Levent Yilik, Ismail Yurekli, Ismail Yurekli, Orhan Gokalp, Yuksel Besir, Yasar Gokkurt, Ali Gurbuz (Turkey)
- CH/ADU-01- #1063
E-2 **Mid-term Results of Bidirectional Cavopulmonary Anastomosis in Adult Patients with Functionally Single Ventricle** 4 min.
Dmitry Kovalev, Vladimir Podzolkov, Ivan Yurlov, Victor Samsonov, Tatyana Astrakhantseva, Anton Minaev, Nikolay Chikin, Vera Dontsova, Olga Medvedeva (Russia)
- CH/ADU-01- #360
E-3 **Selection Criteria for Axillary Arteriovenous Fistula in Patients with Functionally Single Ventricle after Cavopulmonary Shunt** 4 min.
Dmitry Kovalev, Vladimir Podzolkov, Ivan Yurlov, Michail Zelenikin, Victor Samsonov, Nickolay Chikin, Manoulis Pursanov, Ludmila Yurpol'skaya, Tatayna Mataeva (Russia)
- CH/ADU-01- #47
E-4 **Ruptured Sinus of Valsalva into the Right Ventricle Masking Ventricular Septal Defect: 2 Cases Report** 4 min.
Hatem Sarhan, Abdul Wahid Al-Mulla, Abdel Haleem Shawky, Smitha Kumar (Qatar)
- CH/ADU-01- #1135
E-5 **Mid-term Outcome of Handmade Trileaflet Polytetrafluoroethylene Valved-conduit with Sinus for Severe post Correction Pulmonary Regurgitation** 4 min.
Chung-i Chang, Kang-Hong Hsu, Te-I Chang (Taiwan)
- CH/ADU-01- #1046
E-6 **Effect of Sex Hormones on Early Surgical Outcomes in Fertile Women with Congenital Heart Disease** 4 min.
Haiyun Yuan, Jimei Chen, Xiaobing Liu, Gang Xu, Shusheng Wen, Yanqiu Ou, Zhiqiang Nie, Jian Zhuang (China)
- CH/ADU-01- #918
E-7 **Inhaled Nitric Oxide in Patients with Acute Pulmonary Embolism and Pulmonary Hypertension** 4 min.
Alexandra Yarovaya, Vladimir Zolkin, Alexandr Chuchalin (Russia)
- CH/ADU-01- #194
E-8 **Emergency surgery following failed PDA device closure- A case report** 4 min.
Raghav Johari, Deepak Tiwari, Muneesh Batheja (India)
- CH/ADU-01- #951
E-9 **Surgical Management of Giant right coronary artery with a right ventricle fistula: a case report** 4 min.
David I. Akbar (Indonesia)

Discussion

20 min.

