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

## Program at a glance

<table>
<thead>
<tr>
<th>Time</th>
<th>Foyer 1F</th>
<th>Congress Hall, 2F</th>
<th>Press Hall, 2F</th>
<th>Hall 1F</th>
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<td>12:00-13:30</td>
<td>Registration</td>
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<td>18:30 – 20:30</td>
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### DAY-02 / May 25 (Fri)

- **Coffee Break (10:00-10:30 -)**
- **Plenary Session Meeting with A Legend**
- **GT 01 Lung Transplantation**
- **GA 01 Coronary**
- **GV 01 Vascular Surgery**
- **GT 02 Esophagus**
- **GC 01 Pediatric Congenital Cardiac**
- **Coffee Break (15:00-15:30)**
- **GA 03 Coronary**
- **GV 02 Vascular Surgery**
- **GT 03 Mediastinum**
- **GC 02 Pediatric Congenital Cardiac**
- **18:30 – 20:30 Presidential Dinner (Invited Only)**
DAY-02 / May 25 (Friday)  
Congress Hall, 2F– A  
«Meet the Expert»

<table>
<thead>
<tr>
<th>Meet the Expert - Adult 01</th>
<th>May 25 (Fri) 08:30-10:00</th>
<th>Congress Hall, 2F– A</th>
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<tr>
<td>Chair</td>
<td>David H. Adams (USA)</td>
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<td>Robert Michler (USA)</td>
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<tr>
<td>MA 01-L1 08:30-08:50</td>
<td>Chair</td>
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<td>Alexander M. Karaskov (Russia)</td>
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<td></td>
<td>Mitral valve repair in 2018: Current standards and controversies</td>
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<td>David H. Adams (USA)</td>
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<tr>
<td>MA 01-L2 08:50-09:10</td>
<td>Ischemic mitral regurgitation: Lessons from the Cardiothoracic Surgery Network trials</td>
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<td>Robert Michler (USA)</td>
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<tr>
<td>MA 01-L3 09:10-09:30</td>
<td>Surgical Treatment of Aortic Root Abscess</td>
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<td>Ravil M. Muratov (Russia)</td>
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<tr>
<td>09:30-10:00</td>
<td>Discussion</td>
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Coffee Break (10:00 – 10:30)  
(Exhibition area, Floor 1)

10:30 – 12:00  
Plenary Session  
Meeting with a Legend

Chairpersons: Leo A. Bockeria (Russia), Marko Turina (Switzerland), Vincent M. Dor (Monaco)

PL-1 «The Current State of Surgery in Solving Complications of Myocardial Infarction...»  
Vincent M. Dor (Monaco)  
30 min.

PL-2 «Necessity for critical approach to present medical literature»  
Marko Turina (Switzerland)  
20 min.

PL-3 #459  
The Story of 100.000 Open Heart Cases at Bakulev Center for CVS  
Tatiana B. Averina, Sergey P. Glyantsev, Arslan S. Karamatov, Leo A. Bockeria (Russia)  
20 min.

Discussion  
20 min.

Luncheon Symposium (B/Braun Medical)  
12:00 – 13:30
13:30 – 15:00
Adult Cardiac Surgery/Coronary

SESSION – 1

Moderators: Renat S. Akchurin (Russia), Clifford Barlow (United Kingdom), Yury A. Shneider (Russia)

AC/COR-01-O-1 #993 Hybrid Coronary Revascularization: a Versatile and Effective Approach 7 min.
Carlo Zebele, Luca S. De Santo, Emilio Mango, Leonardo Savarese, Tullio Tesorio, Luigi Salemme, Angelo Cioppa, Alessandro Nava, Francesco Iorio, Flora Numis (Italy)

Igor Chernov, Dmitry Kozmin, Dmitry Kondratyev, Sergey Makeev, Soslan Enginov, Gasan Magomedov, Dmitry Tarasov (Russia)

AC/COR-01-O-3 #163 Coronary Artery Bypass Grafting with Atypical Configurations of Bilateral Internal Thoracic Artery Composite Graft: Why, How, and What is the Outcome? 7 min.
Kay-hyun Park, Hak Joo Kim, Dong Jung Kim, Jun Sung Kim, Cheong Lim (South Korea)

AC/COR-01-O-4 #1327 On-pump coronary artery bypass surgery in diabetic patients: experience of an African center 7 min.
Moutakiallah Younes, Aithoussa Mahdi, Seghrouchni Aniss, Atmani Noureddine, Mouinir Reda, Bouzelmait Hicham, Mouine Najat, Moujahid Azedine, Drissi Mohamed, Boulahya Abdelatif (Morocco)

AC/COR-01-O-5 #564 The in Hospital Results of the Standard and on Beating Heart Left Ventricle Reconstructions in Complicated Cases of Coronary Heart Disease 7 min.
Adham Dzhalilov, Leo Bockeria, Vadim Merzlyakov, Michael Alshibaya, Anton Skopin (Russia)

AC/COR-01-O-6 #228 The Early and Mid-term Outcomes of Endoscopic Saphenous Vein Harvesting in Coronary Artery Bypass Grafting 7 min.
Shigefumi Matsuyama, Tomohiro Imazuru, Toshifumi Saga, Tsukasa Ikeda, Hiroyo Ota, Naomi Ozawa, Mitsuru Iida, Yosuke Kitanaka, Tatsuya Nakao, Tomoki Shimokawa (Japan)

AC/COR-01-O-7 #1027 CT Angiographic Evaluation of Graft Patency Rate Following Coronary Endarterectomy with OPCABG in Bangladesh 7 min.
Asit B. Adhikary, Redoy Ranjan (Bangladesh)

AC/COR-01-O-8 #1272 Does Graft Selection Other Than ITA-LAD in Coronary Artery Bypass Grafting Affect Long-term Outcome? 7 min.
Shinya Takase, Hirono Satokawa, Hiroki Wakamatsu, Hiroyuki Kurosawa, Yuki Seto, Akihiro Yamamoto, Tsuyoshi Fujimiya, Keiichi Ishida, Satomi Matsumoto, Hitoshi Yokoyama (Japan)

AC/COR-01-
O-9 Long-term Results of Isolated Transmyocardial Laser Revascularization Procedures Combined with Intramyocardial Injection of Autologous Bone Marrow Stem Cells in Patients with Diffuse Lesions of Coronary Arteries
Leo A. Bockeria, Andrey D. Petrosyan, Olga L. Bockeria, Vladimir A. Shvartz, Sergey A. Donakanyan, Mikhail B. Biniashvili, Artak Y. Ispiryan (Russia)

Discussion

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

15:30 – 17:00
SESSION – 2

Moderators: Mikhail D. Alshibaya (Russia), Marc R. Moon (USA), Aleksandr M. Chernyavskij (Russia)

AC/COR-02-O-1 W/O Bypass Surgery in Patients with Diffuse Distal Lesions of Coronary Arteries
Andrey Shiryaev, Vladislav Vasiliev, Damir Galyautdinov, Ruslan Latipov, Petr Lepilin, Dmitriy Salichkin, Dmitriy Cherkashin, Elina Vlasova, Larisa Ilyina, Renat Akchurin (Russia)

AC/COR-02-O-2 #626 Post-infarction Ventricular Septum Rupture (PIVSR). Surgical Correction with "Butterfly Patch": the Experience of 80 Consecutive Cases
Mikhail D. Alshibaya, Zurab M. Cheishvili, Konstantin V. Krymov (Russia)

AC/COR-02-O-3 #1008 The Strategy and Possibility of Ventricular Septal Perforation Through 45 Patients
Shizuya Shintomi, Hideyuki Uesugi, Ichiro Ideta, Takashi Oshitomi, Kentaro Takaji, Yukihiro Katayama, Toshiaki Sassa, Hidetaka Murata, Tomonori Koga (Japan)

AC/COR-02-O-4 #1223 Long-Term Result of CABG in Patients with Low Left Ventricular Function. On Pump Arrest vs On Pump Beating vs Off Pump
Onichi Furuya, Shinnichi Higashie, Satoshi Kuroyanagi, Masatoshi Komooka, Norihiko Hiramatsu, Saburo Kojima, Naohiro Wakabayashi (Japan)

AC/COR-02-O-5 #1149 Coronary Artery Endarterectomy during Coronary Artery Bypass Grafting: A Solution for Complete Revascularization
Lalitaditya Malik (India)

AC/COR-02-O-6 #190 Hybrid Coronary Revascularization versus Standards: The HREVS Randomized Clinical Trial
Vladimir Ganyukov, Nikita Kochergin, Alexander Shilov, Wojciech Szot, Vadim Popov, Jan Scupien, Kirill Kozyrin, Roman Tarasov, Leonid Barbarash, Olga Barbarash, Piotr Musialek (Russia, Poland)

AC/COR-02-O-7 #1053 Right Coronary Artery – What Type of Bypass is Better?
Evgeny Rosseykin, Evgeny Kobzev, Andrey Voevodin, Vladlen Bazylev (Russia)

AC/COR-02-O-8 #724 Off-Pump Coronary Bypass Surgery Using Two Internal Thoracic Arteries
Pavel A. Shilenko, Yurii A. Schneider, Men-De Tsoi, Andrei S. Kotcienko, Aleksander A. Pavlov (Russia)

AC/COR-02-09

#282

Minimally Invasive Multivessel CABG: a Modern Option to OPCAB Surgery
Mikhail Snegirev, Artem Paivin, Dmitry Denisuyk, Nikolai Khvan, Lana Sichinava, Vladimir Sharafutdinov, Andranik Tatoyan, Oleg Paivin (Russia)

Discussion

7 min.

20 min.
Congress Hall, 2F– B

«Meet the Expert»

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<th>May 25 (Fri) 08:30-10:00</th>
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<th>Congress Hall, 2F– B</th>
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<tr>
<td>Chair</td>
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<td>Duke E. Cameron (USA)</td>
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<td>Renat S. Akchurin (Russia)</td>
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<tr>
<td>MA 02-L1 08:30-08:50</td>
<td>Professionalism in surgery: From Halsted to the present</td>
<td>Duke E. Cameron (USA)</td>
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<tr>
<td>MA 02-L2 08:50-09:10</td>
<td>TAVI myth or reality?</td>
<td>Lorenzo A. Menicanti (Italy)</td>
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<tr>
<td>MA 02-L3 09:10-09:30</td>
<td>Thirty Years’ Experience Microsurgery in CABG. Looking Ahead</td>
<td>Renat S. Akchurin (Russia)</td>
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Coffee Break (10:00 – 10:30)  
(Exhibition area, Floor 1)

10:30 – 12:00

Plenary Session

Meeting with a Legend

Chairpersons: Leo A. Bockeria (Russia), Marko Turina (Switzerland), Vincent M. Dor (Monaco)

PL-1 «The Current State of Surgery in Solving Complications of Myocardial Infarction...»  
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PL-3 #459 The Story of 100,000 Open Heart Cases at Bakulev Center for CVS  
Tatiana B. Averina, Sergey P. Glyantsev, Arslan S. Karamatov, Leo A. Bockeria (Russia) 20 min.

Discussion 20 min.

Luncheon Symposium (Philips)  
12:00 - 13:30
13:30 – 15:00

Vascular Surgery

SESSION – 1

Chairpersons: Shoel Shen Wang (Taiwan), A.V. Pokrovskiy (Russia), Valery S. Arakelyan (Russia)

**VS-01**

**O-1**  #405  Surgical treatment of Vascular Rings, Aortic Coarctations and Thoracic Aortic Aneurysms in Patients with Aortic Arch Anomalies  
Valery Arakelyan, Nikita Gidaspov (Russia)  
7 min.

**VS-01**

**O-2**  #44  Efficacy of Emergent Cerebrospinal Fluid Drainage on Spinal Cord Injury after Aortic Aneurysm Repair  
Junji Nakazawa, Toshiro Ito, Yosuke Kuroda, Toshitaka Watanabe, Ryo Harada, Nobuyoshi Kawaharada (Japan)  
7 min.

**VS-01**

**O-3**  #690  Acute Kidney Injury Following Pararenal Abdominal Aortic Repair Requiring Suprarenal Abdominal Aortic Cross-Clamping  
Shinichi Imai, Shinichi Hiromats, Ryo Kanamoto, Yuusuke Shintani, Shinichi Nata, Kazuyoshi Takagi, Hiroyuki Otsuka, Satoru Tobinaga, Seiji Onitsuka, Hiroyuki Tanaka (Japan)  
7 min.

**VS-01**

**O-4**  #145  Different Biodegradation Rates of Tissue-Engineered Vascular Grafts in Small and Large Animal Models  
Takuma Fukunishi, Chin Siang Ong, Cecillia Lui, Jed Johnson, Narutoshi Hibino (USA)  
7 min.

**VS-01**

**O-5**  #1214  Comparative Study of the Elasticity of the Aorta and Synthetic Vascular Prostheses Made by Electroforming - Approach to Overcome the Biomechanical Mismatch  
Shota Zhorzholiani, Eugeny Talygin, Yury Cygankov, Andrey Agafonov, Alexander Gorodkov, Leo Bockeria (Russia)  
7 min.

**VS-01**

**O-6**  #869  Validity of Adjuvant Therapy in Patients with Lower Limb Critical Ischemia  
Giovanni Giannace, Massimiliano Walter Guerrieri, Carlo Setacci, Domenico Benevento (Italy)  
7 min.

**VS-01**

**O-7**  #395  Venous Thromboembolism in Patients with Cardiac Implantable Electronic Devices  
Igor A. Suchkov, Roman E. Kalinin, Nina D. Mzhavanadze, Vladislav O. Povarov, Aleksey A. Kamaev, Igor I. Shitov (Russia)  
7 min.

**VS-01**

**O-8**  #853  Acute Kidney Injury in Patients with Aortoiliac Occlusive Diseases - Focus on Surgical Procedure  
Gennadiy G. Khubulava, Andrey B. Sazonov, Oleg A. Nagibovich, Kirill V. Kitachov, Roman O. Nagibovich, Konstantin Y. Petrov, Ruslan A. Ahadov (Russia)  
7 min.

**VS-01**

**O-9**  #613  Surgical Outcomes of Popliteal Artery Aneurysm, Resection vs. Exclusion  
Ryo Kanamoto, Shinichi Hiromatsu, Shinichi Imai, Yosuke Shintani, Shinichi Nata, Kazuyoshi Takagi, Hiroyuki Otsuka, Satoru Tobinaga, Seiji Onitsuka, Koichi Arinaga,
Hiroyuki Tanaka (Japan)

Discussion

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

15:30 – 17:00
SESSION – 2

Chairpersons: Yuri V. Belov (Russia), Chris Malaisrie (USA)

VS-02-O-1 #865
Miniskin Incision for Carotid Endarterectomy: Neurological Morbidity and Health-Related Quality of Life
Giovanni Giannace, Massimiliano Walter Guerrieri, Carlo Setacci (Italy)

VS-02-O-2 #1173
Comparative Immediate Results of Eversion Carotid Endarterectomy Depending on the Application of the Sinus-saving Modification
Georgii A. Treiger, Alexey A. Fokin, Vladimir V. Vladimirskiy (Russia)

VS-02-O-3 #1069
Carotid Endarterectomy without Shunt: 10 Years Experience with 500 Cases
Que K. Do (Viet Nam)

VS-02-O-4 #310
The Efficiency of Carotid Endarterectomy in the Treatment of Symptomatic and Asymptomatic Carotid Stenosis
Anastasia Artemova, Nikolay Lukianchikov, Petr Puzdryak, Michael Ivanov, Anastasia Uryupina, Anastasia Gorovaya (Russia)

VS-02-O-5 #316
The Causes and Prophylaxis of the Hyperperfusion Syndrome in Patients after Carotid Endarterectomy
Anastasia Artemova, Nikolay Lukianchikov, Petr Puzdryak, Michael Ivanov, Anastasia Uryupina, Anastasia Gorovaya (Russia)

VS-02-O-6 #1344
The Risk Stratification and Decision Support Systems in Surgical Management of Internal Carotid Artery Stenosis
Kapran Tatiana, Roman Vinogradov (Russia)

VS-02-O-7 #742
The Results of Carotid Endarterectomy with Different Plastics
Arthur Ozolinsh, Nidal Darvish, Mussa Eseneev, Margarita Shumilina, Nataliya Svetlova, Ramilya Valieva, Shorena Zarandiya, Irakliy Gvetadze (Russia)

VS-02-O-8 #377
Genetically Engineered Constructs in the Comprehensive Treatment of Patients with Chronic Lower Limb Ischemia
Alexander V. Gavrilenko, Evgeny M. Oleynik (Russia)

VS-02-O-9 #1158
The Optimal Method of Reconstruction of the Atherosclerotic Stenosed Vertebral Artery in the First Segment
Roman Komarov, Oleg Vinogradov, Andrey Dzyundzya, Aleksey Puzanov (Russia)
Early Outcomes of Carotid Endarterectomy: Routine Shunt Use and Patch Angioplasty under General Anesthesia
Huh Up, Hyuncheol Jeong, Sung Woon Chung, Seunghwan Song (South Korea)

Discussion
Congress Hall, 2F– C

Meet the Expert

Meet the Expert - Thoracic 01

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<tr>
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<td>Igor S. Polyakov (Russia)</td>
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<td>Chair</td>
<td>Shaf Keshavjee (Canada)</td>
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<tr>
<td>MT 01-L1 08:30-08:50</td>
<td>Early-stage lung cancer: what will be the surgeon’s role in the future?</td>
<td>David R. Jones (USA)</td>
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<tr>
<td>MT 01-L2 08:50-09:10</td>
<td>Can a Human Lung Breath Outside the Human Body? The Future of Lung Transplantation</td>
<td>Shaf Keshavjee (Canada)</td>
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<td>MT 01-L3 09:10-09:30</td>
<td>Thoracostomy and Thoracoplasty</td>
<td>Rajan Santosham (India)</td>
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<td>MT 01-L4 09:30-09:50</td>
<td>Evolution of Tracheobronchial Oncosurgery</td>
<td>Andrey Ryabov (Russia)</td>
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Coffee Break (10:00 – 10:30)
(Exhibition area, Floor 1)

10:30 – 12:00
Plenary Session
Meeting with a Legend

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PL-1 «The Current State of Surgery in Solving Complications of Myocardial Infarction...»
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PL-3 #459
The Story of 100.000 Open Heart Cases at Bakulev Center for CVS
Tatiana B. Averina, Sergey P. Glyantsev, Arslan S. Karamatov, Leo A. Bockeria (Russia) 20 min.

Discussion 20 min.

Luncheon Symposium
12:00-13:30

13:30 – 15:00
Thoracic Surgery/Esophagus
SESSION – 1

Moderators: Ivan S. Stilidi (Russia), Andrey B. Ryabov (Russia)

TS/ESO-01-O-1 #598 Single-port Thoracoscopic Minimally Invasive Esophagectomy for Esophageal Cancer
Yong Yuan, Long-Qi Chen (China)

TS/ESO-01-O-2 #78 Diagnostic Value of Intraoperative Ultrasonography in Assessing Thoracic Recurrent Laryngeal Nerve Lymph Nodes in Patients with Esophageal Cancer
Hong Yang (China)

TS/ESO-01-O-3 #521 T-Tube Management of Delayed and Missed Upper and Lower Esophageal Perforations with Thoracic Empyema and Mediastinitis
George John K Thomas George (Malaysia)

TS/ESO-01-O-4 #417 Does High Body Mass Index Have Any Impact on Survival of Patients Undergoing Oesophagectomy for Oesophageal Cancer?
Han-yu Deng (China)

TS/ESO-01-O-5 #928 Esophagectomy: the Comparison of Conventional and Minimally Invasive Approach
Evgeny V. Levchenko, Nikolay V. Khandogin, Sergey Y. Dvoretskiy, Igor V. Komarov, Roman I. Yurin, Oleg Y. Mamontov, Nikita E. Levchenko (Russia)

TS/ESO-01-O-6 #820 Predictive Value of E-PASS and POSSUM System for Esophageal Carcinoma Following Surgical Resection
Yu-shang Yang, Long-Qi Chen (China)

TS/ESO-01-O-7 #978 Myeloid-derived Suppressor Cells are Increased and Correlated with Malnutrition, Inflammation and Poor Prognosis in Patients with Esophagus Cancer
Kenji Gonda, Masahiko Shibata, Leo Yamada, Hiroshi Nakano, Daisuke Ujiie, Azuma Nirei, Takeshi Tada, Hiroyuki Hanayama, Suguru Hayase, Zenichirou Saze, Sinji Ooki, Koji Kono (Japan)

TS/ESO-01-O-8 #89 Esophageal Cancer: System Approach
Oleg Kshivets (Russia)

TS/ESO-01-O-9 #504 Case Report: Management of Esophageal Achalasia with Left Lung Abscess
I Putu Kokohana Arisutawan, Dimas T. Nugroho, Susan H. Mety, Agung Wibawanto (Indonesia)

TS/ESO-01-O-10 #569 A Case Report of Sarcoid-Like Reaction with Early Stage Esophageal Cancer
Leo Yamada, Shinji Ohki, Wataru Sakamoto, Ujiie Daisuke, Tomohiro Kikuchi,
Discussion

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

15:30 – 17:00
Thoracic Surgery/Mediastinum

SESSION – 1

Moderators: Oleg Pikin (Russia), Andrey B. Ryabov (Russia)

TS/MED-01-O-1 #454
Surgical Treatment of Giant Cervicomesidiastinal Lymphatic Malformations
Andrey Ryabov, Oleg Pikin, Vladimir Trunov, Dmitry Vursol, Oleg Alexandrov (Russia)

TS/MED-01-O-2 #197
A Case of Long-term Survival Achieved by Surgical Resection for Pulmonary Metastatic Recurrence After Surgery for Thymic Carcinoma
Hikaru Watanabe, Naoki Kanauchi (Japan)

TS/MED-01-O-3 #91
Optimal Surgical Approach for an Anterior Mediastinal Mature Teratoma: A Review of 13 Cases
Toshiya Fujiwara, Ryuji Nakamura, Atsushi Shimoda, Masanori Okada, Motoki Matsuura (Japan)

TS/MED-01-O-4 #599
Prognostic Impact of Inflammation-based Scores on Thymic Carcinoma or Thymic Neuroendocrine Tumor: a Single-center Experience
Masahiro Yanagiya, Keita Nakao, Kentaro Kitano, Kazuhiro Nagayama, Jun-ichi Nitadori, Masaki Anraku, Masaaki Sato, Jun Nakajima (Japan)

TS/MED-01-O-5 #818
Case Report Surgical Treatment As A Choice For A Rare Anterior Mediastinal Mass: Primary Giant Mediastinal Dedifferentiated Liposarcoma
Maulidya A. Dandanah, Marshal Marshal, Noni N. Soeroso, Soekimin Soekimin (Indonesia)

TS/MED-01-O-6 #1202
Prognostic Factors of Recurrent Thymoma. Ten-year Experience and Results of Two Tertiary Centers in Greece
Dimitrios A. Lioumpas, Ilias Samiotis, Kalliopi Athanassiadi, Charalampos Zisis, Kostantinos Bouboulis, Ioannis Stamatos, Athanasios Stathoulopoulos, Stylianos Zaragkas, Despina Mylonaki, Nikolaos Tzatzadakis (Greece)

TS/MED-01-O-7 #1110
Minimally Invasive Thymectomy for Early-stage Thymomas without Myasthenia Gravis: Modified Subxiphoid Thoracoscopic Approach versus Unilateral Thoracoscopic Approach
Jianyong Ding, Hao Wang (China)

TS/MED-01-O-8 #899
Intra-Pleural Vacuum Dressing: An Alternative To Open-Window Thoracostomy
Alessandro W. Mariani, João Bruno R. Machado Lisboa, Guilherme De Abreu Rodrigues, Ester Moraes de Ávila, Ricardo M. Terra, Paulo M. Pego-Fernandes (Brazil)

TS/MED-01-O-9 #413
Left-sided VATS + Subxiphoid: a Minimal Invasive Way to Deal with Large Non-infiltrative Thymic Tumors
Jose R. Matilla, Bernhard Moser, Walter Klepetko (Austria)

TS/MED-01-O-10 #1068
Efficacy of Perioperative Inhaled Medication for Pulmonary Resection in Lung Cancer Patients with Untreated Chronic Obstructive Pulmonary Disease
Takahiro Homma (Japan)

Discussion 20 min.
**Press Hall, 2F**

«Meet the Expert»

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<th>Meet the Expert - Pediatric 01</th>
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<td><strong>May 25 (Fri)</strong> <strong>08:30-10:00</strong></td>
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**Coffee Break (10:00 – 10:30)**
(Exhibition area, Floor 1)

10:30 – 12:00

**Thoracic Surgery/Suppurative Lung Disease/ Complications/ Other/ Lung Transplantation**

**SESSION – 1**

**Moderators:** Andrey B. Ryabov (Russia), Hari Kumar Sampath (India)

**TS/SUP-01-O-1** #375
The Outcomes of Pulmonary Endarterectomy and Cardiorenal Syndrome
Evgeny Tabakyan, Kirill Mershin, Stanislav Partigulov, Renat Akchurin (Russia) 7 min.

**TS/SUP-01-O-2** #193
The Current Status of the Waiting-list Mortality at the New Lung Transplant Program in Tokyo: What Need to be Done in the Near Future?
Masaki Anraku, Kentaro Kitano, Kazuhiro Nagayama, Jun-Ichi Nitadori, Masaaki Sato, Jun Nakajima (Japan) 7 min.

**TS/SUP-01-O-3** #630
The Outcomes of Lung Resection in Neonates with Symptomatic Congenital Lung Anomalies
Byung Kwon Chong, Dong Kwan Kim, Han Pil Lee, Jin San Bok, Geun Dong Lee, Se Hoon Choi, Hyeong Ryul Kim, Yong-Hee Kim, Seung Il Park (South Korea) 7 min.

**TS/SUP-01-O-4** #241
Surgical Treatment of Active Aortic Prosthetic Destructive Endocarditis 7 min.
and Mediastinitis with Cryopreserved Allograft Implantation
Murtal Kokoev, Vladimir Mironenko, Sergey Rychin, Valeriy Umarov, Leo Bockeria (Russia)

TS/SUP-01-O-5  #1225 Correlation of D-dimer Value and Venous Thromboembolism (VTE) in Patients with Advanced Non-Small Cell Lung Cancer (NSCLC) 7 min.
Dimitrios A. Lioumpas, Ilias Samiotis, Charalampos Zisis, Despoina Mylonaki, Kostantinos Bouboulis, Ioannis Stamatakos, Stylianos Zaragkas, Nikolaos Tzatzadakis (Greece)

TS/SUP-01-O-6  #703 Lung Resection for Bronchiectasis – A Single Center Nine Year Experience of 303 Cases and Comparison with Our Earlier Study 7 min.
Birla R. Gnanamuthu, Nishok David (India)

TS/SUP-01-O-7  #1196 Glomus Tumor Of Trachea: Two Interesting Case Reports And Management 7 min.
Hari Kumar Sampath, Rajiv Santosham, Rajan Santosham (Singapore, India)

TS/SUP-01-O-8  #1125 Single Stage Surgical Correction of Pectus Excavatum with Significant Lower Costal Flaring 7 min.
Jose R. Matilla, György Lang, Thomas Klikovits, Thomas Schweiger, Stefan Schwarz, Alberto Benazzo, Walter Klepetko (Austria)

TS/SUP-01-O-9  #46 Preventable Effect of Pneumothorax Recurrence by Total Pleural Covering with Absorbable Cellulose Mesh in Patients with Birt-Hogg-Dubé Syndrome 7 min.
Teruaki Mizobuchi, Masatoshi Kurihara, Hiroki Ebana, Kuniaki Seyama (Japan)

TS/SUP-01-O-10  #1315 Very Rare Finding of Thoracic Splenosis-Case Report 7 min.
Vedran Cesarec, Željko Djaković, Tomislav Bečejac, Goran Madžarac, Ivan Bunjevac, Dorian Hirši, Dubravko Jalšovec, Marko Vrančić, Zoran Janevski, Dinko Stantić-Rokotov (Croatia)

Discussion 20 min.

Luncheon Symposium 12:00-13:30
13:30 – 15:00
Congenital Heart Surgery/Pediatric Congenital Cardiac SESSION – 1

Chairpersons: William M. Novick (USA, Pakistan), Yasuhiro Kotani (Japan)

CH/PED-01-O-1  #796 Impact of Ventricular Morphology on Clinical Outcome after Fontan Palliation 7 min.
Wonkyung Pyo (South Korea)

CH/PED-01- #500
Mid-term Outcome and Risk Factor after Single Stage Repair of Arterial Switch Operation Combined with Aortic Arch Reconstruction
Truong L. Nguyen, Vinh Q. Tran, Mai T. Nguyen, Anh V. Doan, Duyen D. Mai, Hai T. Le (Viet Nam)

CH/PED-01-O-3
Right Lateral Minithoracotomy for Closure of Atrial and Ventricular Septal Defect in Children
Ersin Erek, Dilek Suzan, Selim Aydin, Bahar Temur, Okan Yildiz, Baris Kirat, Ibrahim H. Demir, Ender Odemis (Turkey)

CH/PED-01-O-4
Mitral Valvuloplasty in Pediatric Cardiac Surgery: the Range of Pathology and Results
Aleksei E. Chernogrivov, Igor E. Chernogrivov, Vladlen V. Bazylev (Russia)

CH/PED-01-O-5
Surgical Treatment of Ebstein Anomaly: Long-term Results and Outcomes
Leo Bockeria, Olga Bockeria, Merab Sanakoev, Zamik Fatulaev, Pavel Rubtsov (Russia)

CH/PED-01-O-6
Minimally Invasive Congenital Heart Surgery through Right Thoracotomy
Yasuhiro Kotani, Sachiko Kawada, Yasuyuki Kobayashi, Naohiro Horio, Yosuke Kuroko, Genya Muraoka, Ayako Miyamoto, Kouki Eto, Susumu Ozawa, Sadahiko Arai, Shingo Kasahara (Japan)

CH/PED-01-O-7
A Case Report: the Handmade Covered Stent Insertion in Pediatric Patient with Recurrent Congenital Pulmonary Vein Stenosis
Kentaro Hotoda, Shigeki Yoshiba, Ryusuke Hosoda, Keisuke Ozawa, Mika Iwazaki, Ayumu Masuoka, Toshiyuki Katogi, Takaaki Suzuki (Japan)

CH/PED-01-O-8
Surgical Treatment for Infective Endocarditis in Infant: A Case Report
Sompop Prathanee, Chawalit Wongbuddha, Rachata Mala, Chalach Mitprachapanee (Thailand)

CH/PED-01-O-9
Supplemental Bidirectional Glenn in Residual Outflow Obstruction after Tetralogy of Fallot Repair
William M. Novick, Kamal Saleem, Iftikhar Ahmed, Mehboob Sultan, Intisar Ul Haq, Umair Younis (USA, Pakistan)

Discussion

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

15:30 – 17:00
SESSION 2

Chairpersons: Richard D. Mainwaring (USA), Igor E. Chernogrivov (Russia)

CH/PED-02-O-1
Analysis of Achieving an "Ideal Outcome" Following Midline Unifocalization in Pulmonary Atresia with Ventricular Septal Defect and Major Aortopulmonary Collateral Arteries
Richard D. Mainwaring, William L. Patrick, Tatiana R. Rosenblatt, Teimour
Nasirov, Komal Kamra, Frank L. Hanley (USA)

CH/PED-02-O2 #937 Long-term Results of Intraventricular Repair of Transposition of the Great Arteries with Left Ventricular Outflow Tract Obstruction: Comparison of Rastelli Operation and REV Operation Akihisa Furuta, Goki Matsumura, Hiroshi Niinami (Japan)

CH/PED-02-O3 #808 Durability of RV-PA Homograft at Pulmonic Position in Congenital Heart Procedures at Rajavithi Hospital Chanokporn Daowan, Kampoo Foofuengmonkolkit, Pirapat Mokarapong (Thailand)

CH/PED-02-O4 #953 Early Outcomes after Total Correction with Pulmonary Valve and Right Ventricle Preservation Strategy in Tetralogy of Fallot Patients Jae gun Kwak, Woong-Han Kim (South Korea)

CH/PED-02-O5 #962 Hand-sewn Valved Decellularised Bovine Pericardial Conduit for Right Ventricular Outflow Tract Reconstruction- Early Experience Ravi Agarwal, Swaminathan Vaidyanathan, Roy Varghese (India)

CH/PED-02-O6 #1246 The Outcome of Surgical Repair for Congenital Unilateral Absence of the Proximal Pulmonary Artery Contralateral to the Aortic Arch Satoshi Okugi, Akihisa Furuta, Goki Matsumura, Hiroshi Niinami (Japan)

CH/PED-02-O7 #298 Sinusoidal Communication is Regressed or not through the Staged Surgery for Fontan Candidate with PA/IVS? Satoshi Matsuo, Naoki Masaki, Sadahiro Sai (Japan)

CH/PED-02-O8 #991 Surgery for the Complex Transposition of the Great Arteries: Bex-Nikaidoh Operation Vladlen V. Bazylev, Igor E. Chernogrivov, Aleksei E. Chernogrivov (Russia)

CH/PED-02-O9 #388 Ventricular Septation and Arterial Switch for an Infant with Double Inlet Left Ventricle, Transposition of Great Arteries and Partial Anomalous Pulmonary Venous Return Yu-Ting Lin, Shu-Chien Huang, Shyh-Jye Chen, Yih-Shamg Chen (Taiwan)

Discussion 20 min.
E-Poster (Oral) Session  
( Exhibition area, 1st Floor )  

Zone – A

13:30 – 15:00  
Adult Cardiac Surgery/Arrhythmias

Chairpersons: Ju Mei (China), Ales Mokracek (Czech Republic)

<table>
<thead>
<tr>
<th>AC/ARR-01-EP-1</th>
<th>#1345</th>
<th>Influence of the Atrial Fibrillation on the Tricuspid Annulus Dynamics And Geometry Based on Four – Dimensional Echocardiography Valve Evaluation</th>
<th>4 min.</th>
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<td>Olga L. Bockeria, Leo A. Bockeria, Igor Y. Klimchuk, Marina Y. Mironenko, Pavel P. Rubtsov, Gulzuna A. Yurkulyieva (Russia)</td>
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<tr>
<th>AC/ARR-01-EP-2</th>
<th>#556</th>
<th>Two-staged Hybrid Ablation of Persistent Long-standing Atrial Fibrillation</th>
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<td>Oleg Y. Pidanov, Natalia A. Kolomeychenko, Artem V. Sveshnikov, Oleg V. Sapelnikov, Anton S. Vorobiev (Russia)</td>
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<th>AC/ARR-01-EP-3</th>
<th>#707</th>
<th>Results of the Novel Tourniquet Technique Left Atrial Appendage Ligation</th>
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<td>Pavel A. Shilenko, Yuri A. Schneider, Men-De Tsoi, Andrei S. Kotcienko (Russia)</td>
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<td>Dmitrii I. Cherkashin, Oleg Sapelnikov, Igor Grishin, Alla Partigulova, Olga Nikolaeva, Darin Ardus, Sergey Korolev, Renat Akchurin (Russia)</td>
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<td>Mari G. Arakelyan, Elena Z. Golukhova, Olga I. Gromova, Naida I. Bulaeva, Tatiana V. Mashina, Violetta S. Dzhanketova, Aygerim Z. Zholbaeva, Maria A. Shlyappo (Russia)</td>
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<th>AC/ARR-01-EP-6</th>
<th>1275</th>
<th>Our Experience of Concomitant Maze and Bentall Procedures</th>
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<td>Yuriy Shneyder, Men De Tcoi, Georgy Antipov, Pavel Shilenko, Mikhail Isayan, Andrey Mikheev, Tatyana Ryzhikova (Russia)</td>
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<td>Dmitriy D. Zhiltsov, Alexander P. Medvedev, Mikhail V. Ryazanov, Oleg I. Demarin, Viktor E. Vaykin, Nikolay L. Shibanov, Ivan N. Skvortsov (Russia)</td>
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<th>AC/ARR-01-EP-8</th>
<th>#660</th>
<th>Comparison of Life Quality in Patients after Interventional or Surgical Treatment of Atrial Fibrillation</th>
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<td>AC/ARR-01-EP-9</td>
<td>#1101</td>
<td>Endocardial Pacemakers Implantation in Children Weighing less than 10 kg</td>
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<td>Mikhail V. Ryazanov, Alexander P. Medvedev, Dmitriy D. Zhiltsov, Nataliya A. Volkova, Ivan N. Scvortcov, Nicolay L. Shibanov, Oleg I. Demarin (Russia)</td>
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<th>AC/ARR-01-EP-10</th>
<th>#1331</th>
<th>Predictors of Paroxysmal Atrial Fibrillation with Patients with the Syndrome of Obstructive Sleep Apnea</th>
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<td>Dmitrii Dedov, Dmitrii Dedov, Semyon Masjukov, Vladimir Mazaev, Alexandr Ivanov, Igor Elgardt, Svetlana Ryazanova (Russia)</td>
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<td>Igor Y. Klimchuk, Leo A. Bockeria, Olga L. Bockeria, Marina Y. Mironenko, Esma R. Jobava, Vladimir A. Shvartz (Russia)</td>
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<th>AC/ARR-01-EP-12</th>
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<th>Thrombosis of the Left Atrial Appendage and Thromboembolic Events in Patients with Atrial Fibrillation: Clinical and Instrumental Correlates</th>
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<td>Mari G. Arakelyan, Elena Z. Golukhova, Olga I. Gromova, Naida I. Bulaeva, Tatsiana V. Mashina, Violetta S. Dzhanketova, Aygerim Z. Zholbaeva, Maria A. Shlyappo (Russia)</td>
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<td>Olga Bockeria, Leo Bockeria, Gyulsuna Yurkulieva, Anna Satyukova, Mikhail Biniashvili, Artak Ispiryan (Russia)</td>
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<th>AC/ARR-01-EP-14</th>
<th>#583</th>
<th>Immediate Results of Surgical Treatment of Atrial Fibrillation with Mini Maze and Maze IV Techniques</th>
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<td>Daniil I. Volkov, Dmitrii I. Buyankov, Dmitrii N. Gorbunov, Yurii V. Gross, Alla R. Khaliulina, Dmitrii B. Drobot, Valerii A. Sakovich (Russia)</td>
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**Discussion**

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

15:30 – 17:00
Adult Cardiac Surgery/End-stage Heart Failure/
Heart Transplantation/VADs/ECMO

Chairpersons: Yasser Hegazy (Germany), Valeriya Krachak (Belarus), Sergey V. Gorbachevskiy (Russia)

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<th>AC/END-01-EP-1</th>
<th>#123</th>
<th>First Case of Aortic Valve Replacement with the Perceval Sutureless Aortic Valve during Left Ventricular Assist Device Implantation</th>
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<td>Vera Hergesell, Oleg Novoseltsev, Klemens Ablasser, Nicolas Verheyen, Peter Oberwalder, Otto Dapunt, Sotirios Spiliopoulos (Austria)</td>
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| AC/END-01-EP-2 | #1208  
Left Ventricular Assist Device Implantation through Thoracotomy and Ministernotomy  
Tanil Ozer, Ozge Altas, Deniz Gunay, Mehmet Aksut, Emre Selcuk, Sabit Sarikaya, Mehmet K. Kirali (Turkey) |
|---------------|-----------------------------------------------|
| AC/END-01-EP-3 | #668  
Risk Factors of Heart Transplantation in Recipients with Pretransplant Peripheral Veno-arterial Extracorporeal Membrane Oxygenation (pVAECMO)  
Vitaly Poptsov, Ekatherina Spirina, Nadezda Koloskova, Sergey Uhrenkov, Anastasiya Dogonasheva, Elnur Aliev, Valeriy Hatutsky (Russia) |
| AC/END-01-EP-4 | #860  
Prophylactic Extracorporeal Life Support (ECLS) for Patients after Mitral and/or Tricuspid Valve Surgery in the Presence of Severe Chronic Right Heart Failure  
Yasser Hegazy, Stefan Bauer, Noha Keshk, Despina Diamantis, Sherif Abd Elaziz, Ralf Sodian (Germany) |
| AC/END-01-EP-5 | #887  
Changes in Dynamics of Cardiac Biomarkers Features During VAD Support  
Valeriya Krachak, Lianna Shestakova, Dmitry Krachak, Marina Bushkevich, Roman Yarosh, Natalia Pertovich, Olga Lubimova, Marina Koliadko, Yuriy Ostrovskiy (Belarus) |
| AC/END-01-EP-6 | #674  
Heart Transplantation from Donors with Left Ventricular Systolic Dysfunction  
Vitaly Poptsov, Vyacheslav Zacharevitch, Ekatherina Spirina, Anastasiya Dogonasheva, Elnur Aliev, Vitaly Pchelnikov, Sergey Masutin, Vladislav Voronkov, Stanislav Ustin, Valeriy Hatutsky (Russia) |
| AC/END-01-EP-7 | #380  
First Experience of Orthotopic Heart Transplantation on South Ural  
Mikhail Nuzhdin, Ilya Melnikov, Artem Tsarkov, Natalya Safronova, Yuriy Marchenko, Denis Loganenko, Aleksey Barishnikov, Aleksey Fokin, Konstantin Kondrashev (Russia) |
| AC/END-01-EP-8 | 676  
Sex Differences in the Incidence of Antibody-Mediated Rejection Events After Heart Transplantation  
Nadezdha Koloskova, Vitaly Poptsov, Vyacheslav Zakharevich, Alexey Shevchenko, I Muminov, N Mogeiko, T Khalilulin (Russia) |

Discussion 30 min.
E-Poster (Oral) Session
(Exhibition area, 1st Floor)

Zone – B

13:30 – 15:00
Congenital Heart Surgery/Newborn Critical Congenital Cardiac

Chairpersons: Alex I. Kim (Russia), Yuriy Kulyabin (Russia)

CH/NEW-01-EP-1 #798
Evolution of Approaches to Palliative Treatment of Patients with Single-ventricle Physiology and Obstructive Systemic Output in a Single Medium-volume Institution
Anton Avramenko, Sergey Shorokhov, Mikhail Khokhlunov, Irina Kozeva, Sergey Khokhlunov, Vladimir Goryachev (Russia)

CH/NEW-01-EP-2 #461
The Frequency of Recoarctation, Depending on the Method of Reconstruction of the Aortic Arch in Newborns
Pavel V. Teplov, Alexey S. Ilin, Yuliya Y. Spichak, Konstantin A. Ilinyih, Valeriya A. Sakovich (Russia)

CH/NEW-01-EP-3 #938
Outcomes of Neonatal Repair of Tetralogy of Fallot with Ductal Dependent Pulmonary Atresia
Chang-ha Lee, Sungkyu Cho Cho, Yong Jin Kim, Eun Seok Choi (South Korea)

CH/NEW-01-EP-4 #418
Treatment Experience of the Infants with Functional Univentricular Heart Combined with Decreased Pulmonary Blood Flow and Total Anomalous Pulmonary Venous Connection
Denis Lyazin, L.A. Bockeria, D.O. Berishvili, I.Yu. Baryshnikova, O.A. Stepanicheva, Ye.A. Andreeva (Russia)

CH/NEW-01-EP-5 #785
Percutaneous Balloon Aortic Valvuloplasty in Patients of the 1st Year of Age
Svetlana A. Zubkova, Elena G. Levchenko, Andrey A. Svobodov, Margarita R. Tumanyan, Manolis G. Pursanov (Russia)

CH/NEW-01-EP-6 #986
Normothermic Aortic Arch Repair in Newborns and Infants versus Hypothermia Perfusion: Still is Another Option or Results are Better?
Vladlen V. Bazylev, Igor E. Chernogrivov, Michail V. Kokashkin, Shakhriiar F. Suleimanov, Aleksei E. Chernogrivov (Russia)

CH/NEW-01-EP-7 #606
Endovascular and Hybrid Approaches for Critical Defect in Newborns
Sergey A. Kovalev, Sergey E. Bykov, Ivan S. Timoshin, Denis Y. Gryzov, Elena I. Korosan, Viktor A. Verikovsky, Nikovay N. Korotkih (Russia)
Long-term Results of Aortic Coarctation Surgery During the 1st Year of Life
Elena Levchenko, Andrey Svobodov, Margarita Tymanyan (Russia)

The Role of Prognostic Score Systems in Biventricular Repair
Sergei V. Kalashnikov, David O. Berishvili (Russia)

Is a Preoperative QT Prolongation a Risk Factor for Tachyarrhythmia and Hospital Mortality After Arterial Switch Operation?
Oleg Y. Kornoukhov, Asiya A. Valitova, Maria M. Belyaeva, Svetlana R. Birukova, Vladimir N. Ilyin (Russia)

Discussion

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

15:30 – 17:00
Anaesthesia, Critical Care/Cardiac and Thoracic Surgery

Chairpersons: Andrey G. Yavorovskiy (Russia), Ho Yan Howard Chan (Hong Kong), Jia Hu (China)

Incidence, Risk Factors and Clinical Implications of New-onset Postoperative Atrial Fibrillation Following Esophagectomy for Esophageal Cancer
Xiao-wen Wang, Xu-Yang Liu, Cheng Zhang, Lin-Jun Li, Chun Huang, Ming Du, Ying-Jiu Jiang, Qing-Chen Wu, Xiao Xie, Ju Mei (China)

Systematic Review of Liposomal Bupivacaine in Thoracic Surgery
Minh D. Tran, Justin Chan, Michael Worthington (Australia)

Air-plasma Flow for Post-sternotomy Wound Complications Management
Pavel Lednev, Yury Belov, Andrey Lysenko, Marakhonich Leonid, Gennady Salagaev (Russia)

Assessment and Study of Inhaled Nitric Oxide Treatment
Hironari No, Kenji Iino, Hideyasu Ueda, Yoji Nishida, Shintaro Takago, Yoshitaka Yamamoto, Yoshiko Shintani, Hiroki Kato, Keiichi Kimura, Hirofumi Takemura (Japan)

Subglottic Tracheal Edema Associated with Intubation Using a Double-Lumen Intratracheal Tube
Naoki Kanauchi, Hikaru Watanabe, Isamu Watanabe (Japan)
AN/CAR-01-EP-6 #1077 Study on Effectiveness of Severity of Illness Scoring Systems in Children with Complex Congenital Heart Disease after Heart Surgery
Lijuan Fu, Tingting Zhang, Haibo Zhang (China)

AN/CAR-01-EP-7 #529 Inhaled Nitric Oxide Improves Clinical Outcome after Adult Cardiac Surgery: Pulmonary Hypertension and Oxygenation
Fumio Yamana, Toshhiro Ohata, Mutsunori Kitahara (Japan)

AN/CAR-01-EP-8 #1237 Terlipressin Infusion in Patients with Refractory Hypotension after Cardiac Surgery
Romina Perone, Massimo Simeone, Mario Guariglia, Miranda Picilli, Michele Orlando, Marco Padula, Emanuele Fiore (Italy)

AN/CAR-01-EP-9 #1038 Early Outcomes and Effectiveness of Tolvaptan for Management after Cardiovascular Surgery
Takuya Misato, Satoshi Tobe, Ryo Toma, Hironobu Sugiyama, Kazuma Okamoto, Taro Hayashi (Japan)

AN/CAR-01-EP-10 #793 The Rehabilitation in Cardiosurgical Patients: Hospital Length of Stay, Considerations of its Reduction
Elina Vlasova, Larisa Ilyina, Said Kurbanov, Renat Akchurin, Andrey Shiryaev, Vladislav Vasiliev, Damir Galyautdinov, Ruslan Latipov, Sergey Korolev (Russia)

AN/CAR-01-EP-11 #434 Rehabilitation Starting on the Day of Cardiac Surgery
Hiroyuki Irie, Masahiko Ikebuchi, Hideki Teshima, Mitsuru Sato, Ryuta Tai, Yoshinori Inoue, Toshikazu Sano, Yoshuke Miyamoto (Japan)

AN/CAR-01-EP-12 #756 Topical Vancomycin Usage in Prevention Surgical Site Infection in Cardiac Surgery
Ruslan A. Lazarev, Gufron A. Shamsiev, Farid A. Khammud, Dmitriy A. Popov, Olamafruz K. Abdulloev, Firdavs I. Zakirov (Russia)

AN/CAR-01-EP-13 #1220 Patient with Sleep Apnea, Lung Carcinoma, and Obesity: CapnoStream Monitorisation in Hypercapnea
Ertay Boran, Mertay Boran (Turkey)

AN/CAR-01-EP-14 #649 Functional State of Cardiovascular System in Different Periods after Ischaemic Stroke
Maxim L. Mamalyga (Russia)

AN/CAR-01-EP-15 #1012 Paravertebral Block in Cardiac Surgery: Effect on Respiratory Function in Patients Undergoing Mammary Artery Grafting via Thoracotomy
Vladislav Nesyn (Russia)
Discussion

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

Zone – C

13:30 – 15:00
Adult Cardiac Surgery/Aortic

SESSION – 1

Chairpersons: Gennady G. Khubulava (Russia), Pedro del Nido (USA), Hyuk Ahn (South Korea)

AC/AOR-01-EP-1

#108 Noncoronary Sinus Replacement for Aortic Root Reconstruction
Stanislav Tsvelodub, Doreen Richardt, Sina Stock, Léon M. Putman, Hans-Hinrich Sievers (Germany) 4 min.

AC/AOR-01-EP-2

#1016 Surgical Repair for Acute Type A Aortic Dissection without Entry Resection
Tomonori Koga, Hideyuki Uesugi, Takashi Oshitomi, Ichiro Ideta, Kentaro Takaji, Yukihiro Katayama, Tosiharu Sassa, Hidetaka Murata, Shizuya Shintomi (Japan) 4 min.

AC/AOR-01-EP-3

#625 Cervical Branch Dissection is a Risk Factor of Patent False Lumen after Surgical Repair of Type A Aortic Dissection
Shintaroh Koizumi, Soichi Asano, Naoki Hayashida, Kozo Matsuo, Masashi Kabasawa, Shinichiro Abe, Hideomi Hasegawa, Hiroyuki Ikeuchi, Takahiro Ito, Hirokazu Murayama (Japan) 4 min.

AC/AOR-01-EP-4

#187 Results of False Lumen Status of Different Methods for Aortic Arch Treatment in Stanford A Aortic Dissection
Qing Zhou, Albert Y. Xue, Dongjin Wang, Xiyu Zhu (China) 4 min.

AC/AOR-01-EP-5

#186 Root Management Strategy in Stanford A Aortic Dissection
Dongjin Wang, Albert Y. Xue, Qing Zhou, Hailong Cao, Jun Pan, Qiang Wang, Fudong Fan, Xiyu Zhu (China) 4 min.

AC/AOR-01-EP-6

#1305 Reconstruction of Mitral-Aortic Continuation in the Surgery of repeated Interventions
Alexander A. Makushin, Vladimir A. Mironenko, Eleonora A. Kuts, Arslan S. Karamatov, Lyubov V. Chegrina, Gennadiy V. Yudin, Tatyana I. Kosareva, Iuri M. Archaia (Russia) 4 min.

AC/AOR-01-EP-7

#1084 Extra-Anatomic Abdomen-Sparing Ascending Aorto-Femoral Artery Bypass Surgery Showed Good Patency in the Patients Who Had Aorto-Iliac Occlusive Disease 4 min.
Doosang Kim, Jungeun Kim, Hyunho Park, Taekyu Kweon, Dongju Yun, Jungmoon Kim (South Korea)

AC/AOR-01-EP-8 #485
Minimal Access Aortic Surgery via Ministernotomy: Efficacy and Outcome Assessment of a Single Centre Experience
Abdul Nasir, Omar Nawaytou, Debbie Harrington, Mark Field, Manoj Kuduvalli, Aung Oo, Tristan Yan (United Kingdom, Australia)

AC/AOR-01-EP-9 #888
David V Valve Sparing Aortic Root Reimplantation: Experience of Single Center
Ayse Karakoc, Ozge Altas, Tanil Ozer, Onur Yerlikhan, Mustafa Ozgur, Deniz Gunay, Sabit Sarikaya, Kaan Kirali (Turkey)

AC/AOR-01-EP-10 #576
Clinical Outcomes after Aortic Root Replacement with Valved Conduits in Valve Sparing Era
Kenji Wada, Shuichiro Takanashi, Tomoya Uchimuro, Atsushi Shimizu, Kosaku Nishigawa (Japan)

AC/AOR-01-EP-11 #642
Short Inverted Graft Anastomosis for Proximal Aortic Repair in Acute Type A Aortic Dissection: Technique and Surgical Experiences
Seung ri Kang (South Korea)

AC/AOR-01-EP-12 #858
Re-do after Previous Ascending Aorta and Aortic Root Surgery in Patients with Marfan Syndrome
Sergey Rychin, Leo Bockeria, Vladimir Mironenko, Valeriy Umarov, Murat Kokoev (Russia)

AC/AOR-01-EP-13 #592
Minimally Invasive Approach in Aortic Surgery: from Root to Aortic Arch
Alexey A. Skvortsov, Eduard R. Charchyan, Yuriii V. Belov, Zara R. Khachatryan (Russia)

AC/AOR-01-EP-14 #773
Warm Head - Cool Body in Aortic Arch Surgery – Is It Real?
Evgeny Rosseykin, Michail Evdokimov, Pavel Batrakov, Evgeny Kobzev, Vladlen Bazylev (Russia)

AC/AOR-01-EP-15 #1215
Patients Management with Dilated Aortic Root less than 50 mm with Aortic Insufficiency
Sergey Y. Boldyrev, Olga A. Rossoha, Eugeny A. Terman, Angelina A. Polyakhova, Olga N. Ponkina, Kirill O. Barbuhaty, Vladimir A. Porhanov (Russia)

AC/AOR-01-EP-16 #832
Perioperative Predictors of 30-day Mortality in Ascending Aorta and Aortic Arch Surgery
Vladimir Krivopalov, Gennadiy Khubulava, Andrey Peleshok, Dmitriy Ushakov, Valeriy Sizenko (Russia)
**Discussion**

30 min.

**Coffee Break (15:00 – 15:30)**

(Exhibition area, Floor 1)

15:30 – 17:00

SESSION – 2

**Chairpersons:** Song Wan (Hong Kong), Thoralf M. Sundt (USA), Evgenij V. Rossejkin (Russia)

**AC/AOR-02-EP-1**  
#1300  
**Aortic Root Reconstruction in Patients with Turner Syndrome And Ascending Aorta Aneurism**  
Alexander A. Makushin, Vladimir A. Mironenko, Sergey V. Garmanov, Shagen A. Matiesyan, Iuri M. Archaia (Russia)

4 min.

**AC/AOR-02-EP-2**  
#137  
**Prediction of Aortic-Related Complications after Acute Type A Dissection Surgery with CT-based Volumetric Measurements**  
Evangelos Papadimas, Jasmine Ge, Siew-Pang Chan, Bernard Wee, Julian Wong, Kristine Teoh, Theo Kofidis, Vitaly Sorokin (Singapore)

4 min.

**AC/AOR-02-EP-3**  
#1216  
**Tool for Measuring Interleaflet Triangles in Aortic Root Surgery**  
Sergey Y. Boldyrev, Angelina Polyakhova, Kirill Barbuhatly, Vladimir Porhanov (Russia)

4 min.

**AC/AOR-02-EP-4**  
#271  
**Late Outcomes Following Controlled Pericardial Drainage for Critical Cardiac Tamponade with Acute Type A Aortic Dissection**  
Chikashi Nakai, Tomonori Haraguchi, Yasushi Okada, Shinichi Nakayama, Takuro Tsukube (Japan)

4 min.

**AC/AOR-02-EP-5**  
#351  
**Long-term Outcomes of Reoperative Aortic Root Replacement**  
Hiroki Ikeuchi, Kozo Matsuo, Naoki Hayashida, Soichi Asano, Masashi Kabasawa, Shinichiro Abe, Hideomi Hasegawa, Takahiro Ito, Shintaro Koizumi, Hirokazu Murayama (Japan)

4 min.

**AC/AOR-02-EP-6**  
#1383  
**Advocating the Strategies to Prevent Frozen Elephant Trunk Related Complications**  
Kenji Toyokawa, Hiroyuki Yamamoto, Yutaka Imoto, Kazuhisa Matsumoto, Hideaki Kanda, Tomoyuki Matsuba, Shuji Nagatomi, Yuki Ogata, Naoki Tateishi (Japan)

4 min.

**AC/AOR-02-EP-7**  
#222  
**Impacts of Direct Ascending Aortic Cannulation Using the Seldinger’s Technique for Aortic Arch Surgery**  
Jae hyun Kim, Woo Sung Jang, Jae-Bum Kim (South Korea)

4 min.

**AC/AOR-02-EP-8**  
#1015  
**Long-term Surgical Results of Takayasu Arteritis**

4 min.
### Hemiarch Replacement with Mild Hypothermia at 30°C for Acute Type A Aortic Dissection

Yasuhiro Matsuda, Tadashi Takasaki, Kazufumi Yoshida, Shigeki Koizumi, Ken Nakamura, Masanosuke Ishigami, Atsushi Nagasawa, Ryuzo Sakata, Tadaaki Koyama (Japan)

4 min.

### Aortic Root Replacement with Stentless Bioprosthesis – Outcome Comparison with Bioprosthetic AVR plus Ascending Aorta Replacement

Kay-hyun Park, Hak Joo Kim, Dong Jung Kim, Jun Sung Kim, Cheong Lim (South Korea)

4 min.

### Cannulation of the Axillary Artery with a Side Graft for Aortic Surgery: Is the Remnant Graft Stump Negligible?

Seung Keun Yoon, Yong Han Kim, Do Yeon Kim, Keon Hyun Jo, Hwan Wook Kim (South Korea)

4 min.

### A Unique 3D Aortic Model to Risk Stratify Aortic Pathology

Timothy L. Surman, Jason Varzaly, Dermot Orouke, Karen Reynolds, Michael G. Worthington, James E. Edwards (Australia)

4 min.

### An Unusual Case: Bentall Procedure in a Patient with an Aberrant Coronary Artery and Three Coronary Ostia

Ayse Z. Karakoc, Adnan Ak, Melike Turkal, Ozgur Arslan, Mehmet Altug Tuncer (Turkey)

4 min.

### Staged Total Aortic Replacement

Eduard Charchyan, Deyyara Chakal (Russia)

4 min.

### Surgical Interventions on the Aortic Arch in Acute Type A Dissection

Victor Sokolov, Andrey Redkoborody, Nickolay Rubtsov, Rustam Muslimov, Denis Kosolapov (Russia)

4 min.

### Direct Cannulation of the Innominate Artery as Safe Technique for Antegrade Cerebral Perfusion in Proximal Aortic Surgery

Vladislav V. Aminov, Dmitrii R. Tereschenko, Evgenii V. Ignatov, Mihail A. Svetkin, Dmitrii B. Bragin, Konstantin S. Chudinovskii (Russia)

4 min.

### Discussion

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

Zone – D

10:30 – 12:00
Adult Cardiac Surgery/Valves

SESSION – 1
CURRENT TECHNOLOGIES FOR MITRAL VALVE.  
TRICUSPID VALVE: STILL FORGOTTEN?

Chairpersons: Alexander Bogachev-Prokophiev (Russia), Pavel Kakhktsyan (Russia)

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<th>Session</th>
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<th>Duration</th>
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<td>AC/VAL-01-EP-2</td>
<td>#382 Early- and Mid-term Results of Mitral Valve Repair for Multiple Segments Prolapse</td>
<td>Mikhail Nuzhdin, Denis Loganenko, Anton Baranov, Artem Tsarkov, Ilya Melnikov, Pavel Vereshagin, Yuriy Malinovskiy, Garik Asatryan (Russia)</td>
<td>4 min.</td>
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<td>AC/VAL-01-EP-3</td>
<td>#1389 The Results of the Correction of Mitral Regurgitation by Creating PTFE Neochords</td>
<td>Garik Aleksanyan, Pavel Kakhktsyan, Garik Aleksanyan, Irma Tsiskaridze, Ivan Skopin (Russia)</td>
<td>4 min.</td>
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<td>AC/VAL-01-EP-4</td>
<td>#1322 One Year Follow-up of Rheumatic Heart Disease Patients who Underwent Surgical Mitral Valve Replacement in Sanglah Hospital, Bali</td>
<td>Nabila Natasya, Yasa Ketut Putu (Indonesia)</td>
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<td>AC/VAL-01-EP-6</td>
<td>#158 Application of Commissural Plasty in the Majority of Rheumatic Mitral Repairs: Surgical Experiences and Results of Mid-term Follow-up in Chinese Population</td>
<td>Tiange Luo, Xu Meng (China)</td>
<td>4 min.</td>
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| AC/VAL-01-EP-7 | #350 Mitral Valve Plasty Without Cutting the Leaflet | Hiroki Kato, Hirofumi Takemura, Kenji Lino, Hideyasu Ueda, Hironari No, | 4 min. 
### Results of Reconstructive Surgery of Ischemic Mitral Regurgitation – Immediate and Long-term Outcome

Alexander Vavilov, Inessa Slivneva, Mikhail Latyshev, Pavel Kakhkhtsyan, Ivan Scopin (Russia)

**AC/VAL-01-EP-8**

### Tips for Use of Novel Method for Easy Adjustment of Appropriate Artificial Chordae Length in Patients Undergoing Mitral Valve Repair

Hiroyuki Nishi, Kimihiro Kurose, Tetsuya Saito, Keita Inoguchi, Toshiki Takahashi (Japan)

**AC/VAL-01-EP-9**

### Long-term Outcomes of Prophylactic Tricuspid Annuloplasty in Patients Undergoing Mitral Valve Surgery

Takano Hiroshi, Takashi Yamauchi, Shigeyoshi Gon, Masahito Saito, Naoki Asano, Kazunori Ota, Kazuho Niimi, Keiwa Kin, Yukitoshi Shirakawa (Japan)

**AC/VAL-01-EP-10**

### Rigid Ring Implantation versus Suture Annuloplasty for Secondary Tricuspid Regurgitation in the Time of Left Side Heart Valve Surgery: Single Center Long-term Follow-up

Murat N. Mukharyamov, Roin Dzhordzhikia, Rustem Khairullin, Ildar Vagizov, Artur Kaipov (Russia)

**AC/VAL-01-EP-11**

### Short-term Outcomes of Suture versus Ring Annuloplasty for Functional Tricuspid Regurgitation Concomitant with Mitral Valve Repair in Central Chest Institute of Thailand (CCIT)

Thanit Kunanusont, Sahaporn Wathanawanichakun, Chakkraphun Jampates, Piyawat Lerdsomboon, Pramote Porapakkham, Chaiwut Yottasurodom, Choosak Kasemsarn, Taweesak Chotivatanapong (Thailand)

**AC/VAL-01-EP-12**

### Post-operative Combo prophylaxis for Ventricular tachycardia/Ventricular fibrillation/Torsades de pointes with Intravenous Amiodarone and Magnesium sulphate in Valve surgery patient with minimum one heart chamber dilated: A randomized trial

Mohammed Aslam Hossain, Md. Sanaul H. Sarker (Bangladesh)

**AC/VAL-01-EP-13**

### Reoperation for Isolated Rheumatic Tricuspid Regurgitation

Moutakiallah Younes, Aithoussa Mahdi, Atmani Noureddine, Seghrouchni Aniss, Moujahid Azeddine, Mounir Reda, Hatim G. Abdeldaim, Asfalou Ilyasse, Boulahya Abdelatif (Morocco)

**AC/VAL-01-EP-14**

### Discussion

**Luncheon Symposium**

12:00-13:30

13:30 – 15:00
SESSION – 2
HEART TEAM FOR VALVES IN COMPLEX SITUATIONS

Chairpersons: Timur A. Imaiev (Russia), Nazim Shikhverdiev (Russia)

AC/VAL-02-EP-1 #1146
Sutureless Prosthesis Implant Technique: Impact on Postoperative Pacemaker Implantation Rate
Elisabet Berastegui Garcia, Sara Badia Gamarra, Maria Luisa Camara Rosell, Luis Delgado Ramis, Claudio Fernandez Gallego, Ignasi Julià Almill, Anna Llorens Ferrer, Christian Muñoz Guijosa (Spain)

AC/VAL-02-EP-2 #1145
Inpatient Wait for Urgent Cardiac Surgery: The Patients' Perspective
Edward J. Caruana, Hey Cong, Sendhil K. Balasubramanian, Adam Szafranek (United Kingdom)

AC/VAL-02-EP-3 #1148
Cancellations in Cardiac Surgery: Predictable, Dangerous and Avoidable?
Edward J. Caruana, Katerina Konstantinidi, Pete Allsopp, Sally Highton, Adam Szafranek, Selveraj Shanmuganathan (United Kingdom)

AC/VAL-02-EP-4 #1153
Patients' Attitudes Towards Trainee Involvement in Cardiac Surgery
Edward J. Caruana, Samer Mahran, Selveraj Shanmuganathan, Adam Szafranek (United Kingdom)

AC/VAL-02-EP-5 #1178
Cut-Down Outperforms Complete Percutaneous Transcatheter Valve Implantation
Markus Mach, Manuel Wilbring, Konstantin Alexiou, Utz Kappert, Martin Grabenwöger, Klaus Matschke (Austria, Germany)

AC/VAL-02-EP-6 #324
Aortic Valve Replacement Using Perceval S Bioprosthesis. Multicentral, Prospective, Non-randomised Study
Vadim Dalinin, Igor Borisov, Alexey Kuznecov, Dmitriy Andreev (Russia)

AC/VAL-02-EP-7 #341
Surgical Treatment of Patients with Valvular Heart and Coronary Artery Disease
Ivan Skopin, Pavel Kakhktsyan, Alim Otarov, Tigran Asatryan, Aleksandr Dremin, Khachatur Paronyan (Russia)

AC/VAL-02-EP-8 #1020
Our Strategy for Reoperative Cardiac Surgery
Yoichi Kikuchi, Tikara Shiiku, Yoshiyasu Atsuta, Yasutaka Tsutsui (Japan)

AC/VAL-02-EP-9 #643
Aortic Valve Neocuspidization as the Base for Aortic Root Reconstruction Surgery
Roman Komarov, Andrey Katkov, Maxim Tcheglov (Russia)
The First Clinical Experience of Implantation of the Xenopericardial Bioprosthesis “MEDENG-BIO” with the “Easy Change” System
Konstantin Petlin, Boris Kozlov, Anton Schedrin, Andrey Pryakhin, Dmitry Panfilov, Vladimir Shipulin (Russia)

Conventional Aortic Valve Replacement in Patients over 70 Years of Age: Outcomes and Quality of Life
Mariam M. Nersisyan, Irina E. Olofinskaya, Yulia V. Goncharuk, Renat M. Muratov, Ivan I. Skopin, Leo A. Bockeria (Russia)

Surgical Treatment of Infective Endocarditis of Right Chambers of the Heart
Gennadiy Khubulava, Nazim Shikhverdiev, Andrey Peleshok, Dmitriy Ushakov, Vladimir Krivopalov, Valeriy Sizenko (Russia)

Septectomy and Biatrial Resection for Extensive Lipomatous Hypertrophy of the Interatrial Septum
Davorin Sef, Marko I. Turina (United Kingdom, Switzerland)

Discussion

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

15:30 – 17:00
SESSION 3
AORTIC VALVE: WHICH APPROACH TO CHOOSE?

Modified Implantation Technique of the Perceval Sutureless Aortic Valve
Ahmed Mashhour, Konstantin Zhigalov, Marcin Szczechowicz, Sabreen Mkalalu, Iraikli Gogia, Jerry Easo, Harald Eichstaedt, Jürgen Enkker, Alexander Weymann (Germany)

Mini-sternotomy is Better than Complete Sternotomy at the Aortic Valve and the Ascending Aorta Interventions in Patients with Obesity (Propensity-Score-Matching Analysis)
Ravil M. Muratov, Amirbek S. Midinov, Svetlana I. Babenko, Leo A. Bockeria (Russia)

Comparative Assessment of the Results of Application of Modern Russian Models of Mechanical and Biological Prosthetic Heart Valves in Isolated Aortic Valvular Disease
Natalia V. Rogulina, Yuriy N. Odarenko, Stanislav G. Kokorin, Leonid S. Barbarash (Russia)
AC/VAL-03-EP-4  #516  Aortic Valve Reconstruction with Three Same-Sized Autologous Pericardial Leaflets Guided by 3D Hologram Obtained from a Novel Workstation Visalius3D
Takeo Tedoriya, Kenichi Kamiy, Tadamasa Miyauchi, Masaomi Fukuzumi, Yuko Gatate (Japan)

AC/VAL-03-EP-5  #1091  Minimalist Surgical Aortic Valve Replacement
Jürg Grünenfelder, Sacha Salzberg, Thierry Aymard, Patric Biaggi, Silke Küest, David Huerlimann, Georg Noll, Ivano Reho, Christophe Wyss, Roberto Corti (Switzerland)

AC/VAL-03-EP-6  #1147  Sutureless Perceval (Liva Nova, Saluggia, Italia) Aortic Valve in High Risk Aortic Patients. A Key Tool for the Cardiac Surgeon
Elisabet Berastegui Garcia, Sara Badia Gamarra, Maria Luisa Camara Rosell, Luis Delgado Ramis, Claudio Fernandez Gallego, Anna Llorens Ferrer, Ignasi Julia Almill, Juan Bustamante Munguira, Bernat Romero Ferrer, Christian Muñoz Guijosa (Spain)

AC/VAL-03-EP-7  #770  Comparison of the Results of Three Variants of Aortic Valve Replacement in Patients with a Small Aortic Annulus
Evgeny Rosseykin, Evgeny Kobzev, Vladlen Bazylev (Russia)

AC/VAL-03-EP-8  #1267  New Aortic Valve Reconstruction Technique Utilizing Autologous Pericardial Leaflet for Aortic Stenosis
Yoshito Inoue, Soshu Kotani, Hirofumi Haida (Japan)

AC/VAL-03-EP-9  #636  Morphologic Analysis of the Aortic Root Structures
Roman Komarov, Saniia Odinokova, Andrey Katkov, Ivan Vinokurov (Russia)

Amer Harky, Mohamad Bashir, Benjamin Adams, Matthew Shaw, Giridhara Goll, John Yap, Kulvinder Lall (United Kingdom)

AC/VAL-03-EP-11  #612  Stented vs Stentless Aortic Valve Replacement in Patients with Small Aortic Root: A Systematic Review and Meta-analysis
Amer Harky, Mohamad Bashir, Barts Consortium of Surgeons, Rakesh Uppal (United Kingdom)

AC/VAL-03-EP-12  #149  Obstruction of Right Coronary Leaflet Motion Caused by Malorientation of Automated Tied Knots Resulting in Late Significant Regurgitation of an Aortic Bioprosthesis
Oleg Novoseltsev, Vera Hergesell, Peter Oberwalder, Igor Knez, Sotirios Spiliopoulos, Otto Dapunt (Austria)
Discussion

30 min.