FRIDAY, SEPTEMBER 6, 2019

Official Opening Ceremony:

1) 9:00 to 9:30: Official Opening Ceremony

9:00: Introduction to the WSCTS: S. Jamieson
9:10: Welcome to Bulgaria: G. Nachev
9:20: Welcome speech: Boyko Borissov, Prime minister of Bulgaria

9:30 to 10:30:

Plenary Session:

Chairmen: S. Jamieson, G. Nachev, V. Zamvar

9:30: Weaknesses of RCTs: M. Turina
9:45: The Pi Graft: S. Prapas
10:00: Complex Endografting for Complicated Aortic Disease: G. Schorlemmer
10:15: Humanitarian Cardiac Surgery in Middle and Low Income Countries: A. Kalangos

10:30 to 10:45 Coffee Break

11:00 to 11:30:

Chairmen: S. Jamieson, G. Nachev, V. Zamvar

10:45 to 11:00 Gebrine El Khoury,

11:00: “Fifty Years of Heart Transplantation: Down Memory Lane”: S. Jamieson

11:15 “Introduction to Yuriy Pya”: V. Zamvar
11:20 “Presidential Address”: Y. Pya
11:35 Symposium Medicard:
 Symposium Title: Innovative solutions in cardiac surgery
 Symposium Lectures:
 “Simplifying complexity in MICS AVR” Speaker: T. Klokocovnik

“Mastering surgical mitral repair: where catheters will never cover“ - Speaker: K. Perreas

12:15: “Welcome the new President”: Y. Pya, G. Nachev and S. Jamieson

12:45 to 13:30 Lunch

13:30 to 15:30:

A) Coronary Artery Surgery:
Chairmen: S. Prapas, G. Tedy

13:30: “Intraoperative Graft Assessment by TTFM”: T. Keiser
14:45 to 15:30: Free Papers

1. Post-operative Trimetazidine therapy in CABG Surgery: Z. Vazhev

2. Isolation of pulmonary veins in patients with atrial fibrillation without mitral valve disease undergoing elective heart surgery

Dimitar Kyuchukov, Boyan Baev, Rumen Iliev, Stanislava Stoycheva, Gencho Nachev

University Hospital "St.Ekaterina", Medical University, Sofia, Bulgaria

3. 64 year old male with left main coronary dissection and aortic root perforation with tamponade at the time of elective cardiac catheterization

Jeko Madjarov, Francis Robicsek

Carolina Medical Center- Atrium Health, Charlotte, NC

4. Comparison of short-term outcomes for cabg surgery between the royal infirmary edinburgh and the literature

Bosire Oroko, Vipin Zamvar

University of Edinburgh, Edinburgh, UK

5. Coronary artery bypass grafting with or without carotid endarterectomy in patients with established carotid artery stenosis: A systematic review and meta-analysis

Amer Harky, Francesca Gatta, Mark Field, Francesco Torella

6. Mid and long term outcome and factors influencing survival after off-pump coronary artery bypass grafting

Permyos Ruengsakulrach¹, Kosin Thupvong¹, Vitoon Pitiguagool¹, Piyapan Pamornsing¹, Siriwasan Akanithapichat¹, Jamorn Udomkusonsri¹, Mantana Chudtong²,³, Pairote Satiracoo²,³

¹ Division of Cardiovascular Surgery, Bangkok Heart Hospital, Bangkok Hospital Group, Bangkok, Thailand
² Department of Mathematics, Faculty of Science, Mahidol University, Bangkok, Thailand
³ Centre of Excellence in Mathematics, CHE, Bangkok, Thailand.

7. Impact on patient outcomes before and after implementation of CABG clinical pathway
Kee Soon Chong, Paneer Selvam, Jeswant Dillon

Cardiothoracic Surgery Department, Institut Jantung Negara, Kuala Lumpur, Malaysia

8. Myocardial revascularization using the two internal mammary arteries: advantages and disadvantages

Housni Larguat, Aksas Sana, Boudiaf Elhadj

EHS Dr m.a Maouche, Algiers, Algeria

9. Emergency surgical coronary revascularization in patients with acute myocardial infarction

Alexander Bitsadze, Borys Todurov, Yuri Kharenko

SE "Heart Institute of MOH of Ukraine", Kiev, Ukraine

10. Surgical repair for acute myocardial infarction induced ventricular septal defect

Dongjin Wang, Yunxing Xue, Qing Zhou

Department of Thoracic and Cardiovascular Surgery, The Affiliated Drum Tower Hospital of Nanjing University Medical School, Nanjing, China

11. Multimodal low-dose opioid anesthesia in elderly patients undergoing coronary artery bypass grafting with cardiopulmonary bypass

Taisiia Danchyna 2,3, Borys Todurov 1,2, Oleh Loskutov 1,2, Druzhyna Oleksandr 1,2, Volodymyr Kolesnykov 1,2, Bohdan Dimov 1,2

1 “Heart Institute Ministry of Health of Ukraine”, Kyiv, Ukraine
2 Anesthesiology and Intensive Care department Shupyk NMAPE, Kyiv, Ukraine
3 National Military Medical Clinical Centre, Kyiv, Ukraine

13:30 to 15:30

B) Video-Assisted Thoracoscopic Surgery

Chairmen: T. Stupnik, T. Minchev


14:00 to 15:30: Free Papers
1. Thymectomy for non-thymomatous myasthenia gravis: comparison of video-assisted thoracoscopic and transsternal thymectomy. Reza Bagheri, Reza Boostani, Ali Sadrazadeh, Maryam Salehi, Reza Afghani, Ali Rahnama, Vahab Azmounfar, Saeed Hakimian; Mashhad, Iran

2. Endoscopic transthoracic sympathectomy is a useful option for severe intractable angina and catecholaminergic polymorphic ventricular tachycardia. Mitsuhiro Kamiyoshihara, Hitoshi Igai, Natsumi Matsuura, Ryohei Yoshikawa, Fumi Ohsawa, Tomohiro Yazawa; Maebashi, Gunma, Japan

3. VATS/ Laparoscopic resection of the oesophagus and gastroplasty - the initial experience with 20 patients. Tsvetan Minchev, Veselin Marinov, Emanuil Manolov, Anton Angelov, Slavi Bizokov; Sofia, Bulgaria


5. VATS vs OPEN THORACIC SURGERY IN PATIENTS WITH PNEUMOTHORAX - where do we stand? Nexhati Jakupi; Skopje; North Macedonia

6. Application of super uniport VATS without muscle and nervous injured Zhangfan Mao, Gaoli Liu, Dong Ping, Haifang Hu, Shaowen Zhang, Shize Pan; Hubei, China

7. Effect of diaphragm plication on phrenic complication of nerve excision in thymoma patients with and without myasthenia gravis. Reza Bagheri, Seyed Haghi, Reza Afghani, Vahab Azmounfar, Saeed Hakimian, Mohammad Firoozabadi, Negar Morovatdar, Elham Lotfian; Mashhad, Iran

C) Vascular Surgery- Peripheral arterial disease.

Chairmen V. Chervenkov, D.Petkov

13:30 Substitution of defects and thromboses of popliteal artery with autovenous conduits from small saphenous vein- Ognian Matkov, Yovcho Topalov, Georgi Marinov

13:45 Is the late periferal catheter embolectomy a procedure with limited potential? - Lefter Nasto, Tanyo Kavrakov, Valentin Vasilev

14:00 Embologenic aorta with multiple peripheral embolism- Ognian Matkov, Angel Marinov, Rosen Razboynikov, Ivaylo Nenov, Desislava Bojadjieva, Boris Tsankov, Georgi Voynov

14:15 Endovascular treatment of chronic total occlusions of subclavian artery-
Chavdar Bachvarov, Georgi Todorov, Veselin Petrov, Emil Jordanov

14:30 **EXTENDED POSSIBILITIES IN THE SURGICAL TREATMENT OF THE PROGRESSIVE TROMBOANGIITIS OBLITERANS (BUERGER’S DISEASE):** Ivan Tenev, Anton Elkin, Pavel Atanasov, Svetoslav Biserov, Dimitar Petkov

14:45 **Endoluminal multifragmentation of leading catheter – peripheral polydissemination with acute ischaemia** - Anton Elkin, Pavel Atanasov, Ivan Tenev, Georgi Dimirov, Mihail Mihalev, Dimitar Petkov

15:00 Discussion

15:30 to 16:00 **Coffee Break**

16:00 to 18:00

A) **Congenital Cardiac Surgery**

Chairmen: A. Kalangos; D. Petkov

16:00 “Surgical Management of Ebstein’s Anomaly”: A. Kalangos
16:15 “Adult Patients with Congenital Heart Disease”: D. Petkov
16:30 Preventza Ourania - Aortic root - aortic arch?
16:45 to 18:00: Free Papers

1. Outcomes of Shone’s Complex surgery; a Single Center Experience

Ahmed Elmahrouk, Mohamed Ismail, Amr Arafat, Mohamed Jalal, Azzahra Edrees, Tamer Hamouda, Abdelmonem Helal, Ahmed Jamjoom

King Faisal Specialist Hospital and Research Center, Jeddah, Saudi Arabia

2. Outcomes of primary complete repair of common arterial trunk: a 25 year experience -

Ventsislav Boshnakov, Ivaylo Mitev, George Konstantinov, Plamen Mitev, Dimitar Pechilkov, Anna Kaneva, Stojan Lazarov

1 Department of Congenital Heart Surgery, National Heart Hospital, Sofia, Bulgaria
2 Pediatric Cardiac Intensive Care Unit, National Heart Hospital, Sofia, Bulgaria
3 Department of Pediatric Cardiology, National Heart Hospital, Sofia, Bulgaria

3. Short term outcome of hand-sewn bovine pericardial conduits for RVOT reconstruction

Ravi Agarwal, Santosh Wadile, Roy Varghese, Sivakumar K

The Madras Medical Mission, Chennai, Tamilnadu, India
4. Mini-thoracotomy approach with central cannulation for repair of ventricular septal defects – a better alternative

Anil Sharma, Sunil Dixit, Mohit Sharma, Jaikishan Suthar

Department of cardiothoracic and vascular surgery, S. M. S. Medical College, Jaipur, Rajasthan, India

5. Comparison of the effect on endothelial dysfunction of single dose cardioplegia (Del Nido) and multi dose cardioplegia (St Thomas II)

Erman Sureyya Kiris¹, Eren Gunertem², Uğur Aksu³, Hakki Zafer Iscan², Ertekin Utku Unal³

¹Hakkari Devlet Hastanesi Kalp Damar Cerrahisi, Hakkari, Turkey
²TC Saglik Bakanligi Ankara Sehir Hastanesi Kalp Damar Cerrahisi, Ankara, Turkey
³Istanbul Universitesi Fen Fakultesi Biyoloji Anabilim Dali, Istanbul, Turkey

6. Redo mitral valve replacement on fibrillating heart – is the outcome better?

Dimitar Petkov, Jordan Makedonski, Angel Doichev, Gencho Nachev

Department of cardiosurgery, University Hospital Sv.Ekaterina, Sofia, Bulgaria

7. Surgical ventricular restoration in patients with left ventricular aneurisms -

Boyan Baev, Dimitar Kyuchukov, Tihomir Hristov, Dimitar Petkov, Rumen Iliev, Gencho Nachev

Department of Cardiovascular Surgery, University Hospital “St. Ekaterina”, Sofia, Bulgaria

B) Lung Cancer:

Chairmen: T. Stupnik, G. Kalaydzhiev;

16:00: “New pulmonary lesion in patients with known Primary Cancer Site”: G. Kalaydzhiev

16:15: “Tracheal Resection”: T. Minchev

Tracheal resections and reconstructions for primary Adenoid cystic carcinoma - 12 years of experience and follow up.

Tsvetan Minchev, Emanuil Manolov, Asen Kelchev, Anton Angelov, Slavi Bizokov, Margarita Kateva; Sofia, Bulgaria

16:30 to 18:00: Free Papers

2. **Pulmonary Resections For In Situ And Minimally Invasive Adenocarcinomata In The Elderly: Prognostic Factors For Mortality And Recurrence.** Walid Mohamed, Mohammed Chowdhry; Leicester, UK

3. **Long-term results after adrenalectomy for isolated adrenal metastases in operable patients with nsclc- two institutions study.** Anatoli Semkov, Georgi Yankov, Emilia Naseva, Dejan Djuric, Danail Petrov; Sofia, Bulgaria

4. **Resection of locally advanced lung cancer with cardiopulmonary bypass.** Tsvetan Minchev, Dimitar Nikolov, Ivilin Todorov, Veselin Georgiev, Georgi Vasilev, Plamen Purvanov, Veneta Grigorova, Emanuil Manolov; Sofia, Bulgaria

5. **Sentinel node mapping in non-small cell lung cancer using intra-operative radiotracer technique.** Susan Shafiei, Reza Bagheri, Ramin Sadeghi, Vahid Dabbagh kakhki, Amir Jafarian, Reza Afghani, Davood Attaran, Reza Basiri, Shahrzad Lari; Mashhad, Iran

6. **Sub-lobar resection versus radio-frequency ablation in the treatment of stage I NSCLC in high risk patients.** Nizar Asadi, Vladimir Anikin, Emma Beddow, Paras Dalal; London, UK

7. **Comparison between Nd:YAG laser and conventional methods for pulmonary metastasectomy – 7 year trial.** Vasil Yordanov, Teodor Badarov, Deyan Yordanov, Svetlin Nikolov, Alexandra Dimitrova; Sofia, Bulgaria

8. **Esophagectomy for Esophageal adenocarcinoma and postoperative complications in kidney transplant Patient.** Yankov Georgi, Vladimir Stanoev, Anatoli Semkov, Rossen Petkov, Danail Petrov; Sofia, Bulgaria

**SATURDAY, SEPTEMBER 7, 2019**

8:30 to 09:50:

Joint Session with Bulgarian Association of Thoracic and Cardiovascular Surgery; European Association of Thoracic Surgeons, European Society for Vascular Surgery, European Association for Cardiothoracic Surgery.
A) Cardiac Surgery

Chairmen: G. Nachev, D. Nikolov

1. Simultaneous Type A dissection repair and redo C-section in a patient presenting in extremis

Jeko Madjarov, Francis Robicsek
Carolinas Medical Center- Atrium Health, Charlotte, NC

2. Endovascular versus Open Surgical Repair for Isolated Ruptured Descending Thoracic Aorta: A Systematic Review and Meta-Analysis

Amer Harky, Francesca Gatta, David Bleetman, Peter Erekson, Grace Chaplin, Beverly McCarthy, Shirish Ambekar, Neil Roberts, Aung Oo

3. Root management strategy in Stanford A aortic dissection

Yunxing Xue, Qing Zhou, Dongjin Wang

Department of Thoracic and Cardiovascular Surgery, The Affiliated Drum Tower Hospital of Nanjing University Medical School, Nanjing, China

4. Antegrade implantation of previously fenestrated stent for arch repair for acute Stanford type A aortic dissection

Qing Zhou, Yunxing Xue, Dongjin Wang

Department of Thoracic and Cardiovascular Surgery, The Affiliated Drum Tower Hospital of Nanjing University Medical School, Nanjing, China

5. Axillary-carotid bypass with TEVAR for complex arch disease - traditional method to solve difficult problem

Shuchun Li, Yunxing Xue, Qing Zhou, Dongjin Wang

Department of Thoracic and Cardiovascular Surgery, The Affiliated Drum Tower Hospital of Nanjing University Medical School, Nanjing, China

6. Direct true lumen cannulation technique in acute type - a aortic dissection

Syed Shahabuddin, Shahid Ahmed Sami

Department of surgery, Aga Khan University Hospital, Karachi, Pakistan

7. Urgent thrombectomy of incidental diagnosed floating thrombi by multidetector computed tomography from the aortic arch
Veneta Grigorova1, Georgi Vasilev1, Ivilin Todorov1, Galina Kirova1, Dimitar Nikolov1

1 Department of Cardiac Surgery, Acibadem Ciy Clinic Tokuda Hospital, Sofia, Bulgaria
2 Department of Medical Imaging, Acibadem Ciy Clinic Tokuda Hospital, Sofia, Bulgaria

8. Contemporary results of mitral valve repair – a nine-year experience

Georgi Manchev, Vassil Gegouskov, Valya Goranovska, Boyan Markov
Division of Cardiac Surgery, St. Anna University Hospital, Sofia, Bulgaria

9:50 to 10:30: Symposium Sopharma Traiding

8:30 to 10:30:

B) General Thoracic Surgery
Chairmen: D. Yordanov

1. Medistinal and cervical evolution of pancreatic pseudo-cysts after acute pancreatitis. Tsvetan Minchev, Emanuil Manolov, Anton Angelov, Slavi Bizyokov, Petko Karagyozov

2. Rare case of a migration of arterial stent, placed in the iliac vein into the right pulmonary artery - late outcomes after surgical treatment. Yankov Georgi, Anatoli Semkov, Mihail Plochev, Danail Petrov

3. Surgical Resection of Pulmonary Lesion in Patients with Known Primary Cancer Site – Not Only Metastases, but Also Second Primaries and Benign Tumors. George Kalaydjiev, Maria Yancova, Petko Tzonev, Michail Shindov

4. Video-assisted thoracoscopic surgery for bronchogenic cysts in early childhood. Yanko Pahnev, Hristo Shivachev, Zdravka Antonova, Nikola Kartulev, Nia Atanasova, Vanya Strahinova, Daniela Antonova

5. Initial experience in RATS. Tsvetan Minchev, Anton Angelov

C) Posters-Vascular surgery:
Chairmen: V. Chervenkov

Four new clinical symptoms in thrombophlebitis of the deep veins Yovtcho Topalov, M. Topalova
Treatment of operative "closed cavities" and traumatic decollement of the skin with the help of conciliation displaced of fixed points "antiseptic drainage“ Iovcho Topalov, Kalina Casadiego
Hybrid approach: remote endarterectomy and endovascular recanalization in a patient with chronic upper extremity arterial occlusion. Case report Alexander T Daskalov, Nikolai Valchev, Vassil Chervenkov

Extraanatomical autovenous reconstruction in an intravenous drug-addict patient with erosive bleeding from the femoral triangle Lyubomir Beshev, Gyulyay Ahmedova, Martin Marinov, Elina Merashka

Common carotid artery pseudoaneurysms as a result of an acute inflammatory process – our clinical experience- Lyubomir Beshev, Gyulyay Ahmedova, Martin Marinov, Elina Merashka, Ruja Gencheva, Valentin Govedarski)

10:30 to 11:00 Coffee Break

11:00 to 12:00

Vascular Surgery:

Chairmen: G. Schorlemmer, T. Zahariev

11:00: Compression Syndromes in Vascular Pathology: T. Zahariev
11:15: How to transform a Cardiovascular Surgeon to an Endovascular Surgeon: H. Shennib
11:30 Nutcracker syndrome- surgical treatment. Clinical cases- Valentin Govedarski, Milena Angelova, Dimitar Chernev, Ilyan Petrov, Borislav Denchev, Todor Zahariev, Gencho Nachev

11:45 Modified veneplication technique a modo Topalov-Guirov for prophylaxis of venous thromboembolism- Dragomir Draganov, Iovcho Topalaov, Kuzman Guirov, Svetozar Marangozov

11:00 to 12:00

Transplantation

Chairmen: R. Hetzer, H. Reichenspurner, Y. Pya,

11:00: Ventricular Assist Devices: From Experiments to Clinical Routine: R. Hetzer
11:15: Fifty years of Transplantation: What has changed?: H. Reichenspurner
11:30 to 12:00: Free Papers

1. Liver dysfunction predicts poor outcomes in adult extracorporeal membrane oxygenation support

Nikola Dobrilovic, Robert March, Omar Lateef, Karl Karlson, Jaishankar Raman

¹ Division of Cardiac Surgery, Boston University, Boston, Massachusetts, USA

Borys Todurov¹, Andrii Khokhlov¹, Olexandr Druzhyna¹², Oleh Loskutov¹², Olexandr Postupalskyi¹, Stepan Maruniak¹², Sergii Veremchuk²

¹State Institution «Heart Institute Ministry of the Health of Ukraine», Kyiv, Ukraine
²Department of Anesthesiology and Intensive Care, Shupyk NMAPE, Kyiv, Ukraine

3. Renal failure incidence post sequential bilateral lung transplantation

Florentina Popescu, Jorge Mascaro

Cardiopulmonary Transplantation, Queen Elizabeth Hospital, Birmingham, UK

12:00 to 12:15: Symposium Abbott
12:15 to 12:30 Symposium Edwards Lifesciences

12:30 to 13:30:

WSCTS: Annual General Meeting
(Admission only for members of WSCTS whose subscription is uptodate)

12:30 to 13:30: Lunch Break

13:00 to 13:30 Symposium Johnson and Johnson - Hall 7

13:30 to 15:30

A) Cardiac Surgery

Chairmen: S. Prapas, R. Almeida,
13:10: Challenges in Cardiac Surgery in the Developing World: R. Almeida
13:50: Minimally Invasive Mitral Valve Surgery: Y. Mishra
14:10 to 15:30 Free papers

1. Post-Cardiac Surgery Mediastinitis : Z. Vazhev

2. Outcome predictors for surgical AF ablation concomitant to mitral valve surgery

Simon Pecha, Johannes Petersen, Christian Meyer, Hermann Reichenspurner

University Heart and Vascular Center, Hamburg, Germany
3. Prevention sick sinus syndrome in patients with the fragmentation operation in left atrium for correction of isolated mitral valve disease

Volodymyr Popov, V. Roy, K. Pukas, A. Topchiy

National Institute of Cardio-Vascular Surgery named after Amosov, Kiev, Ukraine

4. Reconstruction of left part of the heart for mitral valve diseases

Volodymyr Popov, Oleksandr Bolshak, Viktoriya Roy, Vasily Lazorishinetz

National Institute of Cardio-Vascular Surgery named after Amosov, Kiev, Ukraine

5. Myocardial protection for isolated mitral valve replacement: is retrograde applying of cardioplegia is better than antegrade?

Alexey Gurtovenko, Volodymyr Popov, Bogdan Gumenyuk, Vasily Lazorishinetz

National Institute of Cardio-Vascular Surgery named after Amosov, Kiev, Ukraine

B) Vascular Surgery

Chairmen: G. Schorlemmer, H. Shennib

13:30: Thoracoabdominal Aortic Aneurysms G. Schorlemmer
13:40: Endovascular Training for Cardiac Surgeons: H. Shennib
13:50 to 14:15 Symposium S&T
14:15 to 15:30 Free Papers

14:15 A case of ruptured AAA in patient with heavy Behterev

Veselin Petrov, Rumen Nenkow, Milen Slavov, Mite Gurkovski, Martina Sapundjieva, Veselin Petrov Jr Department Vascular surgery and angiology, Medical University, Varna, Bulgaria

14:25 Successful multistage hybrid treatment of AAA and intraluminal thrombus in thoracoabdominal aorta- case report

Stefan Stefanov1, Ivo Petrov1, Vlado Galacev1, Petar Valcanov2 1 Acibadem City Cliniic, Sofia, Bulgaria 2 Medical University, Varna, Bulgaria

14:35 Combined surgical treatment of a patient with multiple aorto-arterial aneurysmal disease with synchronic SFA obliteration not suitable for EVAR- Elena Domuschieva, Borislav Denchev, Valentin Govedarski, Todor

14:45 Diabetes mellitus and AAA- literature review and ten years retrospective analysis- Margaret Dimova, Nadelin Nikolov, Bistra Boneva, Detelina Lukanova, Mario Stankev, Stefan Stanev
15:00 Hybrid approach in acute aortic dissection DeBakey type IIIb coexisting with dissecting abdominal aneurysm. Clinical case- Valentin Govedarski, Elitsa Dimitrova, Emil Hadzhie, Peyo Simeonov, Todor Zahariiev, Gencho Nachev


C) General Thoracic Surgery
Chairmen: D. Petrov

13:30 to 15:30 - Free Papers

   Oleg Kshivets; Moscow, Russia

2. Long-term results of surgery in cases benign tracheal diseases - single institution study.
   Yankov Georgi, Anatoli Semkov, Vladimir Stanoev, Mihail Plochev, Danail Petrov; Sofia, Bulgaria

3. Examination of the Methods of Surgery in Treatment of Pulmonary Aspergilloma.
   Reza Bagheri, Seyed ziaollah Haghi, Reza Afghani, Shahrzad Lari, Vahab Azmounfar, Saeed Hakimian, Mohammad Firoozabadi, Elham Lotfian; Mashhad, Iran

4. Intrapulmonary multiple ectopic thyroid- A different diagnosis in a patient with bilateral lung nodules.
   Mertay Boran, Ertay Boran, Elif Nisa Ünlü; Duzce, Turkey

5. Non-toxicity of intrapleural sericin administration in the nervous system of rats.
   Alkin Yazicioglu, Tuba Sahinoglu, Serkan Uysal, Mehmet Sahin, Funda Demirag, Erdal Yekeler; Ankara, Turkey

6. The occurrence of subcutaneous emphysema, pneumomediastinum, pneumothorax, pneumoperitoneum in the patient after elective percutaneous dilational tracheostomy.
   Ertay Boran, Mertay Boran; Duzce, Turkey

   Mertay Boran, Ertay Boran; Duzce, Turkey

8. Use of incentive spirometry in adults following upper abdominal surgery to prevent postoperative pulmonary complications: a systematic review.
Kerrie A Sullivan, Isabella F Churchill, Waël C Hanna; Hamilton, Ontario, Canada

9. Renal failure incidence post sequential bilateral lung transplantation.
Florentina Popescu, Jorge Mascaro; Birmingham, UK

15:30 to 16:00 Coffee Break

16:30 to 18:00

Cardiac Surgery:

Chairmen: J. Pomar,

16:30 Off-Pump Re-Do Coronary Artery Surgery: G. Tedy
16:45 to 18:00: Free Papers

1. TAVI in bicuspid aortic valve: a systematic review
Amer Harky, Francesca Gatta, Reshad Rehmli, Dilan Sanli, Jeffrey Chan

2. Aortic valve leaflet reconstruction with unequal sinuses of Valsalva guided by a virtual reality image
Takeo Tedoriya, Ryo Okano, Tadamas Miyauchi, Yuko Galatea, Masaomi Fukuzumi
Cardiovascular Center, Ageo Central General Hospital, Ageo, Japan

3. Neocuspidization of the aortic valve with autopericardial tissue: results of 90 consecutive operations
Igor Mokryk, Vitaly Demyanchuk, Natalia Ponich, Chrystyna Monastyrskaya, Olga Epanchinceva, Iryna Aksionova, Igor Kuzmich, Borys Todurov

Department of Adult Cardiac Surgery, Heart Institute, Kyiv, Ukraine

4. The novel use of oral antibiotic monotherapy in prosthetic valve endocarditis caused by Finegoldia magna: a case study
Siobhan Chien¹, David Gorman¹, Charilaos-Panagiotis Koutsogiannidis¹, Vipin Zamvar¹, Ramanish Ravishankar²

¹Department of Cardiothoracic Surgery, Royal Infirmary of Edinburgh, Edinburgh, UK
²University of Edinburgh, Edinburgh, UK
5. Benefits of rapid deployment aortic valve replacement with a mini upper sternotomy
Charilaos-Panagiotis Koutsogiannidis, Saumya Maheshwari, Vipin Zamvar, Vincenzo Giordano, Kelvin Lim, Renzo Pessotto
Cardiothoracic Surgery Department, Royal Infirmary of Edinburgh, Edinburgh, UK

6. Trans-apical transcatheter aortic valve replacement in complex aortic valve disease with J-Valve system
Qing Zhou, Yunxing Xue, Shuchun Li, Dongjin Wang
Department of Thoracic and Cardiovascular Surgery, The Affiliated Drum Tower Hospital of Nanjing University Medical School, Nanjing, China

7. Sizing the aortic annulus, valve profiles and types of heart block related to Edwards Intuity sutureless bioprosthesis implantation
Weon Yong Lee, Byung Mo Gu, Ho Hyun Ko
Cardiothoracic surgery, Hallym university sacred heart hospital, Anyang, Korea

16:30 to 18:00:

**Vascular Surgery: Carotid session**

Chairmen: G. Schorlemmer, V. Petrov

16:30: Surgical Treatment of Carotid Artery Disease: V. Petrov
16:45: Timing of Carotid Artery surgery in the patient with Ischaemic Heart Disease: D. Kyuchukov
17:00 to 18:00: Free Papers
17:00 **Surgical treatment of symptomatic carotid tortuosity-13 years of clinical experience**- Valentin Govedarski, Svetoslav Dimitrov, Sofia Antonova, Todor Zahariev, Gencho Nachev

17:15-**Carotid stenosis in cardiac surgery patients- literature review**- Bistra Boneva, Nadelin Nikolov, Margaret Dimova, Detelina Lukanova, Mario Stankev

18:00 Annual General Meeting of Bulgarian Association of Thoracic, Cardiac end Vascular Surgery - Hall 7
SUNDAY, 8 September 2019

A) 8:30 to 10:30

Cardiovascular Surgery:

Chairmen: V. Zamvar, H. Shennib

8:30: Lessons learned from TEVAR Trials : H. Shennib
8:45: Minimally Invasive Aortic Valve Replacement: Y. Mishra
9:00: Abdominal Aortic Aneurysms: G. Schorlemmer
9:15 to 10:30: Free Papers

1. Retrograde cerebral perfusion as an appropriate method of cerebral protection during surgical correction of ascending aorta and aortic arch aneurysms

Vitalii Kravchenko, Ivan Kravchenko, Iryna Osadovskaya, Diana Gorban, Djachenko Valerii, Vasyl Lasoryshynets

Amosov National Institute of Cardiovascular Surgery, Kyiv, Ukraine

2. Evaluation of aortic valve sparing techniques in ascending aortic aneurysm and dissection

Mostafa Tolba, Mostafa Elhelali, Salah El-Din Khalaf, Mohamed Fouda, Mohamed Saleh

Cardiac surgery department, Nouvel Hopital Civil, Strasbourg university, France and Cardiothorathic surgery department, Mansoura university, Egypt

3. Concept of surgical cardiology featuring frustrations, foresight and future of the cardiac surgeons

Nazmul Hosain¹, Abdul Chowdhury², Minhasur Chowdhury³, Farzana Amn³, Anisuzzaman³, Fazle Maruf³, Mamunur Rahman²

¹ Department of Cardiac Surgery, Chittagong Medical College & Hospital, Bangladesh
² Department of Cardiac Anesthesia, Chittagong Medical College & Hospital, Bangladesh
³ Northern Health, British Columbia, Canada

4. Surgical treatment of poststenotic aneurysms of ascending aorta

Volodymyr Popov, Ivan Kravchenko, Vitaly Kravchenko, Vasily Lazorishinetz

National Institute of Cardio-Vascular Surgery named after Amosov, Kiev, Ukraine
5. 10 - years experience in surgical treatment of acute pulmonary embolism

Todor Gonovski\textsuperscript{1,2}, Zaprin Vazhev\textsuperscript{1,2}, Asen Ivanov\textsuperscript{1}, Hristo Stoev\textsuperscript{1,2}, Konstantin Dimitrov\textsuperscript{1,2}

\textsuperscript{1} Department of Cardiovascular Surgery, Medical University, Plovdiv, Bulgaria
\textsuperscript{2} "St. George" University Hospital, Plovdiv, Bulgaria

6. 15-years of clinical experience in carotid thrombendarterectomy and coronary artery bypass grafting as single staged procedure

Zaprin Vazhev\textsuperscript{1,2}, Konstantin Dimitrov\textsuperscript{1,2}, Hristo Stoev\textsuperscript{1,2}, Asen Ivanov\textsuperscript{1}, Todor Gonovski\textsuperscript{1,2}

\textsuperscript{1} University Hospital "St. George" - Plovdiv, Bulgaria
\textsuperscript{2} Medical University of Plovdiv, Plovdiv, Bulgaria

7. Reducing OR cancellations and hospital cost: nurse – led intervention at a tertiary care hospital in LMIC

Sadaaqat Ali, Mahim Akmal, Tahira Faiz

AKUH, Pakistan

8. Effectiveness of hybrid coronary revascularization in patients with intermediate-high SYNTAX Score

Aliaksandr Charniak, Vladislav Podpalov, Oleg Kozak, Kiryl Rubakhov, Elina Shkrebeva, Alexey Ostrovsky

Minsk Scientific and Practical Center of Surgery, Transplantology and Hematology, Minsk, Belarus

B) 8:30 to 10:30

Cardiac Surgery

Chairmen: S. Prapas, B. Biocina

8:30: Symposium Vega Medical : Surgical treatment options for heart failure: B. Biocina
9:10: New Technologies in Cardiac Surgery: R. Almeida
9:30 to 10:30 Free Papers

1. Ten years experience with re-do adult cardiac surgery: single centre retrospective study

Ivilin Todorov, Georgi Vasilev, Veneta Grigorova, Dimitar Nikolov

Clinic of Cardiac Surgery, Acibadem City Clinic Tokuda Hospital, Sofia, Bulgaria

2. Narrow ostium of aorta during isolated aortic valve replacement: choice of correction
Konstantin Vakulenko, Volodymyr Popov, Olexandr Bolshak

National Institute of Cardio-Vascular Surgery named after Amosov, Kiev, Ukraine

3. Mediastinitis in patients post open heart surgery – prevention and predicting factors -
Hristo Stoey1, Zaprin Vazhev2, Todor Gonovski3, Asen Ivanov4, Konstantin Dimitrov5

1 St. George University Hospital– Plovdiv
2 Department of Cardiac Surgery
3 Medical University-Plovdiv
4 Department of Cardiac and Vascular surgery

4. Posterior leaflet augmentation patch-plasty as a part of complex repair of secondary mitral regurgitation

Plamen Panayotov, Daniela Panayotova, Vladimir Kornovski, Yavor Peychev

Department of Cardiac Surgery, St.Marina University Hospital, Varna, Bulgaria

5. Cryo-ablation for atrial fibrillation as a concomitant procedure for patients with ischemic or valvular heart diseases

Plamen Panayotov, Ani Raynova, Daniela Panayotova, Yavor Peychev

Department of Cardiac Surgery, St.Marina University Hospital, Varna, Bulgaria

6. Surgical treatment of myxomas of the heart

R.Vitovskiy, Volodymyr Popov, V. Isaienko, V.Lazorishinetz

National Institute of Cardio-Vascular Surgery named after Amosov, Kiev, Ukraine

7. Experience of National Research Cardiac Surgery Center in surgical and endovascular treatment of cardiac diseases in peripartum women

Selbi Meiramova1, T. Lesbekov1, Y. Kuantayev2, Zh. Ashirov2, D. Shustov2, Y. Pya2

1 National Research Cardiac Surgery Center, Nur-Sultan, Kazakhstan
2 City Cardiology Center, Shymkent, Kazakhstan

8. The efficacy of box lesion+ procedure in patients with atrial fibrillation: Five-year follow-up results

Oleg Sapelnikov, Dmitrii Cherkashin, Igor Grishin, Olga Nikolaeva, Darin Ardus, Andrey Shiryaev1, Renat Akchurin
9. Arsenic in myocardium: analysis of tissue samples from living human hearts

Nazmul Hosain¹, Fahmida Wali², Jibran Alam², Rubhana Rakib⁵, Farzana Amin⁴, Abdul Chowdhury¹, Fazle Maruf⁶, Mamunur Rahman⁵, Zillur Rahman⁶, Mohammad Al-Forkan²

¹ Department of Cardiac Surgery, Chittagong Medical College & Hospital, Bangladesh
² Department of Genetic Engineering & Biotechnology, University of Chittagong, Bangladesh
³ International Center for Diarrheal Diseases and Research Bangladesh, Dhaka, Bangladesh
⁴ Northern Health, British Columbia, Canada
⁵ Department of Cardiac Anesthesia, Chittagong Medical College & Hospital, Bangladesh
⁶ Department of Pathology, Chittagong Medical College & Hospital, Bangladesh

C) 8:30 to 10:30

CARDIAC SURGERY – POSTERS

Chairmen: Z. Vazhev, V. Popov

1. Gastroepiploic artery harvesting for CABG - the alternative surgical technique

Hristo Stoey¹, Zaprin Vazhev², Konstantin Dimitrov³
¹ St. George University Hospital – Plovdiv, Bulgaria
² Department of Cardiac Surgery
³ Medical University-Plovdiv, Bulgaria

2. Risk factors and prevention of wound infection after cardiac surgery in Department of Cardiac Surgery, University Hospital "St. Marina ", Varna, Bulgaria -

Pavlin Manoilov¹, Plamen Panayotov¹, Veselin Hadjiev²
¹ Department of Cardiac Surgery, University Hospital "St. Marina", Varna, Bulgaria
² University of Economics, Varna, Bulgaria

3. Pre-and postcondition of coronary artery and myocardium for isolated mitral valve replacement

Volodymyr Popov, Alex Gurtovenko, Bogdan Gumenyuk

National Institute of Cardio-Vascular Surgery named after Amosov, Kiev, Ukraine

4. Arch plasty of left atrium for moderate dilatation of left atrium: is it necessary?

Volodymyr Popov, Bogdan Gumenyuk, Svetlana Andrievskaya
National Institute of Cardio-Vascular Surgery named after Amosov, Kiev, Ukraine

5. The role of la`s diameter in recovery of sinus rhythm during valve correction

Volodymyr Popov, Victoria Roy, Katerina Pukas, Alina Topchiy
National Institute of Cardio-Vascular Surgery named after Amosov, Kiev, Ukraine

6. The remote results after isolated aortic valve replacement

Konstantin Vakulenko, Volodymyr Popov
National Institute of Cardio-Vascular Surgery named after Amosov, Kiev, Ukraine

7. Modified left ventricular reconstruction method for ischemic heart disease with left ventricular aneurysm

Jun Pan, Yunxing Xue, Qing Zhou, Dongjin Wang
Department of Thoracic and Cardiovascular Surgery, The Affiliated Drum Tower Hospital of Nanjing University Medical School, Nanjing, China

8. Results of false lumen status of different methods for aortic arch treatment in Stanford A aortic dissection

Qing Zhou, Yunxing Xue, Dongjin Wang
Department of Thoracic and Cardiovascular Surgery, The Affiliated Drum Tower Hospital of Nanjing University Medical School, Nanjing, China

9. Clinical outcomes of different locations of primary intimal tear in Stanford A aortic dissection

Chang Liu, Yunxing Xue, Qing Zhou, Dongjin Wang
Department of Thoracic and Cardiovascular Surgery, The Affiliated Drum Tower Hospital of Nanjing University Medical School, Nanjing, China

10. The role of postoperative Trimetazidine therapy on myocardial preservation and graft patency in coronary artery bypass surgery patients

Asen Ivanov1,2, Zaprin Vazhev1,2, Todor Gonovski1,2, Hristo Stoey1,2, Konstantin Dimitrov1,2

1Department of Cardiovascular Surgery, Medical University, Plovdiv, Bulgaria;
2"St. George" University Hospital, Plovdiv, Bulgaria
11. Surgically treated saccular left main coronary artery aneurysm

Asen Ivanov¹, Zaprin Vazhev¹, Todor Gonovski¹, Hristo Stoev¹, Konstantin Dimitrov¹, Gencho Nachev³

¹ Department of Cardiovascular Surgery, Medical University, Plovdiv, Bulgaria
² "St. George" University Hospital, Plovdiv, Bulgaria
³ "St. Ekaterina" University Hospital, Sofia, Bulgaria

12. Isolated mitral valve replacement without usage of donor blood

Volodymyr Popov, Bogdan Gumennyk

National Institute of Cardio-Vascular Surgery named after Amosov, Kiev, Ukraine

10:30 to 11:00 CLOSING CEREMONY