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Dear Colleagues,

On behalf of the Executive Committee of the European Society for Cardiovascular and Endovascular Surgery, it is a great pleasure to welcome you to Strasbourg for the 67th ESCVS Congress. The ESCVS is the oldest society in Europe in the cardiac and vascular surgical field and was founded by René Leriche and R. Dos Santos in 1950. It has a strong tradition of merging specialties to provide better care for patients. The Society is actively engaged in projects involving its young members, to train them and give them the experience and knowledge of new techniques and materials.

After 67 years the ESCVS congress has returned to Strasbourg where we first began our historical congress. Although much has changed over these years in our world and in the world of cardiovascular and vascular surgery, the foundations of this congress have remained the same.

With over 20 hours of scientific discussions and presentations, participants have the opportunity to engage with the most current topics and faculty members in cardiology and vascular surgery. A highlight of our program, as always, is the Young Cardiac and Vascular Surgeon Awards. This year, 16 leading surgeons of tomorrow will be vying for 1st, 2nd and 3rd place in both Cardiac and Vascular categories.

This year, we will be honouring Prof Alain Carpentier with the Lifetime Achievement Award for his work in Cardiac Surgery. Regarded as the father of reconstructive valve surgery, the ESCVS 2018 Congress is thrilled to have him speak about the “Future of Cardiac Surgery” as we reflect on the past, and look forward to the future.

We are also pleased to welcome Dr. Bud Frazier, a leader in heart transplantation and mechanical circulatory support, as one of our keynote speakers who will present about the “Evolution of Mechanical Circulatory Support and Future Developments”.

The ESCVS 2018 Congress Organisers and Scientific Committee warmly welcome you to Strasbourg and thank all our partners in making this possible.

Thank you for joining us this year as we continue to explore the vast world of Cardiac and Vascular surgery.

Lazar Davidovic  
President, ESCVS

Thierry Folliguet  
Congress Co-President

Jean-Philippe Verhoeye  
Congress Co-President
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R. Leriche 1951 - 1954
R. dos Santos 1954 - 1956
C. Crafoord 1956 - 1958
E. Derra 1958 - 1960
F. Martorell 1960 - 1962
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R. Fontaine 1964 - 1966
J. Kinmonth 1966 - 1968
L. Boerema 1968 - 1970
G. Arnulf 1970 - 1972
E. Malan 1972 - 1974
J. Cid Dos Santos 1974 - 1976
Ch. Hahn 1976 - 1978
J. Niélubowicz 1978 - 1980
V. Bjork 1980 - 1982
N. Browse 1982 - 1984
1984 - 1986 M. Macedo
1986 - 1988 J. Vollmar
1988 - 1990 W. Bircks
1990 - 1992 A. Thévenet
1994 - 1996 F. Vermeulen
1996 - 1998 A. Dinis da Gama
1998 - 2000 P. Biglioli
2000 - 2002 C. Dzsizinich
2002 - 2004 J. C. Schoevaerdts
2004 - 2006 E. Kieffer
2006 - 2008 S. Schueler
2008 - 2010 G. Deriu
2010 - 2012 M. Zembala
2012 - 2014 D. Palombo
2014 - 2016 O. Oto

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Karin Pfister (Germany)
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LOCAL COMMITTEE

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Jean Pierre Becqemin (France)
Nabil Chakfe (France)
INVITED SPEAKERS

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Hassan ALTHANI, Qatar
Max AMOR, France
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Franco GREGO, Italy
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Hilary GROCOTT, Canada
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Nenad JAKOVLJEVIC, Serbia
Arkadiusz JAWIEN, Poland
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Dimitrios KONTOTHANASSIS, Italy
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E FERNANDES, Portugal
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Xavier DUVAL, France
Csaba DZSINICH, Hungary
Jose FERNANDES
E FERNANDES, Portugal
Theodor FISCHLEIN, Germany
Thierry FOLLIGUET, France
# Programme at a Glance

## Thursday, April 12, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Room 1: France</th>
<th>Room 3: Strasbourg</th>
</tr>
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<tbody>
<tr>
<td>14:00</td>
<td>Cardiac Abstract Session</td>
<td>Vascular Abstract Session</td>
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<tr>
<td>15:00</td>
<td>Vascular Abstract Session</td>
<td>Cardiac Abstract Session</td>
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<tr>
<td>15:00</td>
<td>Break</td>
<td></td>
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<tr>
<td>17:00</td>
<td>Break</td>
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## Friday, April 13, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Room 1: France</th>
<th>Room 2: Alsace</th>
<th>Room 3: Strasbourg</th>
<th>Room 4: Colmar</th>
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<tbody>
<tr>
<td>08:00</td>
<td>Cardiac Young Surgeon Award Session</td>
<td>Vascular Young Surgeon Award Session</td>
<td>Vascular Abstract Session I: Thoracic Aorta</td>
<td>Cardiac Abstract Session I: Heart Failure &amp; GUCH</td>
</tr>
<tr>
<td>09:00</td>
<td>Welcome Speech</td>
<td>Cardiovascular Interdisciplinary Session</td>
<td></td>
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<tr>
<td>10:00</td>
<td>Break &amp; Exhibits</td>
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<tr>
<td>11:00</td>
<td>Life Time Achievement Award &amp; Leriche Lecture: Future Of Cardiac Surgery</td>
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<tr>
<td>12:00</td>
<td>Break &amp; Exhibits</td>
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<tr>
<td>13:00</td>
<td>LUNCH &amp; EXHIBITS</td>
<td>ATRICURE LUNCHTIME SYMPOSIUM</td>
<td>ESCVS General Assembly</td>
<td>LUNCH &amp; EXHIBITS</td>
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<tr>
<td>14:00</td>
<td>Cardiac Symposium I: Mitral And Tricuspid Valve Surgery</td>
<td>Vascular Symposium I: Thoracic Aorta</td>
<td>Surgery Of The Aortic Valve And Root In The Young</td>
<td>Best Vascular Poster Session</td>
</tr>
<tr>
<td>15:00</td>
<td>Cardiac Symposium II: Aortic Surgery - Arch And Aortic Dissection: Hybrid Technique</td>
<td>Paediatric Vascular Surgery</td>
<td>Cardiac Abstract Session II: Congenital heart disease</td>
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<tr>
<td>16:00</td>
<td>Vascular Symposium II: IUA &amp; ESCVS Joint Session</td>
<td>Vascular Abstract Session II: Carotid Disease</td>
<td>Vascular Abstract Session III: Peripheral Arterial Disease</td>
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<tr>
<td>17:00</td>
<td>Cardiac Symposium III: Infection Of Sternum &amp; Anterior Thoracic Wall</td>
<td>Vascular Symposium III: AAA</td>
<td>Vascular Abstract Session IV: Vein</td>
<td>Cardiac Abstract Session IV: Cardiac Arrhythmias, Minimal Invasive &amp; Infectious Diseases</td>
</tr>
</tbody>
</table>
## Programme at a Glance

### Saturday, April 14, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Room 1: France</th>
<th>Room 2: Alsace</th>
<th>Room 3: Strasbourg</th>
<th>Room 4: Colmar</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00</td>
<td>Cardiac Abstract Session VI: TAVI &amp; Transcatheter Aortic Procedures</td>
<td>Vascular Abstract Session V: Cardiac Insufficiency &amp; Cardiac Assist Devices</td>
<td>Vascular Abstract Session V: Research In The Field Of AAA</td>
<td>Vascular Abstract Session VI: Abdominal Aortic Aneurysm</td>
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<tr>
<td>09:00</td>
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<tr>
<td>10:00</td>
<td>ESCVS: Back To The Roots</td>
<td>EVF &amp; ESCVS Joint Session: Global Treatment Of Venous Diseases: From Superficial To Deep Veins</td>
<td>Vascular Abstract Session V: Infection Related Conditions</td>
<td>Terumo Hands-on Dry Lab session Ozaki AVNeo™ Sizer System</td>
</tr>
<tr>
<td>11:00</td>
<td>Cardiac Symposium IV: Atrial Fibrillation &amp; Indication And Techniques Of LAA Occlusion</td>
<td>Cardiac Abstract Session VI: Acute Aortic Syndrome</td>
<td>Cardiac Symposium V: Cardiac Anaesthesia</td>
<td>Vascular Abstract Session VII: Biomedical Engineering Of Aorta</td>
</tr>
<tr>
<td>12:00</td>
<td>Kieffer Lecture: Open Repair Of Thoracoabdominal Aortic Aneurysms In Endovascular Era</td>
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<tr>
<td>13:00</td>
<td>Edwards Lunchtime Symposium</td>
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<tr>
<td>14:00</td>
<td>Cardiac Symposium VI: Coronary Artery Surgery</td>
<td>Vascular Symposium VII: Carotid</td>
<td>OSVS &amp; ESCVS Joint Session: Middle East Characteristics Cardiovascular Pathologies</td>
<td>Nurses’ Course Cardiac Abstract Session IX: Nursing In Cardiology And Cardiac Surgery</td>
</tr>
<tr>
<td>15:00</td>
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<tr>
<td>16:00</td>
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<tr>
<td>17:00</td>
<td>Cardiac Symposium VIII: Mitral Valve Surgery</td>
<td>Cardiac Symposium IX: Aortic Valve Surgery</td>
<td>Vascular Symposium VII: New Developments In Transcatheter Valves Therapies</td>
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<tr>
<td>18:00</td>
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<td></td>
<td>Best Cardiac Poster Session</td>
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</tbody>
</table>
### CARDIAC ABSTRACT SESSION

**ROOM 1: FRANCE**

**Moderators:** M. Bertram (France); T. Folliguet (France)

<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Presenting Author(s)</th>
<th>Co-authors</th>
<th>Institution(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>94</td>
<td>Surgery for left ventricle endocarditis: surgical mortality and predictors</td>
<td>R. BOUKERROUCHA (author)</td>
<td>N. Massikh, B. Aziza, S. Chérif, R. Lakehal, C. Rakouk, K. Bouguerra, K. Roudoci, A. Brahami</td>
<td>EHS Draa benkheda, Algeria</td>
</tr>
<tr>
<td>89</td>
<td>Feasibility and Early Outcome of Semi-skeletonized Internal Mammary Artery harvesting: A control Study versus the pedicle one</td>
<td>M. YASSIN (author)</td>
<td>F. M. Oueida, H. Al-Taher, S. K. Al-Nosairy, M. AlRefaei, K. A. Eskander</td>
<td>Department of cardiac surgery, Saud Al-Babtain Cardiac Center (SBCC), KSA, Saudi Arabia</td>
</tr>
<tr>
<td>198</td>
<td>Surgical degenerative cardiovascular disease and gingivitis. Sex role</td>
<td>A. HURLE GONZALEZ</td>
<td>P. Hernandez-Frances, C. Vaquero-Puerta</td>
<td>Cardiothoracic surgeon at Hospital General Universitario de Alicante, Spain.</td>
</tr>
<tr>
<td>355</td>
<td>Surgical treatment of a persistant left superior vena cava draining into the left atrium with a left-to-right shunt. Case report.</td>
<td>N. NARDONE (author)</td>
<td>F. Bouchart, F. Doguet</td>
<td>Department of Thoracic and Cardiovascular Surgery, Rouen University Hospital, France</td>
</tr>
<tr>
<td>96</td>
<td>Supra-valvular aortic stenosis associated to aortic valve stenosis in very old and high risk patient needs for surgical strategy even in transcatheter era.</td>
<td>M-E OLIVIER (author)</td>
<td>A. Di Cesare, S. Tassin, F. Torossian, D. Metz, V.G. Ruggieri</td>
<td>Division of Cardiovascular and Thoracic Surgery, Robert Debré University Hospital, France</td>
</tr>
<tr>
<td>10</td>
<td>Follow the Heart…and follow the Head: The Multidisciplinary Management of A Case of Infective Endocarditis complicated by Haemorrhagic Stroke</td>
<td>K. CHUI (author)</td>
<td>A. Adlan</td>
<td>New Cross Hospital, United Kingdom</td>
</tr>
<tr>
<td>#</td>
<td>Title</td>
<td>Presenters</td>
<td>Authors/Co-authors</td>
<td></td>
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<tr>
<td>231</td>
<td>Pattern of Hyperbilirubinemia and Its Outcomes on Cardiopulmonary</td>
<td>Presented by: D. SRIVASTAVA (author)</td>
<td>D. SRIVASTAVA, B. Tiwari, A. Rai, S. Gautam, S.S Rajput</td>
<td></td>
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<tr>
<td></td>
<td>bypass: Our experience</td>
<td></td>
<td><strong>Dr RML Institute of Medical Sciences, India</strong></td>
<td></td>
</tr>
<tr>
<td>256</td>
<td>Excellent short and mid term outcomes of infants undergoing End</td>
<td>Presented by: N.S VASIREDDY (author)</td>
<td>N.S VASIREDDY, T. Dash, N.R Goli, N.R Koneti, R. Gutti</td>
<td></td>
</tr>
<tr>
<td></td>
<td>to Side anastomosis for Coarctation of Aorta</td>
<td></td>
<td><strong>Department of Cardiothoracic and Vascular surgery, Care hospitals, India</strong></td>
<td></td>
</tr>
<tr>
<td>192</td>
<td>Endocarditis surgical treatment in a tertiary referral hospital:</td>
<td>Presented by: M.A PANO</td>
<td>M.A PANO, S. Nicolardi, L. Amorese, F. Mangia, A. Gallo, P. Fellini, D. Rocco,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>short and long term outcomes</td>
<td>Author: G. Scrascia</td>
<td>M. Cazzato, A. Scotto di Quacquaro, S. Zaccaria, G. Casali</td>
<td></td>
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<tr>
<td>299</td>
<td>Patient prosthesis mismatch following mitral valve replacement:</td>
<td>Presented by: E. CUKO</td>
<td>E. CUKO, P. Totaro, A. Celentano, N. Castiglione, S. Pelenghi</td>
<td></td>
</tr>
<tr>
<td></td>
<td>how really significant is the size of prosthesis?</td>
<td></td>
<td><strong>Cardiac Surgery, San Matteo Hospital, Italy</strong></td>
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</tr>
<tr>
<td>30</td>
<td>Midterm outcomes of infective endocarditis</td>
<td>Presented by: W.Y LEE (author)</td>
<td>W.Y LEE, B.S Park</td>
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<td><strong>Hallym university sacred heart hospital, South Korea</strong></td>
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</tr>
<tr>
<td>204</td>
<td>Mitral Valve Repair, Single Surgeon's Experience At Teaching Hospital</td>
<td>Presented by: M. LANSAKARA (author)</td>
<td>M. LANSAKARA, S. Aluvihare, S. D. Wijesinghe</td>
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</tr>
<tr>
<td></td>
<td>Kandy, Sri Lanka</td>
<td></td>
<td><strong>MRCS (UK), Sri Lanka</strong></td>
<td></td>
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<tr>
<td></td>
<td></td>
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<td><strong>MD (Colombo), Sri Lanka</strong></td>
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<td><strong>MBBS (Galle), Sri Lanka</strong></td>
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<tr>
<td>379</td>
<td>Incidence Of Permanent Pacemaker Implantation After Conventional Aortic</td>
<td>Presented by: M. KALEJS (author)</td>
<td>M. KALEJS, E. Prozorovskis, K. Kupics, P. Stradins</td>
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<td>Valve Replacement And TAVI: A Single Centre Experience</td>
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<td><strong>Latvian Centre of Cardiology, Pauls Stradins Clinical University hospital, Latvia</strong></td>
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<td><strong>Department of Surgery, Riga Stradins University, Latvia</strong></td>
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<td>377</td>
<td>Epicardial bipolar radiofrequency ablation of pulmonary vein as a</td>
<td>Presented by: E. MALYSHENKO</td>
<td>E. MALYSHENKO, M. Anishchenko</td>
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<td>preventive strategy for reducing the incidence of postoperative</td>
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<td>M. Anishchenko, V. Popov</td>
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<td>atrial fibrillation in coronary artery disease patients.</td>
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<td><strong>National Institute of Cardiovascular Surgery Name of M. M. Amosov, Ukraine</strong></td>
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<td><strong>National Medical Research Center «A. V. Vishnevsky Institute of Surgery», Russia</strong></td>
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<td>133</td>
<td>Factors, affecting the development of tricuspid valve insufficiency</td>
<td>Presented by: V. MATAEV</td>
<td>V. MATAEV, B. Sabirov, V. Podzolkov, M. Chiareli, V. Samsonov, M. Saidov, A.</td>
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<td>after complete congenital heart defects repair</td>
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<td><strong>A.N. Bakoulev Scientific Center for Cardiovascular Surgery, Russia</strong></td>
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187: Using two internal thoracic artery in Off-pump coronary bypass surgery
Presented by: P. SHILENKO
Author: M.D Tsoy
Co-authors: Y. Schneider A. Kotsienko, A. Pavlov
FGBU FCVMT, Russia

108: Results of intraoperative flowmetry of mammarocoronary shunts in patients with ischemic cardiomyopathy
Presented by: V. SHIPULIN (author)
Co-authors: S. Andreev, V. Zatolokin, S. Gutor, V. V. Shipulin, K. Zavadovskiy, B. Kozlov, A. Nenakhova
Cardiology Research Institute, Russia

317: Is Left Ventricular Assist Device an alternative therapeutic option to Heart Transplantation for Advanced Heart Failure Patients? Results and Outcomes: Saudi Experience
Presented by: K. ALKHAMEES (author)
Co-authors: M. Ibrahim, H. Abdallah, S. Hendawi, H. Ashour, H. Mostafa, S. Halawah
Prince Sultan Cardiac Center-Al Hassa, Saudi Arabi

69: Minimally Invasive Cardiac Surgery versus Conventional Median Sternotomy for Atrial Septal Defect Closure: Comparison of Operative Datas
Presented by: Y. BEŞİR (author)1
Co-authors: O. Gökalp1, E. Karaagaç2, B. Eygi1, H. Iner2, N. Yesilkaya2, I. Peker2, L. Yilik1, A. Gürbüz1
1Izmir Katip Celebi University Faculty of Medicine Department of Cardiovascular Surgery
2 Izmir Katip Celebi University Ataturk Training and Research Hospital Department of Cardiovascular Surgery

84: Comparison of pre operative variables of patients under going redo cardiac surgery with or without femoral cannulation before sternotomy
Presented by: O. GOKALP2
Author: I. Peker 1
Co-authors: Y. Besir2, L. Yilik2, H. Iner3, N. Yesilkaya4, S. Iscan 5, A. Gürbüz 1
1Mardin State Hospital, Department of Cardiovascular Surgery, Turkey
2Izmir Katip Celebi University Faculty of Medicine Department of Cardiovascular Surgery, Turkey
3Adiyaman Education and Research Hospital Department of Cardiovascular Surgery, Turkey
4Ankara University Faculty of Medicine Department of Cardiovascular Surgery, Turkey
5Izmir Katip Celebi University Ataturk Education and Research Hospital Department of Cardiovascular Surgery, Turkey

206: Narrow ostium of aorta is posterior aortoplasty necessary during aortic valve replacement?
Presented by: K. VAKULENKO (author)
Co-author: V. Popov
National Amosov’s Institute of Cardiovascular Surgery, Ukraine

325: Reconstruction Of Left Part Of The Heart For Mitral Valve Diseases
Presented by: V. POPOV (author)
Co-authors: K. Pukas, V. Lazorishinetz
National Amosov Institute of Cardiovascular Surgery, Ukraine

205: The remote results after isolated aortic valve replacement
Presented by: K. VAKULENKO (author)
National Amosov’s Institute of Cardiovascular Surgery, Ukraine
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<td>304</td>
<td>Totally implantable venous access port catheters for cancer patients</td>
<td>B.C DEPBOYLU</td>
<td>E. Depboylu, S. Yazman, B. Harmandar</td>
<td>1. Mugla Sitki Kocman University Training and Research Hospital, 2. Faculty of Medicine, 3. Cardiac Surgery Clinic, Turkey</td>
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<td>99</td>
<td>Endovascular treatment of the arteriovenous fistula between major abdominal arteries and veins after lumbar disc surgery</td>
<td>O. GOKALP</td>
<td>C. Guven, M. Ercisli, H. Iner, A. Pala, Y. Besir, N. Yesilkaya Karakas, I. Peker, A. Gürbüz</td>
<td>1. Adiyaman University, 2. Adiyaman Education and Research Hospital, 3. Izmir Katip Celebi University, 4. Ankara University, 5. Mardin State Hospital, Turkey</td>
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<td>193</td>
<td>The preferential iliac inflow source for redo femoropopliteal and infrapopliteal bypass.</td>
<td>R. GABRIELLI</td>
<td>F. Ciocca, A. Dante, A. Musilli, M. Maiorano, M. Ventura</td>
<td>San Salvatore Hospital, Italy</td>
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<td>245</td>
<td>Complex endovascular treatment of ruptured thoracic aneurysm in 92 yo male; technical success with clinical failure</td>
<td>P. LEPILIN</td>
<td>R. Akchurin, T. Imaev, A. Komlev, A. Kolegaev, I. Medvedeva, I. Kuchin, D. Salichkin</td>
<td>Russian National Medical Research Center of Cardiology, Russia</td>
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<td>100</td>
<td>Our endovascular treatment approach to superficial femoral artery damage caused by gunshot injury</td>
<td>O. GOKALP</td>
<td>M. A Ercisli, H. Iner, A. Aybars Pala, A. Surucu, L. Yilik, Y. Besir, K. Ergunes, I. Peker, A. Gürbüz</td>
<td>1. Adiyaman University, 2. Adiyaman Education and Research Hospital, 3. Izmir Katip Celebi University, 4. Izmir Katip Celebi University Ataturk Education and Research Hospital, 5. Mardin State Hospital, Turkey</td>
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<td>Total arch repair after Zone1 TEVAR using the left subclavian artery perfusion</td>
<td>T. SUEDA</td>
<td>S. Takahashi, K. Katayama</td>
<td>Hiroshima University, Japan</td>
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<td>Department of Cardiovascular Surgery, KatipCelebi University Ataturk Education and Training Hospital, Turkey</td>
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<td>3+2</td>
<td><strong>38:</strong> Persistent type 2 endoleak after endovascular aneurysm repair (EVAR) in a patient with acute pulmonary embolism due to intracaval ruptured abdominal aortic aneurysm (rAAA).</td>
<td>M.D PIPITONE</td>
<td>M. D’Oria, B. Ziani, F. Griselli, C. Calvagna, A. Rotelli, F. Riccitelli, P. Cigoi, S. Chiarandini, R. Adovasio, F. Zamolo</td>
<td>Vascular and Endovascular Surgery – Cardiovascular Department – University Hospital of Cattinara ASUTItS, Italy</td>
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<td>3+2</td>
<td><strong>54:</strong> Surgical Treatment Strategy for Type II Aortic Dissection after Coronary Artery Bypass Graft Surgery: A Case Report</td>
<td>A. GÜRBÜZ</td>
<td>H. Cakir</td>
<td>L. Yilik, B. Eygi, I. Yurekli, K. Ergunes, Y. Besir</td>
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<td>3+2</td>
<td><strong>191:</strong> Double-Stage Hybrid Repair of a complex Abdominal Aortic Aneurysm</td>
<td>A. PELOUZE</td>
<td>G.A. Pelouze</td>
<td>Geneva University Hospital, Switzerland</td>
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<td>Saint John Hospital, France</td>
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<td>3+2</td>
<td><strong>67:</strong> Endovascular Approach (with Cardiatis® stent) to Thoraco-Abdominal Aortic Aneurysm in a Patient with Renal Transplantation and Essential Thrombocytosis: Case Report</td>
<td>A. GÜRBÜZ</td>
<td>H. Cakir</td>
<td>L. Yilik, K. Dönmez, I. Yurekli, B. Eygi, K. Ergunes, Y. Besir</td>
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<td><strong>366:</strong> Aortic arch aneurysm surgery avoiding circulatory arrest</td>
<td>V. PAPESTIEV</td>
<td>M. Cirkovic, N. Lazovski, M. Shokarovski, D. Babic, N. Mehmedovic, S. Dameska, S. Jovev</td>
<td>University Clinic for State Cardiac Surgery, Medical Faculty, Macedonia</td>
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<td>3+2</td>
<td><strong>251:</strong> Role of ascending aortic wrapping in thoracic endovascular for type B dissection - a single case report</td>
<td>N.S VASIREDDY</td>
<td>N.R. Goli</td>
<td>Department of Cardiothoracic and Vascular Surgery, care hospitals, India</td>
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<td>3+2</td>
<td><strong>258:</strong> Intramural hematoma in the thoracic aorta - diagnosis and treatment.</td>
<td>M. SZOSTECK</td>
<td>W. Jakuczun, G. Szostek, S. Toutouchil, E. Krajewska, R. Pogorzelski, M. Szostek, T. Ostrowski</td>
<td>Dept. of General Surgery, Poland</td>
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<td>264</td>
<td>Role of ascending aortic wrapping in thoracic endovascular repair for type B aortic dissection- A single case report</td>
<td>N.S VASIREDDY (author)^1, R. Gutti^1, P.C. Gupta^2, N.R. Goli^3</td>
<td>Department of Cardiothoracic and Vascular Surgery, care hospitals, India; Department of Vascular Surgery, care hospitals, India; Department of Cardiothoracic and Vascular Surgery, care hospitals, India</td>
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<td>268</td>
<td>Unexpected Rupture of Popliteal Artery and Vein due to Blunt Trauma</td>
<td>B.C DEPBOYLU (author)^1, S. Yazman^2, B. Harmandar^1, D. Chernova, N. Zherdev, A. Chernov, B. Komakha, A. Gusev</td>
<td>Mugla Sıtkı Kocman University, Faculty of Medicine, Department of Cardiovascular Surgery, Turkey; Mugla Sıtkı Kocman University, Training and Research Hospital, Cardiovascular Surgery Clinic, Turkey</td>
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<td>283</td>
<td>Successful hybrid repair of type B aortic arch dissecting aneurysm: case report</td>
<td>M. CHERNYAVSKIY (author), D. Chernova, N. Zherdev, A. Chernov, B. Komakha, A. Gusev</td>
<td>Scientific Department of Vascular and Interventional Surgery, Almazov National Medical Research Centre, Russia</td>
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<td>286</td>
<td>Early experience with the Nellix endovascular aneurysm sealing device: a preliminary comparative study</td>
<td>P. NANA (author)^1, G. Kouvelos^1, K. Spanos^1, A. Giannoukas^1, M. Matsagkas^1, D. Chernova, N. Zherdev, A. Chernov, B. Komakha, A. Gusev</td>
<td>Department of Vascular Surgery, Faculty of Medicine, School of Health Sciences, University of Thessaly, Greece; Department of Surgery-Vascular Surgery Unit, Faculty of Medicine, School of Health Sciences, University of Ioannina, Greece</td>
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<td>260</td>
<td>Penetrating aortic ulceration in chest</td>
<td>M.M. SZOSTEK (author)^1, W. Jakuczun, G. Szostek^2, S. Toutounchi^2, E. Krajewska^1, R. Pogorzelski^1, M. Szostek^1</td>
<td>Dept. of General Surgery, Medical University of Warsaw, Poland; Dept. of General, Vascular Surgery and Transplantation, Medical University of Warsaw, Poland</td>
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<td>307</td>
<td>Pressure monitoring assisted surgical banding for hemodialysis access-induced distal ischemia</td>
<td>O. GUCLU (author)</td>
<td>Department of Cardiovascular Surgery, Trakya University School of Medicine, Turkey</td>
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<td>334</td>
<td>Effects of botulinum toxin A and papaverine in preventing spasm of human saphenous vein and internal mammary artery grafts: an in vitro study</td>
<td>O. TANYELI^2, I. Duman^1, Y. Dereli^2, P. Oltulu^3, H. Toy^3, A.S Sahin^1</td>
<td>Department of Medical Pharmacology, Necmettin Erbakan University, Meram Faculty of Medicine, Turkey; Department of Cardiovascular Surgery, Meram Faculty of Medicine, Turkey; Department of Pathology, Meram Faculty of Medicine, Turkey</td>
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| 3+2 | **370:** Endovascular Surgery for Treatment of Paraneoplastic Obstruction of the Descending Thoracic Aorta  
Presented by: E. DI TOMMASO (author)  
Co-authors: L. Di Tommaso, G. Comentale, F. Sciagliano, G. Iannelli  
*Department of Cardiac Surgery, Medical School, University of Naples «Federico II», Italy* |
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**16:00 – 16:30 COFFEE BREAK**

| 3+2 | **16:30 17:00**  
**VASCULAR ABSTRACT SESSION**  
**ROOM 3: STRASBOURG**  
Moderators: M. Dragas (Serbia); N. Jakovljevic (Serbia) |
| --- | --- |
| 3+2 | **125:** Endovascular Treatment of Type 1A Endoleak, with Multilayer Flow Modulator (MFM)  
Presented by: Y. BESIR  
Author: E. Karaagac  
Co-authors: Y. Gokkurt, I. Peker, I. Yurekli, H. Cakir, A. Gürbüz  
1*Izmir Katip Celebi University Ataturk Training and Research Hospital Department of Cardiovascular Surgery, Turkey*  
2*Mardin State Hospital, Turkey* |
| 3+2 | **250:** Continuous Renal Replacement Therapy before Thoracic Endovascular Aortic Aneurysm Repair in a polytrauma patient with Stanford B dissection  
Presented by: P. UGUROV (author)  
*Intensive Care Unit, Zan Mitrev Clinic, Skopje, the Republic of Macedonia* |
| 3+2 | **276:** Endovascular repair of giant descending aorta aneurysm: a case report  
Presented by: M. CHERNYAVSKIY (author)  
Co-authors: A. Chernov, D. Chernova, B. Komakha, N. Zherdev  
*Almazov National Medical Research Centre, Russia* |
| 3+2 | **249:** Reconstruction of right tibial anterior artery after external skeletal fixation for tibial bone fracture - case report  
Presented by: R. AŠČERIĆ (author)  
Co-authors: S. Sekulić, Z. Stefanović, M. Popović, J. Adam, N. Ilievski  
1*Department of Vascular Surgery, Clinic of Surgery, Clinical Hospital Centre Zvezdara, Serbia*  
2*Vascular Surgery Clinic, Dedinje Cardiovascular Institute, Serbia*  
3*Medical Faculty, University of Belgrade, Serbia* |
| 3+2 | **103:** Endovascular Approach to Ruptured Thoracic Aortic Aneurysm  
Presented by: Y. BESIR  
Author: E. Karaagac  
Co-authors: Y. Gokkurt, H. Durmaz, N.U Tunca, G. Erbil, I. Yurekli, A. Gürbüz  
*Izmir Katip Çelebi University Atatürk Training and Research Hospital*  
*Department of Cardiovascular Surgery, Turkey* |
| 3+2 | **289:** Hybrid approach in an aortic arch aneurysm and ischemic cardiomyopathy  
Presented by: C. AMORÓS-RIVERA  
Author: A. Árévalo-Abascal  
Co-authors: J.M González-Santos, R. Salvador-Calvo, J.A Carnicero-Martínez,  
F.S Lozano-Martínez, Javier López-Rodríguez, E. Arnáiz-Garcia, A. Barral-Vrela,  
J.M Redondo-Enríquez, A. Ríos-Llorente, M. López-Tatis  
*University Hospital of Salamanca, Spain* |
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<td>17:00 - 18:00</td>
<td>CARDIAC ABSTRACT SESSION</td>
<td>ROOM 3: STRASBOURG</td>
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**Moderators:** M. Bertram (France); T. Folliguet (France)

**405:** Aortic arch repair with Thoraflex® hybrid system: a monocenter experience

- Presented by: M. BERTRAM (author)
- Co-authors: T. Folliguet, M. Elfarra, F. Vanhuyse, P. Maureira
- *Department of cardiac Surgery, CHRU Nancy, France*

**3+2**

**80:** Valve Sparing operation

- Presented by: L. SALAYMEH (author)¹
- Co-authors: K. Binder¹, A. Vötsch ², I. Ovcina³, C. Holzinger¹
- University Hospital St. Pölten, Austria
- ¹University Hospital St. Pölten, Austria ²University Hospital Salzburg, Austria ³University Hospital Graz, Austria

**219:** Triangular plasty of left atrium for atriomegaly during mitral valve replacement

- Presented by: K. PUKAS (author)
- Co-authors: V. Popov, V. Lazorishinetz
- National Institute of cardio-vascular diseases named after Amosov, Ukraine

**3+2**

**233:** Early Extubation after Heart Surgery in New Tertiary Centre: Our Experience

- Presented by: A. RAI
- Author: D. Srivastava
- Co-author: S. S Raiput
- Dr RML Institute of Medical Sciences, India

**3+2**

**203:** Correction of narrow ostium of aorta during aortic valve replacement: choice of surgical method

- Presented by: K. VAKULENKO (author)
- Co-author: V. Popov
- National Amosov’s Institute of Cardiovascular Surgery, Ukraine

**3+2**

**14:** Analysis of the probability of hospital lethality in cardiosurgical patients

- Presented by: I. SAGATOV (author)
- National Scientific Center of Surgery named after A.N. Syzganov, Kazakhstan

**3+2**

**202:** Treatment of posstenotic Aneurysmus of ascending aorta: choice of correction’s method

- Presented by: K. VAKULENKO (author)
- Co-author: V. Popov
- National Amosov’s Institute of Cardiovascular Surgery, Ukraine

**3+2**

**323:** Risk-Factors For Replacement And Plastic Procedure In Combined Mitral-Aortic Valve Disease

- Presented by: V. POPOV (author)
- Co-authors: K. Pukas, V. Beshlyaga, O. Rybacova, V. Lazorishinetz
- Amosov’s National Institute of Cardiovascular Surgery, Ukraine

**3+2**

**232:** Application of a xenopericardial trileaflet valved conduits in patients with cyanotic congenital heart defects

- Presented by: V. MATAEV
- Author: T. Danilov
- Co-authors: V. Podzolkov, D. Kovalev, O. Rybacova, V. Lazorishinetz
- Bakulev Center for Cardiovascular Surgery, Russia
141: Use of in-situ bilateral internal mammary artery grafting for elective coronary artery bypass grafting
Presented by: P. SHANTANU (author)
Co-authors: S. Agarwal, N. Srivastav, N. Srivastava
Sanjay Gandhi PGIMS, India

270: Comparison of early morbidity and mortality of primary and iterative valve surgery
Presented by: C.A RIVERA
Author: J.M González Santos
Co-authors: V. Ramos García, F.J López Rodríguez, M.E Arnáiz García
1Department of Surgery, University of Salamanca, Spain
2Department of Cardiovascular Surgery, University Hospital of Salamanca, Spain

288: Impact of extracorporeal life support on blood clot viscoelastic properties and platelet aggregation
Presented by: L. SVETINA (author)
Co-authors: M. Petricevic, M. Zrno, I. Safradin, M. Urlic, S. Konosic, B. Biocina
1Department of Cardiac Surgery, University Hospital Center Zagreb, Croatia
2Department of Anesthesiology, Reanimatology and Intensive Care, University Hospital Centre Zagreb, Croatia
97: Efficacy and Safety of Levosimendan versus Dobutamine in patients undergoing Cardiac Surgery: A Systematic Review and Meta-Analysis

Presented by: D. BRASCIA

Author: S. Salahia


1 Faculty of Medicine, Ain Shams University, Egypt
2 Heart Center, Turku University Hospital and Department of Surgery, University of Turku, Finland
3 Faculty of Medicine, Zagazig University, Egypt
4 Faculty of Medicine, Mansoura University, Egypt
5 Kasr Al Ainy School of Medicine, Cairo University, Egypt
6 Damietta faculty of medicine Al-azhar university, Egypt
7 Faculty of Medicine, Syrian Private University, Syria
8 Cardiovascular Institute, Ain Shams University school of Medicine, Egypt

351: Systematic review and meta-analysis of surgical outcomes in Marfan patients undergoing aortic root surgery by composite-valve graft or valve sparing root replacement

Presented by: C. FLYNN

Co-authors: D. Tian, A. Wilson Smith, T. D Yan
Royal North Shore Hospital, Australia

143: Surgical Technique, Atrial Arrhythmia, Thromboprophylaxis and Risks of Thromboembolic Events After Fontan Repair: A Multicenter Study

Presented by: C. DESHAIES

Co-authors: A. Shodouni, N. Poirier, R. Hamilton, P. Khairy

1 Montreal Heart Institute, Université de Montréal, Canada
2 The Hospital for Sick Children, University of Toronto, Canada

37: TAVI without CT is feasible and safe, a large single center experience

Presented by: O. CUEVAS

Co-authors: S. Kuwata, M. Taramasso, A. de Negri, P. Haager, H. Rickli, M. Zuber, F. Nielispach, F. Maisano

1 Department of Cardiovascular Surgery, University Hospital Zürich, Switzerland
2 Department of Cardiology, University Hospital Zürich, Switzerland
3 Department of Cardiology, Cantonal Hospital of Saint Gallen, Switzerland

359: Is concomitant intra-aortic balloon pumping to extracorporeal membrane oxygenation leading to improved end-organ perfusion and hemodynamic condition?

Presented by: I. DJORDJEVIC


1 Department of cardiothoracic surgery, University Hospital Cologne, Germany
2 Experimental Medicine, University Hospital Cologne, Germany
3 Department of cardiothoracic surgery, University Hospital Magdeburg, Germany
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<td>213</td>
<td>Predictive value of left and right atrial contractile properties on the occurrence of postoperative atrial fibrillation</td>
<td>E-A MAZALU</td>
<td>C. Bening, J. Yaqib, D. Radakovic, K. Alhussini, C. Schimmer, K. Hamouda, I. Schade, H. Grzegorz, R. Leyh.</td>
<td>Department of Thoracic and Cardiovascular Surgery, University of Wuerzburg, Germany</td>
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<td>Infectology Department, Ramon y Cajal Hospital, Spain</td>
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<td>Cardiology Department, Ramon y Cajal Hospital, Spain</td>
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<td>81</td>
<td>Heart transplantation with allograft preserved ex-vivo by TransMedics Organ Care System during 16 hours</td>
<td>A. MEDRESSOVA</td>
<td>Y. Pya</td>
<td>National research cardiac surgery center, Kazakhstan</td>
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**Vascular Young Surgeon Award Session**

Chairman: L. Davidovic (Serbia)
Jury: D. Palombo (Italy); V. Treska (Czech Republic); F. Grego (Italy)

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<tr>
<th>Session</th>
<th>Title</th>
<th>Presented by</th>
<th>Co-authors</th>
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<tr>
<td>273</td>
<td>Features of the metabolic status and atherosclerotic lesion of carotid arteries in patients with hyperperfusion syndrome after carotid endarterectomy</td>
<td>A. ARTEMEROVA</td>
<td>N. Lukianchikov, M. Ivanov, A. Uryupina, A. Gorovaya</td>
<td>Department of General Surgery of North-Western State Medical University named after I.I. Mechnikov, Russia</td>
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<tr>
<td>260</td>
<td>Toward the use of patient-specific structural simulations of endovascular repair in the clinical practice</td>
<td>A. FINOTELLO</td>
<td>M. Conti, G. Spinella, B. Pane, V. Gazzola, F. Auricchio, D. Palombo</td>
<td>Department of Experimental Medicine, University of Genova, Italy</td>
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<td>Department of Civil Engineering and Architecture, University of Pavia, Italy</td>
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<td>Vascular and Endovascular Unit, IRCCS San Martino IST, University of Genova, Italy</td>
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<td></td>
<td>Department of Cardiovascular Surgery, Les Hôpitaux Universitaires de Strasbourg, and University of Strasbourg, France</td>
</tr>
</tbody>
</table>
| 7+3 | **346: Metabolic Profiling of Carotid Atherosclerosis**  
Presented by: M. I. QURESHI (author)  
Co-authors: P. Vorkas, M. Kaluarachchi, E. Holmes, A.H. Davies  
1 Section of Vascular Surgery, Department of Surgery & Cancer, Imperial College London, UK  
2 Computational & Systems Medicine, Department of Surgery & Cancer, Imperial College London, UK |
| 7+3 | **278: Decellularized aortic allografts: laboratory and preclinical results**  
Presented by: M. SHCHATSINKA (author)  
Co-authors: S. Spirydonau, V. Adzintsou, V. Yudzina, S. Dryk, V. Syahovich, Y. Ostrovsky  
1 2nd Cardiac Surgery Department, Republican Scientific and Practical Center “Cardiology, Belarus  
2 1st General Pathology Department, City Clinical Pathologoanatomic Bureau, Belarus  
3 Laboratory of Bone Marrow Separation and Cryopreservation, 9th City Clinical Hospital, Belarus  
4 Doping Control Research and Development Department, National Ant-Doping Laboratory, Belarus |
| 7+3 | **159: Renal function after open, endovascular and hybrid repair techniques for pararenal abdominal aortic aneurysm**  
Presented by: M. VAN HEMELRIJCK (author)  
1 Department of Cardiovascular Surgery, University Hospital Zurich, Switzerland  
2 Department of Cardiovascular Surgery, University Hospital Bern, Switzerland  
3 Department of Interventional Radiology, University Hospital Zurich, Switzerland  
4 Division of Vascular Surgery, New York University Langone Medical Center, USA  
5 Division of Vascular Surgery, The Cleveland Clinic, USA |
| 7+3 | **293: Standardization of the technique as key to maintain early outcomes of a specific technique with routine delayed shunting in carotid endarterectomy for asymptomatic patients.**  
Presented by: M. ZAVATTA (author)  
Co-authors: M. Piazza, F. Squizzato, J. Tagliavaloror, M. Antonello, F. Grego  
Clinic of Vascular and Endovascular Surgery, Padova University School of Medicine, Italy |
| 7+3 | **272: Results of hybrid repair of multilevel lesions of the brachiocephalic arteries**  
Presented by: N. ZHERDEV  
Author: M. Chernyavskiy  
Co-authors: D. Chernova, A. Chernov  
Scientific Department of Vascular and Interventional Surgery, Federal Almazov National Medical Research Centre, Russia |
### Vascular Abstract Session I: Thoracic Aorta

**Room 3: Strasbourg**

**08:00 - 09:30**

**Moderator:** A. Kahlberg (Italy); F. Gallardo (Spain)

**Keynote Lecture:** TAAA repair in Marfan patients - A. Kahlberg (Italy)

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<tr>
<th>Session</th>
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<th>Presenters</th>
<th>Authors</th>
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</table>
| 7+2 | 43: Comprehensive spinal cord protection in aortic arch surgery using the frozen elephant trunk technique | D. PANFILOV | Author: B. Kozlov  
Co-authors: I. Ponomarenko, A. Miroshnichenko, A. Nenakhova, A. Maksimov, V. Shipulin  
Cardiovascular Surgery Department, Cardiology Research Institute, Tomsk National Research Medical Center, Russia |
| 7+2 | 104: Results of in situ cryopreserved arterial allografts in thoracic and thoraco-abdominal aortic mycotic aneurysms. | T. COUTURE (author) | Co-authors: J. Gaudric, J-M Davaine, M. Kashi, J. Lawton, L. Chiche, F. Koskas  
Vascular surgery department, University Hospital of La Pitié-Salpêtrière (Sorbonne Université), France |
Chiba Emergency Medical Center, Japan |
| 5+2 | 382: Distal aortic remodelling and lumen volume changes after PETTICOAT procedures for acute and chronic complicated aortic type B dissection | F. GALLARDO (author) | Co-authors: R-R. Carvajal¹, J. Fernandez Noya², R. Lainez Rube¹, T. Hernandez Carbonell¹, J. Villaverde²  
¹Department of Angiology and Vascular Surgery, IVEI. Hospital Quirosnsalud, Spain  
²Department of Internal Medicine, Hospital Clínico Universitario de Santiago de Compostela, Spain |
| 5+2 | 333: Endovascular Surgery for Acute and Chronic Type B Aortic Dissection | E. DI TOMMASO | Author: L. Di Tommaso  
Co-authors: E. Di Tommaso, A. Mariniello, R. Giordano, A. Tozzi  
Cardiac Surgery Department, School of Medicine, University of Naples «Federico II», Italy |
| 5+2 | 180: First French experience with the Custom made BOLTON Relay PlusR fenestrated device in aortic arch pathology. | M. HARMOUCHE (author)¹ | Co-authors: J. Tomasi², A. Nauta¹, Q. Langouet¹, F. Loreille¹, A. Defontaine¹, E. Marchand¹, J-P Verhoye², R. Martinez³, M. Aupart¹  
¹Department of thoracic and cardiovascular surgery, Trousseau Hospital, France  
²Department of thoracic and cardiovascular surgery, Pontchaillou Hospital, France |
CARCIC ABSTRACT SESSION I: HEART FAILURE & GUCH  ROOM 4: COLMAR

Moderators: J. Kluin (The Netherlands); V. Ruggieri (France)

3+2

383: The age of 60 as a cut-off point for heart transplantation
Presented by: V. PODPALOV (author)
Co-authors: V. Krachak, S. Spirydonau, L. Shestakova, Y. Ostrovsky
Republican Scientific and Practical Centre of Cardiology, The Republic of Belarus

242: Extended Echocardiographic Analysis of RV Function in Heart Transplant Recipients with Rejection Episodes
Presented by: B. SCHULZE (author)
Co-authors: B. Fujita, K.T Puhlmann, U. Schulz, J. Gummert, L. Paluszkiwicz
Clinic for Thoracic and Cardiovascular Surgery, Heart and Diabetes Center NRW, Ruhr -University Bochum, Germany

295: Coronary Endarterectomy in Patients with End-Stage Coronary Artery Disease: A fifteen-year Single Surgeon Experience of 356 Consecutive Patients
Presented by: S-E SHEHADA* (author)¹
Co-authors: F. Mourad*, T. Schlosser², A-J Bassel¹, I. Balaj¹, D. Wendt¹, K. Tsagakis¹, M. El Gabry¹, M. Thielmann¹, H. Jakob¹
*Sharaf-Eldin Shehada and Fanar Mourad contributed equally and share first authorship
¹Department of Thoracic and Cardiovascular Surgery, West-German Heart and Vascular Center Essen, University of Duisburg-Essen, Germany
²Institute of Diagnostic and Interventional Radiology and Neurology, University of Duisburg-Essen, Germany

335: Long-term clinical outcomes after isolated tricuspid valve surgery
Presented by: J. LÓPEZ-MENÉNDEZ (author)
Co-authors: A. Redondo, L. Varela, J. Miguelena, Mi. Martín, E. Fajardo, R. Muñoz, J. Rodríguez-Roda
Cardiac Surgery Department, Hospital Universitario Ramón y Cajal, Spain

124: Transatrial and transmitral approach for relief of subaortic obstruction and mitral valvuloplasty for hypertrophic obstructive cardiomyopathy with severe MR
Presented by: F. NOMURA (author)
Co-authors: M. Suzuki, K. Morimoto, S. Ohori, Y. Ohkawa, T. Ohno
Cardiovascular Surgery, Hokkaido Ohno Memorial Hospital, Japan

162: Right ventricular dysfunction – Echocardiographic assessment and prognostic implications in cardiac surgery
Presented by: FV CORCIOVA (author)¹
Co-authors: G. Tinica ¹,², C. Corciova ²
¹Department of Cardiac Surgery, Institute of Cardiovascular Diseases, Romania
²“Grigore T. Popa” University of Medicine and Pharmacy, Romania

372: Mitral Valve Repair in Barlow’s Disease: the restoration technique
Presented by: Z. JONJEV (author)
Co-authors: M. Todić, S. Mrvić, B. Okiljević, N. Petrović, M. Šuntić
Institute for CVD of Vojvodina, Serbia
3+2

210: Follow-up results of Fontan procedure in adult patients with functionally single ventricle.
Presented by: V. Mataev
Author: D. Kovalev
Co-authors: V. Podzolkov, I. Yurlov, V. Samsonov, T. Astrakhantseva, A. Minaev, N. Chikin, A. Chislova, V. Dontsova, O. Medvedeva
1Department for surgery in older children with congenital heart disease, A.N. Bakulev Scientific Center for Cardiovascular Surgery, Russian Federation
2Department of anaesthesiology, A.N. Bakulev Scientific Center for Cardiovascular Surgery, Russian Federation
3Department of Cardiovascular X-Ray Diagnostic and Treatment Methods, A.N. Bakulev Scientific Center for Cardiovascular Surgery, Russian Federation
4Department of cardiology, A.N. Bakulev Scientific Center for Cardiovascular Surgery, Russian Federation

3+2

267: Does surgery still “gold standard” in the treatment of patients with hypertrophic obstructive cardiomyopathy?
Presented by: L. Nevmerzhitska
Author: K. Rudenko
Co-author: V. Lazoryshynets
National Institute of Cardiovascular Surgery Academy of Medical Sciences of Ukraine, Ukraine

3+2

237: Arch plasty of left atrium for moderate dilatation of left atrium: is it necessary?
Presented by: K. Pukas (author)
Co-authors: V. Popov, S. Andrievskaya, V. Lazorishinets
National Institute of cardio-vascular diseases named after Amosov, Ukraine

3+2

235: Less Invasive Surgical Treatment of Renal Cell Carcinoma Extending into Inferior Vena Cava and Right Atrium
Presented by: T. Demir (author)
Co-authors: N. Tanrikulu, M.U Ergenoglu, O. Parlakkilic, F.O Kurtulus, E. Demirsoy
1Kolan International Hospital, Department of Cardiovascular Surgery, Turkey
2Kolan International Hospital, Department of Anesthesiology, Turkey
3Kolan International Hospital, Department of Urology, Turkey

09:30 – 10:00 COFFEE BREAK

10:00 – 10:20 WELCOME SPEECH

ESCVS President: L. Davidovic (Serbia)
ESCVS President Elect: T. Folliguet (France)
ESCVS Secretary General: M. Thielmann (Germany)
ESCVS Ex-Officio 2010-2012: M. Zembala (Poland)
CARDIOVASCULAR INTERDISCIPLINARY SESSION  
**ROOM 1: FRANCE**

*Moderators: L. Davidovic (Serbia); T. Folliguet (France); D. Palombo (Italy); J. Powell (United Kingdom); M. Thielmann (Germany)*

**Keynote lectures:**

1. **Open thoracoabdominal aortic repair after failed TEVAR**  
   R. Chiesa (Italy)

2. **Organisation of acute aortic syndrome in Paris**  
   P. Achouh (France)

3. **Is volume important in aortic surgery**  
   A. Katsargyris (Germany)

4. **Evolution of frozen elephant trunk**  
   H. Jakob (Germany)

5. **Endovascular repair of chronic post dissection thoracoabdominal aortic aneurysms**  
   S. Haulon (France)

6. **Transcatheter aortic valve implantation. Consensus of the Polish cardiac and cardiovascular society**  
   M. Zembala (Poland)

7. **Why is operative mortality following vascular surgery higher in women?**  
   J. Powell (United Kingdom)

8. **Handle patients with multi vascular and coronary disease**  
   M. Amor (France)

ESCVS LIFETIME ACHIEVEMENT AWARD  
**ROOM 1: FRANCE**

**LERICH LECTURE:**

FUTURE OF CARDIAC SURGERY: A. Carpentier (France)  
Introduction by: T. Folliguet (France)

ESCVS GENERAL ASSEMBLY  
**ROOM 3: STRASBOURG**

13:00 – 14:00 LUNCH & EXHIBITS & SYMPOSIUM

CARDIAC SYMPOSIUM: MITRAL AND TRICUSPID VALVE SURGERY  
**ROOM 1: FRANCE**

*Moderators: F. Doguet (France); X. Duval (France); Z. Sutlic (Croatia); S. Prapas (Greece)*

**Keynote lectures:**

1. **Can mitral valve repair still be simplified?**  
   F. Doguet (France)

2. **Mini-mitral invasive surgery: for all patients?**  
   M. Bentala (The Netherlands)

3. **Addressing the challenges of heart patients Africa through innovation**  
   J. Kpodonu (United States)
4: Secondary mitral insufficiency – repair vs. replacement  Z. Sutlic (Croatia)

5: Trifecta-long term data  Z. Sutlic (Croatia)

6: Cardiac surgery during the acute phase of infective endocarditis: Discrepancies between European society of cardiology guidelines and practices  X. Duval (France)

7: The impact of sepsis on the outcome of infective endocarditis  B. Barsic (Croatia)

14:00 – 15:00 VASCULAR SYMPOSIUM I: THORACIC AORTA

ROOM 2: ALSACE

MODERATORS: L. Davidovic (Serbia); F. Grego (Italy); J. P. Verhoye (France)

KEYNOTE LECTURES:

1: Pros and cons of the hybrid technique for aortic arch aneurysm repair  F. Grego (Italy)

2: Simultaneous operations for heart diseases and thoracic aortic pathology  V. Arakelyan (Russian Federation)

3: Aortic Remodelling after hybrid treatment: quantitative geometrical analysis and clinical implications  D. Palombo (Italy)

4: Staged BEVAR with aneurysm sac perfusion for TAAA  R. Kopp (Switzerland)

5: Inner branches as an additional option besides fenestrations and branches  A. Katsargyris (Germany)

6: The SPIDER graft, a new device for thoracoabdominal aortic repair avoiding thoracotomy and extracorporeal circulation  S. Debus (Germany)

14:00 – 16:00 SURGERY OF THE AORTIC VALVE AND ROOT IN THE YOUNG

ROOM 3: STRASBOURG

CARDIAC ABSTRACT SESSION II: CONGENITAL HEART DISEASE

MODERATORS: T. Folliguet (France); J. Kluin (Netherlands)

KEYNOTE LECTURES:

1: Aortic valve sparing root replacement in children and adults  J. Kluin (Netherlands)

2: Aortic valve reconstruction in the young  S. Ozaki (Japan)

3: Patient-prosthesis mismatch and how to avoid it during aortic valve replacement  E. Demirsoy (Turkey)
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<th>Session</th>
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<th>Presenters</th>
<th>Authors</th>
<th>Institution(s)</th>
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<tr>
<td>5+2</td>
<td>221: Chronic late systolic loading associates with adverse left ventricular hypertrophic remodeling in a porcine heart</td>
<td>Presented by: S. POPEVSKA (author)</td>
<td>Co-authors: P. Claus, F. Rega, F. Rademakers</td>
<td>Department of Cardiovascular Sciences, Catholic University of Leuven, Belgium</td>
</tr>
</tbody>
</table>
| 5+2     | 127: Myocardial Bridging and its clinical significance: a meta-analysis of 133,380 subjects | Presented by: W.C HSIEH (author) | Co-authors: B. Michael Henry, J. Vikse, B. Sanna, M. Loukas, J. Lindner, K. A Tomaszewski | Department of Anatomy, Jagiellonian University Medical College, Poland  
First Faculty of Medicine, Charles University in Prague, Czech Republic  
2nd Department of Cardiovascular Surgery, First Faculty of Medicine and General University Hospital in Prague, Charles University, Czech Republic  
Faculty of Medicine and Surgery, University of Cagliari, Italy  
Department of Anatomical Sciences, St George's University, West Indies |
| 5+2     | 294: Heart transplantation in failing Fontan circulation              | Presented by: T. TIRILOMIS (author) | Co-authors: M. Grossmann, D. Zenker, M. Friedrich, F. A. Schöndube             | Dept. of Thoracic, Cardiac, and Vascular Surgery, University of Göttingen, Germany                                                                 |
| 5+2     | 142: Preventive tricuspid annuloplasty in adults patients with septal heart defects | Presented by: I. SAGATOV | Author: A. Kvashnin  
Co-authors: N.S Dosmailov, K.O Ongarbayev, Zh.B Koshkinbayev, U.Ye Imammyrzaev | National Scientific Center of Surgery named after A.N. Syzganov, Kazakhstan |
| 5+2     | 161: Long-term results of tricuspid valve replacement with bioprosthesis in patients with congenital heart defects | Presented by: V. MATAEV | Author: B. Sabirov  
Co-authors: V. Podzolkov, M. Chiaureli, V. Samsonov, M. Saidov, S. Ozodbek | A.N. Bakoulev Scientific Center for Cardiovascular Surgery, Russia |
<p>| 5+2     | 57: Surgical results for obstructed total anomalous pulmonary venous return in a single institution | Presented by: T. NGUYEN LY THINH (author) | Co-authors: M. Nguyen Tuan, S. Hoang Thanh, D. Mai Dinh, A. Doan Vuong, V. Tran Quang | Children Heart Center, National Children's Hospital, Vietnam |</p>
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<td>A.N. Bakoulev Scientific Center for Cardiovascular Surgery, Russia</td>
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<td>Cardio-thoracic Surgery Department, King Faisal Specialist Hospital &amp; Research Center, Saudi Arabia</td>
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<td>1Cardiothoracic Surgery Department, Mansoura University, Egypt</td>
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<td>2Cardio-thoracic Surgery Department, Tanta University, Egypt</td>
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<td>4Cardio-thoracic Surgery Department, Benha University, Egypt</td>
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<td>Best Vascular Poster Session</td>
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<td>Presenters: L. Capoccia (Italy); K. Houdek (Czech Republic)</td>
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<td>1Vascular Surgery Unit, Department of Cardiothoracic and Vascular Surgery, University Hospital of Heraklion, Greece</td>
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<td>2Interventional Radiology Unit, University Hospital of Heraklion, Greece</td>
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281: Acute aortic syndrome in abdominal aorta: detection and management
Presented by: G. SOKURENKO
Author: K. Andreychuk
Co-authors: N. Chernaya, E. Kiseleva
The Nikiforov Russian Center of Emergency and Radiation Medicine, Russia

389: Hybrid strategy in critical limb ischemia patients with multilevel atherosclerotic lesions
Presented by: I. DROC (author)
Co-author: S. Botezatu
Central military hospital, Romania

207: The chimney / periscope technique as total endovascular treatment of a Kommerell’s diverticulum in a left-sided aortic arch with aberrant right subclavian artery
Presented by: M. ZAVATTA (author)
Co-authors: F. Squizzato, A. Dall’Antonia, M. Piazza, M. Antonello
Department of Cardiac, Thoracic and Vascular Sciences, Vascular and Endovascular Surgery Clinic, Padova University, School of Medicine, Italy

292: Computational approach for determination of the mechanical wall stress within abdominal aortic aneurysm pre- and post- EVAR treatment
Presented by: S. DJOROVIC (author)1,2
Co-authors: I. Koncar1,2, L. Davidovic1, N. Filipovic3
1Faculty of Engineering, University of Kragujevac, Serbia
2Bioengineering Research and Development Center (BioIRC), Serbia
3Clinic for Vascular and Endovascular Surgery, Clinical Center of Serbia, Serbia

243: 12 years follow-up post-TEVAR in type B aortic dissection showed with 3D printing
Presented by: A. FINOTELLO (author)1
Co-authors: G. Spinella2, M. Conti3, B. Pane2, V. Gazzola2, S. Marconi4, F. Auricchio3, D. Palombo2
1Department of Experimental Medicine, University of Genova, Italy
2Vascular and Endovascular Unit, IRCCS San Martino IST, University of Genova, Italy
3Department of Civil Engineering and Architecture, University of Pavia, Italy

101: Control of damage and provide reperfusion by transient arterial shunt in a child with external iliac artery injury
Presented by: O. GOKALP3
Author: A. Pala1
Co-authors: H. Iner1, M. Ercisli2, Y. Tekin1, Y. Besir3, L. Yilik3, K. Donmez4, A. Gürbüz3
1Adiyaman Education and Research Hospital, Department of Cardiovascular Surgery, Turkey
2Adiyaman University, Faculty of Medicine, Department of Cardiovascular Surgery, Turkey
3Izmir Katip Celebi University Faculty of Medicine, Department of Cardiovascular Surgery, Turkey
4Izmir Katip Celebi University, Atatürk Education and Research Hospital, Department of Cardiovascular Surgery, Turkey

398: Specificities of vascular injuries in agriculture
Presented by: J. VARNAI-ČANAK (author)1
Co-authors: A. Ilić1, A. Mitrović1, S. Čanak2, R. Radojević3, L. Davidović1
1Clinic for vascular and endovascular Surgery, Clinical Centre of Serbia, Serbia
2Department of Chemical-technological Sciences, State University of Novi Pazar, Serbia
3University of Belgrade, Faculty of Agriculture, Serbia
244: Assessment of geometrical remodeling of the aortic arch and descending thoracic aorta after hybrid treatment
Presented by: A. FINOTELLO (author)
Co-authors: G. Spinella, M. Conti, E. Faggiano, B. Pane, V. Gazzola, F. Auricchio, D. Palombo
1Department of Experimental Medicine, University of Genova, Italy
2Vascular and Endovascular Unit, IRCCS San Martino IST, University of Genova, Italy
3Department of Civil Engineering and Architecture, University of Pavia, Italy

393: One-center results of surgical treatment in patients with carotid arteries atherosclerosis
Presented by: M. CHERNYAVSKIY
Author: B. Komakha
Co-authors: D. Chernova, A. Chernov, N. Zherdev
Almazov National Medical Research Centre, Russia

275: Large diameter (>29 mm) proximal aortic necks are associated with increased complication rates after EVAR for AAA
Presented by: P. NANA (author)
Co-authors: G. Kouvelos, K. Spanos, A. Giannoukas, M. Matsagkas
1Department of Vascular Surgery, Faculty of Medicine, School of Health Sciences, University of Thessaly, Greece
2Department of Surgery-Vascular Surgery Unit, Faculty of Medicine, School of Health Sciences, University of Ioannina, Greece

189: Spontaneous Type Ia endoleak sealing in patients undergoing endovascular aneurysm repair with the Ovation endograft.
Presented by: N. KONTOPODIS (author)
Vascular Surgery Unit, Department of Cardiothoracic and Vascular Surgery, University

327: Results of endovascular treatment in patients with aorto-iliac occlusive disease
Presented by: N. ZHERDEV
Author: M. Chernyavskiy
Co-authors: D. Chernova, A. Chernov
Almazov National Medical Research Centre, Russia

358: The use of bioactive stent in patients with atherosclerotic lesions of superficial femoral artery: 24-month results
Presented by: A. OLESCHUK (author)
Co-authors: M. Generalov, D. Maystrenko, A. Ivanov, A. Khmelnitskiy
Vascular department, RRCSRST, Russia

27: Endovascular Stent-Graft Implantation for the Treatment of Peripheral Pseudoaneurysms: Six-Year Results from a Cardiovascular Surgery Center
Presented by: E. EROGLU
Author: A. Yasin
Kahramanmaras Sutcu Imam University Faculty of Medicine, Department of Cardiovascular Surgery, Turkey

15:00
15:30 PEDIATRIC VASCULAR SURGERY
ROOM 2: ALSACE

Moderators: D. Palombo (Italy); C. Dzsineich (Hungary)

Keynote lectures:

1: Treatment of pediatric vascular injuries
L. Davidovic (Serbia)

2: Acute limb ischemia in the pediatric population
C. Wahlgren (Sweden)

3: Middle aortic syndrome
G. Hamilton (United Kingdom)
# Vascular Symposium II: IUA & ESCVS Joint Session

**Room 2: Alsace**

**Moderators:** A. Visona (Italy), M. Matsagkas (Greece)

**Keynote Lectures:**

1. **Perioperative management of patients receiving DOACs in vascular surgery**  
   E. Arnaoutoglou (Greece - ESCVS)

2. **Sudden cessation of statins can destabilize plaques**  
   Ch. Liapis (Greece - ESCVS)

3. **Drug therapy in Vascular Patients: the BMT (Best Medical Treatment)**  
   D. Clement (Belgium - IUA)

4. **Education of patient improves health-related behaviour**  
   A. Visona (Italy - IUA)

# Cardiac Symposium II: Aortic Surgery – Arch and Aortic Dissection: Hybrid Technique

**Room 1: France**

**Moderators:** M. Czerny (Germany); J.P. Verhoye (France)

**Keynote Lectures:**

1. **TEVAR: inaccurate aortic stent graft deployment in the distal landing zone: Incidence, reasons and consequences**  
   M. Berezowski (Poland)

2. **Non A non B aortic dissection: incidence, treatment and outcome**  
   B. Rylski (Germany)

3. **Change paradigm for arch surgery - perfusion instead of protection**  
   E. Rosseikin (Russian Federation)

4. **Frozen elephant trunk: When, why and how?**  
   K. Tsagakis (Germany)

5. **A new approach in understanding and treating malperfusion in acute aortic syndromes**  
   M. Czerny (Germany)

6. **Results of the aortic arch replacement: hybrid technique**  
   M. Czerny (Germany)

7. **Hybrid treatment for aortic arch aneurysm**  
   F. Grego (Italy)

8. **Aortic sparing technique modification**  
   T. Modine (France)

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**16:00 – 16:30 Coffee Break & Exhibits**

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**Vascular Abstract Session II: Carotid Disease**

**Room 3: Strasbourg**

**Moderators:** G. Kouvelos (Greece); J. Molacek (Czech Republic)

329: **Early carotid endarterectomy after the stroke: 7-years experience**

*Presented by: G. Sokurenko (author)\(^1\)*

*Co-authors: K. Andreychuk\(^1\), A. Shatravka\(^2\), E. Kiseleva\(^1\)*

\(^1\)The Nikiforov Russian Center of Emergency and Radiation Medicine, Russia

\(^2\)The Alexander II City Hospital, Russia
<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Presenters</th>
</tr>
</thead>
<tbody>
<tr>
<td>3+2</td>
<td><strong>63</strong>: Retinal ganglion cell complex and peripapillary retinal nerve fiber layer thickness following carotid endarterectomy</td>
<td>Presented by: O. GUCLU (author) Medical School of Trakya University, Department of Cardiovascular Surgery Edirne, Turkey</td>
</tr>
</tbody>
</table>
| 3+2 | **246**: Coronary artery bypass surgery alone or combined with simultaneous carotid endarterectomy in severe concomitant coronary and carotid atherosclerosis. A randomized clinical trial | Presented by: S. C. KNIPP (author)
Co-authors: T. Holst, K. Bilbilis, J. Rekowski, H.C. Diener, H. Jakob, C. Weimar
1Department of Thoracic and Cardiovascular Surgery, University of Duisburg-Essen, Germany
2Institute of Medical Informatics, Biometry and Epidemiology, University of Duisburg-Essen, Germany
3Institute of Medical Informatics, Biometry and Epidemiology, University of Duisburg-Essen, Germany
4Department of Neurology, University of Duisburg-Essen, Germany
5Department of Thoracic and Cardiovascular Surgery, University of Duisburg-Essen, Germany |
| 3+2 | **287**: Quantitative analysis and predictors of embolic filter debris load, during carotid artery stenting in asymptomatic patients. | Presented by: F. SQUIZZATO
Author: M. Piazza
Co-authors: C. Chincarini, C. Maturi, M. Menegolo, M. Antonello, F. Grego.
Vascular and Endovascular Surgery, University of Padua, Italy |
| 3+2 | **376**: Simultaneous coronary artery bypass grafting and carotid endarterectomy can be performed with low rates of major perioperative complication | Presented by: P. LEPILIN
Author: R. Akchurin
Co-authors: A. Shiryaev, D. Galyautdinov, E. Vlasova, V. Vasil’ev
Institute of Cardiovascular Research Center of Cardiology, Russia |
| 3+2 | **386**: Surgical treatment for recurrent carotid stenosis: is the risk really high? | Presented by: B. SPIRIDON (author)
Co-authors: O. Khader, F. Blaes, A. Borchers, D. Pflitsch
1Faculty of Health, Witten/Herdecke University, Germany
2Department of Vascular Surgery, Hospital Waldbröl, Germany
3Department of Neurology, Hospital Gummersbach, Germany
4Department of Anesthesiology and Intensive Care Medicine, Hospital Waldbröl, Germany |
| 3+2 | **387**: Carotid Stenting Versus Endarterectomy for the treatment of carotid artery stenosis: Contemporary results from a single center study | Presented by: P. NANA (author)
Co-authors: G. Kouvelos, V. Bouris, D. Xanthopoulos, M. Peroulis, E. Arnaoutoglou, G. Papadopoulos, M. Matsagkas
1Department of General Surgery-Vascular Surgery Unit, Faculty of Medicine, School of Health Sciences, University of Ioannina, Greece
2Department of Anesthesiology, Faculty of Medicine, School of Health Sciences, University of Ioannina, Greece |
### Vascular Abstract Session III: Peripheral Arterial Disease

**Moderators:** V. Arakelyan (Russian Federation); M. Menegolo (Italy)

<table>
<thead>
<tr>
<th>Abstract Number</th>
<th>Title</th>
<th>Presenting Authors</th>
<th>Co-authors</th>
<th>Institutions</th>
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<tbody>
<tr>
<td>384</td>
<td>Influence of intraoperative intra-arterial thrombolysis with recombinant tissue plasminogen activator on long-term clinical outcomes in patients with acute popliteal aneurysm thrombosis</td>
<td>M. Dragas (author) 1,2</td>
<td>P. Zlatanovic 1, I. Koncar 1, N. Ilic 1, N. Jakovljevic 1, P. Mutavdžić 1, O. Radmil 1, N. Savic 1, J. Varnai-Canak 1, K. Stevanović 1, L. Davidović 1,2</td>
<td>1Clinic for Vascular and Endovascular Surgery, Clinical Center of Serbia, Serbia 2School of Medicine, University of Belgrade, Serbia</td>
</tr>
<tr>
<td>291</td>
<td>Comparison of the primary patency between open and endovascular repair of popliteal artery aneurysms</td>
<td>P. Nana (author) 1,2</td>
<td>K. Mpatsalexis 1, G. Kouvelos 1,2, N. Rousas 1, K. Drakoul 1, I. Vasilopoulos 1, A. Giannoukas 1, M. Matsagkas 1,2</td>
<td>1Department of Vascular Surgery, Faculty of Medicine, School of Health Sciences, University of Thessaly, Greece 2Department of Surgery-Vascular Surgery Unit, Faculty of Medicine, School of Health Sciences, University of Ioannina, Greece</td>
</tr>
<tr>
<td>195</td>
<td>FemoSeal® device use for femoral artery closure by different specialists</td>
<td>R. Gabrielli (author)</td>
<td>A. Dante, M. Maurizio, A. Musilli, M. Ventura</td>
<td>San Salvatore Hospital, Italy</td>
</tr>
<tr>
<td>184</td>
<td>Validity of adapting therapy in patients with lower limbs critical ischemia</td>
<td>M. Mele (author)</td>
<td>W.M. Guerrieri</td>
<td>University of Siena, Italy</td>
</tr>
<tr>
<td>200</td>
<td>Initial monocentric french experience with the biosynthetic vascular prosthesis Omniflow® II in aorto-iliac and femoral reconstruction</td>
<td>M. Harmouché (author)</td>
<td>F. Lebars, Q. Langouet, A. Nauta, F. Loreille, A. Defontaine, E. Marchand, R. Martinez, M. Aupart</td>
<td>Department of Thoracic and cardio-vascular surgery, Trousseau hospital, University Hospital of Tours, France</td>
</tr>
<tr>
<td>253</td>
<td>Clinical findings in end-stage renal disease patients on hemodialysis with peripheral arterial disease</td>
<td>R. Asćeric (author)</td>
<td>N. Ilijevski 2, G. Trajković 3, N. Dimković 4,5</td>
<td>1Clinic of Surgery, Clinical Hospital Centre Zvezdara, Serbia 2Vascular Surgery Clinic, Dedinje Cardiovascular Institute, Serbia 3Department of Medical Statistics and Informatics, Serbia</td>
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<td>3+2</td>
<td><strong>48</strong>: Missing part of venous surgery: Our approach to small saphenous vein reflux</td>
<td>A. GÜRBÜZ, K. Donmez, S. Iscan, Izmir Katip Celebi University Ataturk Research and Education Hospital, Turkey</td>
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<td>197</td>
<td><strong>197</strong>: Use of covered stents in central vein stenosis following vascular accesses</td>
<td>S. BASSINI, M. Menegolo, C. Maturi, E.C Colacchio, F. Grego, M. Antonello, Clinica di Chirurgia Vascolare Azienda Ospedaliera - University of Padova, Italy</td>
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<td>3+2</td>
<td><strong>378</strong>: Acute Cava Free Floating Thrombus with Iliac Vein Thrombosis in May-Thurner Syndrome. Endovascular Management.</td>
<td>F. GALLARDO, R.R Carvajal, R. Lainez Rube, T. Hernandez Carbonell, J.A Carmona, J. Moreno Izarra, Department of Angiology and Vascular Surgery, Hospital Quironsalud, Spain</td>
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<td>400</td>
<td><strong>400</strong>: The impact of Hydrostatic Compression (HC) on venous morphology and reflux in patients with CVD The Underwater Vascular Investigation and Compression Group</td>
<td>D. KONTOTHANASSIS, C. R. Lattimer, E. Kalodiki, S. Oberto, G. Bergamo, A. Caggiati, 1Instituto Flebologico Italiano, Ferrara, Italy &amp; Abanomed, Abano Terme, Italy, 2Josef Pflug Vascular Laboratory, Ealing Hospital and Imperial College &amp; West London Vascular and Interventional Centre, Italy, 3Department of Vascular Surgery, IRCCS multimedica, Sesto San Giovanni, Italy, 4Microlab Elettronica, Italy, 5Department of Anatomy, Sapienza University, Italy</td>
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<td>3+2</td>
<td><strong>311</strong>: Left Innominate Vein Pseudoaneurysm - Surgical Treatment of a Rare but Relevant Complication after Central Line Insertion</td>
<td>A. PELOUZE, K. Ahmadov, C. Huber, M. Cikirikcioglu, Cardiovascular Surgery Department, Geneva University Hospital, Switzerland</td>
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<tr>
<td>3+2</td>
<td><strong>29</strong>: Mean platelet volume (MPV) as a predictor of venous thromboembolism (VTE) in colorectal cancer</td>
<td>C. WILASRUSMEE, N. Poprom, S. Horsirimanont, J. Jirasiritham, Department of Surgery, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand</td>
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<td>3+2</td>
<td><strong>12</strong>: A Comparison of N-Butyl Cyanoacrilate, Radiofrequency Ablation and Endovenous Laser Ablation in the Treatment of Varicose Veins: 2-Year Follow-up Results</td>
<td>A. YASIM, E. Eroglu</td>
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</table>
**VASCULAR SYMPOSIUM III: AAA**  
**ROOM 2: ALSACE**

Moderators: L. Davidovic (Serbia); F. Koskas (France)

**Keynote Lectures:**

1. **Applicability of the Fenestrated Anaconda™ aortic cuff**  
   C. Zeebregts (Netherlands)

2. **Non-fluoro-based navigation: Preclinical experience with the IOPS technology.**  
   E. Parodi (United States)

3. **The fate of proximal aortic neck after EVAR**  
   G. Kouvelos (Greece)

4. **Optimal strategy for concomitant diseases of renal arteries and infrarenal aorta**  
   F. Koskas (France)

5. **Endovascular treatment of isolated iliac aneurysms**  
   A. Jawien (Poland)

6. **What do we know on endoleaks after EVAR – is there a new type of endoleak?**  
   E. Allaire (France)

7. **CO2 angio: the new gold standard for any patient submitted to EVAR?**  
   J. Teixeira (Portugal)

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**CARDIAC ABSTRACT SESSION IV: CARDIAC ARRHYTHMIAS, MINIMAL INVASIVE & INFECTIOUS DISEASES**  
**ROOM 4: COLMAR**

Moderators: M. Planinc (Croatia); K. Zannis (France)

**Keynote Lecture:**

Atrial fibrillation minimal invasive surgical techniques  
K. Zannis (France)

354: **Surgical Outcome of Aggressive Mitral Valve Repair in Native Mitral Valve Endocarditis – A Single Surgeon Experience**  
Presented by: Z. HAIDARI (Author)  
Co-authors: S-E Shehada, D. Wendt, F. Mourad, K. Tsagakis; M. Thielmann, H. Jakob, M. El-Gabry  
*University Hospital Essen, Germany*

322: **Transit time flow measurement (TTFM) and high frequency ultrasound epi-cardiac imaging to guide coronary artery bypass surgery**  
Presented by: S-E SHEHADA¹  
Author: D. Wendt¹  
Co-authors: R. Machulla¹, P. Marx¹, E. Demircioglu¹, F. Mourad¹, K. Tsagakis¹, A. Demircioglu², M. Thielmann¹, H. Jakob¹, M. El Gabry¹  
¹*Department of Thoracic and Cardiovascular Surgery, West-German Heart and Vascular Center Essen, University Hospital Essen, Germany*  
²*Institute of Diagnostic and Interventional Radiology and Neuroradiology, University Hospital Essen, Germany*
<table>
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<tr>
<th>Session No.</th>
<th>Title</th>
<th>Presenters</th>
<th>Institutions</th>
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</thead>
</table>
| 347        | Efficacy and Safety of QPI-1002 for Prevention of Acute Kidney Injury Following Cardiac Surgery | Presented by: M. THIELMANN (author)  
2Quark Pharmaceuticals, Inc., United States  
3Duke University Medical Center, United States  
4New Brunswick Heart Centre, Canada  
5Charité Universitätsmedizin Berlin, Germany  
6McLaren Northern Michigan, United States  
7McMaster University, Canada  
8University of Heidelberg, Germany  
9West-German Heart and Vascular Center Essen, University Germany  
10JCCR, United States |
| 391        | Right mini-thoracotomy in video-and robotInst-assisted cardiac surgery, a series of 307 patients | Presented by: N.F BAYARD (author)  
Co-authors: F. Bouchart, F. Doguet | 1Institut Mutualiste Montsouris, France  
2Rouen University Hospital, France |
| 369        | Coronary artery bypass grafting vs. percutaneous coronary intervention in single-vessel LAD disease | Presented by: Z. JONJEV (author)  
Co-authors: M. Golubović, I. Bjeljac, B. Kozić, A. M. Milosavljević | Institute for CVD of Vojvodina, Serbia |
| 280        | Thoracoscopic epicardial left atrial ablation for atrial fibrillation | Presented by: P. SHILENKO (author)  
Co-authors: A. Kotsienko, Y. Schneider, M-D Tsoy | FGBU FCVMT, Russia |
| 122        | The Role Of La‘ S Diameter In Revival Of Sinus Rhythm During Mitral Valve Correction | Presented by: I. LEOSHKO  
Author: K. Pukas  
Co-authors: V. Popov, O. Rybacova | Amosov’s Institute of cardiovascular surgery of Academy of medical sciences of Ukraine, Ukraine |
| 257        | Minimally invasive mitral surgery through a right vertical axillary minithoracotomy | Presented by: M.A PANO  
Author: S. Nicolardi  
Co-authors: F. Mangia, G. Scrascia, A. Gallo, L. Amorese, D. Rocco, P. Fellini, A.Scotto di Quacquaro, S. Zaccaria, C. Angelo Greco, G. Casali | Unit of Cardiac Surgery, «Vito Fazzi» Hospital, Italy |
| 3+2  | **119:** Prevention Sick Sinus Syndrome In Patients With The Fragmentation Operation In Left Atrium For Correction Of Isolated Mitral Valve Disease  
Presented by: I. LEOSHKO (author)  
Co-author: V. Popov  
Arnosov’s Institute of cardiovascular surgery of Academy of medical sciences of Ukraine, Ukraine |
| 165: The importance of emerging transcatheter mitral valve technologies in cost-effectiveness and post-procedure outcomes  
Presented by: A. ELBARDISSI (author)  
Co-author: M. Stuntz  
Deerfield Institute, United States of America |
| 13: Aortic valve replacement through ministernotomy versus medial sternotomy – insight into a prospective randomized study.  
Presented by: P. VUKOVIC (author)  
Co-authors: P. Milojevic, I. Stojanovic, S. Micovic, I. Zivkovic, M. Peric, D. Unic-Stojanovic, M. Bojic  
Department of Cardiac Surgery, Dedinje Cardiovascular Institute, Serbia  
Department of Cardiology, Dedinje Cardiovascular Institute, Serbia  
Department of Anaesthesiology, Dedinje Cardiovascular Institute, Serbia  
Belgrade Medical School, Serbia |
| 357: Trends in isolated mitral valve surgery: the changing risk profile of patients and outcomes  
Presented by: A. ELBARDISSI (author)  
Co-author: M. Stuntz  
Deerfield Institute, United States of America |

**CARDIAC SYMPOSIUM III: INFECTION OF STERNUM AND ANTERIOR THORACIC WALL**  
ROOM 1: FRANCE

**CARDIAC ABSTRACT SESSION III: INFECTION OF STERNUM AND ANTERIOR THORACIC WALL**

Moderators: Z. Sutlic (Croatia); M. Bertram (France)

**Keynote Lectures:**

| 10+2  | **1:** What measures can prevent sternal wound infections?  
I. Coti (Austria) |
| 10+2  | **2:** Current management of sternal wound infection after cardiac surgery  
A. Tabley (France) |
| 10+2  | **3:** Long term results using negative pressure wound therapy for treatment of sternal infections  
N. Hristov (Macedonia) |
| 10+2  | **4:** Negative pressure wound therapy and reconstructive options for reconstruction of poststernotomy defects  
F. Rudman (Croatia) |

| 3+2  | **158:** Sternal wound infection, risk factors and outcome. Our experience  
Presented by: E. PRIFTI (author)  
Co-authors: M. Bonacchi, K. Mekshi, G. Giunti, A. Baboci, K. Krakulli, D. Pellumbi, A. Veshti  
Division of Cardiac Surgery, University Hospital Center of Tirana, Albania  
Department of Cardiac Surgery, University of Florence, Italy |
| 3+2  | **284:** Has the modern treatment of deep sternal wound infection brought real survival benefit to patients after cardiac surgery?  
Presented by: M. SIMEK (author)  
Co-authors: K. Langova, M. Kalab, J. Konecnny, R. Hajek, B. Zalesak, V. Lonsky  
Department of Cardiac Surgery, University Hospital Olomouc, Czech Republic  
Department of Biophysics, Medical Faculty of Palacky University Olomouc, Czech Republic  
Department of Plastic and Aesthetic Surgery, University Hospital Olomouc, Czech Republic  
Medical Faculty of Palacky University Olomouc, Czech Republic |
### CARDIAC ABSTRACT SESSION V: CARDIAC INSUFFICIENCY & CARDIAC ASSIST DEVICES  ROOM 3: STRASBOURG

**08:00**

**CARDIAC ABSTRACT SESSION V: CARDIAC INSUFFICIENCY & CARDIAC ASSIST DEVICES**

**ROOM 3: STRASBOURG**

**Moderators:** M. Kindo (France); Z. Sutlic (Croatia)

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<tbody>
<tr>
<td>139</td>
<td>Paracorporeal Biventricular Assist Device in Acute Heart Failure: Hong Kong Experience</td>
<td>T.W.K AU (author)¹</td>
<td>I. Bhatia¹, C.K.L. Ho¹, K.Y.Y Fan²</td>
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<tr>
<td>⁴</td>
<td><em>¹Department of Cardiothoracic Surgery, The University of Hong Kong, Queen Mary Hospital, Pokfulam Road, Hong Kong</em></td>
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<td>⁵</td>
<td><em>²Cardiac Medicine Unit, The University of Hong Kong, Grantham Hospital, Wong Chuk Hang, Hong Kong</em></td>
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<tr>
<td>40</td>
<td>HeartMate 3 assist device as an alternative therapy to the heart transplantation in end-stage heart failure patients</td>
<td>A. MEDRESSOVA²</td>
<td>S. Bekbossynov²</td>
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<td><em>²Author: S. Bekbossynov²</em></td>
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<td>⁴</td>
<td><em>²Co-authors: Y. Pya¹, M. Bekbossynova¹, S. Dzhetybayeva¹, R. Salov³</em></td>
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<td>³</td>
<td><em>³¹National research cardiac surgery center, Kazakhstan</em></td>
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<td><em>³²Cardiac surgery department №2 of the National research cardiac surgery center, Kazakhstan</em></td>
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<td>⁶</td>
<td><em>³³VAD service, National Research Cardiac Surgery Center, Kazakhstan</em></td>
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<tr>
<td>39</td>
<td>Analysis of 100 HeartMate II left ventricular assist device implantations: Astana experience</td>
<td>A. MEDRESSOVA (author)²</td>
<td>Y. Pya¹, S. Bekbossynova¹, M. Bekbossynova¹, S. Andossova¹, M. Murzagaliyeva²</td>
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<td>³</td>
<td><em>²Co-authors: Y. Pya¹, S. Bekbossynova¹, M. Bekbossynova¹, S. Andossova¹, M. Murzagaliyeva²</em></td>
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<td>⁴</td>
<td><em>²¹National research cardiac surgery center, Astana, Kazakhstan</em></td>
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<td><em>²²Cardiac surgery department №2 of the National research cardiac surgery center, Kazakhstan</em></td>
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### CARDIAC ABSTRACT SESSION VI: TAVI & TRANSCATHETER AORTIC PROCEDURES  ROOM 1: FRANCE

**08:00**

**CARDIAC ABSTRACT SESSION VI: TAVI & TRANSCATHETER AORTIC PROCEDURES**

**ROOM 1: FRANCE**

**Moderators:** M. Bertram (France); M. Thielmann (Germany)

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<tbody>
<tr>
<td>64</td>
<td>Antegraded implantation of previously fenestrated stent for arch repair for acute Stanford type A aortic dissection</td>
<td>Q. ZHOU</td>
<td>H. Cao, Y. Xue, J. Pan, Q. Wang, F. Fan, X. Zhu</td>
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<td>³</td>
<td><em>Author: D. Wang</em></td>
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<tr>
<td>⁴</td>
<td><em>The Affiliated Drum Tower Hospital of Nanjing University Medical School, China</em></td>
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<td>³</td>
<td><em>Department of Thoracic and Cardiovascular Surgery, West German Heart and Vascular Center Essen, University Hospital Essen, Germany</em></td>
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<tr>
<td>326</td>
<td>A detailed fluid dynamical analysis of the Trifecta aortic valve prosthesis</td>
<td>P. MARX (author)¹</td>
<td>W. Kowalczyk², A. Demircioglu³, S-E Shehada¹, F. Mourad¹, M. Thielmann¹, H. Jakob¹, D. Wendt¹</td>
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<td><em>¹Department of Thoracic and Cardiovascular Surgery, West-German Heart and Vascular Center Essen, University Hospital Essen, Germany</em></td>
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<td>⁴</td>
<td><em>²Chair of Mechanics and Robotics, University Duisburg-Essen, Campus Duisburg, Germany</em></td>
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<td>⁵</td>
<td><em>³Institute for Diagnostic and Interventional Radiology and Neuroradiology, University Hospital Essen, Germany</em></td>
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</table>
3+2 | **341:** Outcomes of isolated versus combined procedures in patients older than 70 years undergoing surgical aortic valve replacement in the era of Transcatheter aortic valve replacement  
Presented by: F. MOURAD  
Author: S-E Shehada  
Co-authors: Janine Nowak, Natalia Cleve, Juri Luibarski, Mohamed El Gabry, Daniel Wendt, Matthias Thielmann, Heinz Jakob  
*Department of Thoracic and Cardiovascular Surgery, West German Heart and Vascular Center Essen, University, Germany*  

3+2 | **321:** Modified implantation height of the Sapien3 transcatheter heart valve  
Presented by: S-E SHEHADA  
Author: D. Wendt  
*Department of Thoracic and Cardiovascular Surgery, West-German Heart and Vascular Center Essen, Germany*  
*Department of Cardiology, West-German Heart and Vascular Center Essen, Germany*  
*Clinic for Anesthesiology and Intensive Care, Germany*  

3+2 | **112:** Mid-term results of transcatheter aortic valve implantation by trans-carotid approach under loco-regional anaesthesia. Single center experience  
Presented by: M-E OLIVIER (author)  
*Division of Cardiovascular and Thoracic Surgery, Robert Debré University Hospital, France*  
*Division of Cardiology, Robert Debré University Hospital, France*  

3+2 | **361:** A new tool for accesses’ choices in TAVI using a dedicated software and computer simulation  
Presented by: J. TOMASI (author)  
Co-authors: A. Lucas, P. Haigron, J-P Verhoye  
*Department of thoracic and cardiovascular surgery, University hospital of Rennes, France*  
*Laboratoire de traitement du signal et de l'image (LTSI), France*  

3+2 | **47:** Candidate plasma biomarkers for predicting ascending aortic aneurysm in bicuspid aortic valve disease  
Presented by: O. HARRISON (Author)  
*University Hospital Southampton, United Kingdom*  
*University of Southampton, United Kingdom*  
*Sussex Heart Centre, United Kingdom*  
*Papworth Hospital, United Kingdom*  
*Stoller Biomarker Discovery Centre, United Kingdom*  

3+2 | **318:** Our single-center initial experience with the Perceval valve: clinical and hemodynamic data  
Presented by: N. G. BAIKOSSIS (author)  
Co-authors: S. Gaitanakis, M. Maimari, V. Lozos, M. Demosthenous, C. Kantzos, A. Katsaros, K. Triantafillou  
*Ippokratio General Hospital, Greece*  

3+2 | **138:** Occluded Carotid Axis Used For Transcatheter Aortic Valve Replacement  
Presented by: G. DROANDI (author)  
Co-authors: A. Di Cesare, A. Poncet, S. Muccio, Sebastien Duval, C. Brasselet, V. G. Ruggieri  
*Division of Cardiovascular and Thoracic Surgery, Robert Debré University Hospital, France*
3+2  

**65: Learning Curve Assessment of Trans-Catheter Aortic Valve Implantation by Japanese National Registry**  
Presented by: N. HANDA (Author)  
1Office of Medical Device, Pharmaceuticals and Medical devices Agency of Japan, Japan  
2Office of Medical Device Safety, Pharmaceuticals and Medical devices Agency of Japan, Japan  
3Department of Healthcare Quality Assessment, Graduate School of Medicine, Faculty of Medicine, The University of Tokyo, Japan  
4Department of Cardiovascular Surgery, Osaka University Hospital, Japan  
5Department of Cardiology, School of Medicine, Keio University, Japan  
6Department of Cardiology, Sakakibara Memorial Hospital, Japan  
7Department of Cardiovascular Surgery, National Cerebral and Cardiovascular Center, Japan  
8Department of Cardiology, National Cerebral and Cardiovascular Center, Japan  
9Department of Cardiovascular Surgery, School of Medicine, Toho University Sakura Hospital, Japan

3+2  

**107: Ventilation/Perfusion mismatch is one of the predictor of cardiovascular hospitalization and all-cause mortality in aged Japanese patients after TAVR (Vista study)**  
Presented by: M. MURATA (author)  
Co-authors: H. Adachi, T. Nakade, S. Oshima

3+2  

**66: Development of a novel autologous tissue-engineered heart valve for transcatheter implantation**  
Presented by: Y. TAKEWA (author)  
Co-authors: Y. Nakayama, K. Iizuka, D. Akiyama, N. Katagiri, D. Takeshita, E. Tatsumi  
Department of Artificial Organs, National Cerebral and Cardiovascular Center, Japan

3+2  

**271: Assessment of the quality of life of patients aged 65 years and above undergoing transcatheter aortic valve implantation (TAVI)**  
Presented by: J. ZEMBALA-JOHN (author)  
Co-authors: O. Kowalski, P. Chodór, M.O. Zembala, D. Jagielak, A. Witkowski, E. Grochowska-Niedworok, K. Brukal, J. Stepińska  
1Silesian Center for Heart Diseases, Poland  
2School of Public Health in Bytom, Medical University of Silesia, Poland  
3Kardio-Med Silesia, Poland  
4Department of Cardiology, Congenital Heart Diseases and Electrotherapy, Medical University of Silesia, Silesian Center for Heart Diseases, Poland  
5Department of Cardiac, Vascular and Endovascular Surgery and Transplantology, Medical University of Silesia, Silesian Center for Heart Diseases, Poland  
6Department of Cardiac Surgery, Gdańsk Medical University, Poland  
7Department of Interventional Cardiology and Angiology, Institute of Cardiology, Poland  
8Department of Intensive Cardiac Care, Institute of Cardiology, Poland

3+2  

**247: TAVI and AV-blockade: do we always need to implant a permanent pacemaker?**  
Presented by: P. N. LEPILIN  
Author: O.V Sapelnikov  
RCRPC, Russia
| **345:** Permanent Pacemaker Implantation after Transcatheter Aortic Valve Replacement with and without Pre-Balloon Aortic Valvuloplasty  
Presented by: T. M BEAVER (author)  
Co-authors: S.H. Aalaei Andabili, M. Mckllip, G. J Arnaoutakis, A. A Bavry, R.D. Anderson, S. Wayangankar, E. Jeng, J. W Peterson  
*University of Florida, United States of America* |
|---|
| **406:** A retrospective one-year, single-centre analysis of transcarotid Transcatheter Aortic Valve Implantation results  
Presented by: M. HUBERT (author)  
Co-author: T. Folliguet  
*Institut Lorrain du Cœur et des Vaisseaux, CHRU de Nancy, France* |

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**08:00 - 09:30**

**VASCULAR ABSTRACT SESSION V: EVAR**

**ROOM 2: ALSACE**

**Moderator:** M. Menegolo (Italy); Z. Rancic (Switzerland)

| **252:** Tailoring of ch-EVAR to various anatomic challenges with the currently available endografts is feasible and effective treatment  
Presented by: P. NANA (author)  
Co-authors: G. Kouvelos, K. Spanos, C. Karathanos, A. Giannoukas, M. Matsagkas  
*Faculty of Medicine, School of Health Sciences, University of Thessaly, Greece* |
|---|
| **395:** Endovascular treatment of infrarenal aneurysms: comparison of the results of EVAR with use of different endoprosthesis  
Presented by: P. LEPILIN  
Author: R. Akchurin  
Co-authors: T. Imaev, I. Kuchin, A. Komlev, A. Kolegaev, I. Medvedeva, D. Salichkin  
*Russian National Medical Research Center of Cardiology, Russia* |
| **254:** Factors associated with elimination of Endoleak type II during 12-month period post-EVAR  
Presented by: P. NANA  
Author: K. Spanos  
Co-authors: G. Kouvelos, S. Koutsias, E. Arnaoutoglou, A. Giannoukas, M. Matsagkas  
1. *Department of Vascular Surgery, Faculty of Medicine, School of Health Sciences, University of Thessaly, Greece*  
2. *Department of Anesthesiology, Faculty of Medicine, School of Health Sciences, University of Thessaly, Greece* |
| **388:** EVAR Hostile Anatomies. Solutions Within Stentgrafts IFU’S: Short Necks, Extreme Angulations, Small Aortic Diameter, Calcium and Thrombus.  
Presented by: F. GALLARDO (author)  
Co-authors: J. Fernandez Noya, R.R. Carvajal, J. Villaverde, M. Martinez Perez  
1. *Department of Angiology and Vascular Surgery, IVEI. Hospital Quironsalud, Spain*  
2. *Department of Angiology and Vascular Surgery, Hospital Clinico Universitario de Santiago de Compostela, Spain* |
182: Successful endovascular treatment for EVAR limb occlusion as a first line treatment option
Presented by: H. SZEKESSY1 (author)
Co-authors: M. Hofmann1, D. Jaeger1, P. Buntschu1, D. Pakeliani1, R. Kopp1, F.J. Veith1,2,4,
T. Pfammatter2, G. Puippe3, M. Lachat1, Z. Rancic3
1Clinic for Cardiovascular Surgery, University Hospital Zurich, Switzerland
2Department of Interventional Radiology, University Hospital Zurich, Switzerland
3Department of Vascular Surgery, The Cleveland Clinic, USA
4NYU Langone Division of Vascular and Endovascular Surgery, New York University Medical Centre New York, USA
52: PET-CT as an indicator for antibiotic treatment duration following endovascular repair for mycotic aneurysms.
Presented by: S. FAJER
Author: J. Weissmann
Co-authors: S. Mahajna, Y. Griton, S. Fajer
1Vascular Surgery Unit, Meir Medical Center, Israel
2Interventional Radiology Unit, Meir Medical Center, Israel

08:30 – 10:00 COFFEE BREAK & EXHIBITS
10:00
11:00
EVF & ESCVS JOINT SESSION: ROOM 2: ALSACE
GLOBAL TREATMENT OF VENOUS DISEASES: FROM SUPERFICIAL TO DEEP VEINS

Moderators: A. Giannoukas (Greece); V. Treska (Czech Republic)

Keynote lectures:

1: Thermal and tumescentless ablation techniques for the treatment of superficial reflux
D. Kontothanassis (Italy)

2: Valve repair in primary and post-thrombotic deep vein reflux
O. Maleti (Italy)

3: Pharmacomechanical thrombolysis for the treatment of acute DVT
N. Baekgaard (Denmark)

4: Renal carcinoma with IVC thrombus
V. Treska (Czech Republic)

10:00
11:00
VASCULAR SYMPOSIUM V: INFECTION RELATED CONDITIONS
ROOM 3: STRASBOURG

Moderators: N. Chakfe (France); N. Sakalihasan (Belgium); F. Speziale (Italy)

Keynote lectures:

1: Current role of the PET-CT in the aortic graft infection
N. Sakalihasan (Belgium)

2: Endovascular treatment of mycotic aortic aneurysms – a paradigm shifting
A. Wanhainen (Sweden)

3: Self-made pericardial tube grafts for reconstruction in aortic infections
T. Wyss (Switzerland)

4: Homografts in aortic infection
Z. Szeberin (Hungary)

5: Management of non-infectious Aortitis
J. Defraigne (Belgium)

11:15
12:30
CARDIAC SYMPOSIUM IV: ATRIAL FIBRILLATION & INDICATION AND TECHNIQUES OF LAA OCCLUSION
ROOM 1: FRANCE

CARDIAC ABSTRACT SESSION VII: ATRIAL FIBRILLATION & INDICATION AND TECHNIQUES OF LAA OCCLUSION

Moderators: S. Salzberg (Switzerland); P. Suwalski (Poland); K. Zannis (France)

Keynote lectures:

1: Epicardial approach technique and results
E. Bergoend (France)

2: Atrial fibrillation concomitant approach
P. Suwalski (Poland)

3: Minimally invasive approach for Afib surgery
P. Suwalski (Poland)

4: Current strategies for Afib surgery
E. Demirsoy (Turkey)

5: LAA Occlusion
S. Salzberg (Switzerland)

82: Single-knot lock procedure for adjustment of the length of artificial chordae in mitral valve repair
Presented by: Y. SHIMAMURA (author)
Co-author: K. Maisawa
The Department of Cardiovascular Surgery, Saitama City Hospital, Japan
**3+2**

**118:** Pulmonary artery denervation as a new method of non-farmacological treatment of residual pulmonary hypertension after pulmonary endarterectomy

Presented by: A. CHERNYAVSKIY (Author) 1
Co-authors: N. Novikova 2, B. Rudenko 3, A. Edemskiy 1, A. Romanov 1

1 Surgeon, Russian federation
2 Cardiologist, Russian federation
3 Surgeon, Russian federation

**402:** Primary hydatid cyst of the thoracic aorta revealed by peripheral arterial embolism: A case report and review of the literature

Presented by: M. GUELICH (author)
Co-authors: I. Frikha, Z Châari, A. Damak, N. Elleuch, H. Benjemâa

Department of cardio-thoracic surgery, Habib Bourguiba university hospital, Tunisia

**50:** 10-year outcomes after pulmonary endarterectomy

Presented by: A. CHERNYAVSKIY

Author: E. Alexander
Co-author: N. Novikova

National Medical Research Center named after Academic E.N. Meshalkin, Russia

**401:** Surgical management of cardio-pericardial hydatid disease: A Tunisian center experience

Presented by: M. GUELICH (author)
Co-authors: I. Frikha, H. Benjemâa, A. Jemel, Z. Châari

Department of cardio-thoracic surgery, Habib Bourguiba university hospital, Tunisia

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**11:00 – 12:30**

**VASCUlAR SYMPOSIUM VI: ACUTE AORTIC SYNDROME**

**SHORT TALKS – LONG DISCUSSION**

**ROOM 2: ALSACE**

Moderators: J. Brunkwall (Germany); I. Koncar (Serbia)

**Keynote lectures:**

1. **Is TEVAR alone sufficient to treat TBAD in the long-term?**
   When and how to attempt secondary tears coverage?
   G. Melissano (Italy)

2. **Who are the patients with uncomplicated TBAD that may benefit from TEVAR?**
   J. Brunkwall (Germany)

3. **How to size and select stent graft configuration in patient with acute type B aortic dissection**
   F. Gallardo (Spain)

4. **Endovascular treatment of traumatic thoracic aortic lesions.**
   A systematic review and meta-analysis.
   C. Zeebregts (Netherlands)

5. **The acute aortic syndrome in abdominal aorta: Incidence, diagnostic and treatment tactic**
   G. Sokurenkô (Russian federation)

6. **PET/CT imaging and computational biomechanics: Engineering better patient outcomes in type B aortic dissection**
   B. Doyle (Australia)

60

Open discussion
<table>
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<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Presenting Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>10+2</td>
<td>1:</td>
<td>Prevention and management of right heart dysfunction in cardiac surgery</td>
<td>M. Heringlake (Germany)</td>
</tr>
<tr>
<td>10+2</td>
<td>2:</td>
<td>Management of the patients on ECMO in ICU</td>
<td>E. Zogheib (France)</td>
</tr>
<tr>
<td>10+2</td>
<td>3:</td>
<td>Protecting the brain during high risk aortic surgery</td>
<td>H. Grocott (Canada)</td>
</tr>
<tr>
<td>10+2</td>
<td>4:</td>
<td>Perioperative point of care coagulation management</td>
<td>N. Bradic (Croatia)</td>
</tr>
</tbody>
</table>
| 3+2 | 365: | Low versus standard-blood-flow reperfusion strategy in experimental ischemic refractory cardiac arrest treated with Extra Corporeal Life Support | Presented by: Y. LUO \(^1,3\)  
Author: C. Fritz \(^1,2,3\)  
Co-authors: D. Grandmougin \(^3,4,5\), B. Levy \(^1,2,3\)  
\(^1\)INSERM U 1116, Groupe Choc, Equipe 2, Faculté de Médecine, France  
\(^2\)CHRU Nancy, Service de Réanimation Médicale Brabois, Pôle Cardiovasculaire et Réanimation Médicale, Hôpital Brabois, France  
\(^3\)Université de Lorraine, Faculté de Médecine, France  
\(^4\)CHRU Nancy, Service de Chirurgie Cardiaque, Pôle Cardiovasculaire et Réanimation Médicale, Hôpital Brabois, France  
\(^5\)Ecole de Chirurgie, Faculté de médecine, Université de Lorraine, France |
| 3+2 | 297: | Atrial fibrillation following coronary artery bypass graft: identify the real problem and clinical impact. | Presented by: E. CUKO  
Author: P. Totaro  
Co-authors: A. Sbaffi, C. Scarpari, S. Pelenghi  
Cardiac Surgery, IRCCS Foundation Hospital San Matteo, Italy |
| 3+2 | 128: | Influence of chronic hypoxemia and high concentration of hemoglobin on the development of complications in the early postoperative period in patients with cyanotic congenital heart diseases | Presented by: A. CHISLOVA (author) \(^1\)  
Co-authors: M. Rybka \(^1\), T. Astrakhantseva \(^1\), I. Yurlov \(^2\), D. Kovalev \(^2\), L. Mokrinskaya \(^3\)  
\(^1\)Department of anaesthesiology, A.N. Bakulev Scientific Center for Cardiovascular Surgery, Russian Federation  
\(^2\)Department for surgery in older children with congenital heart disease, A.N. Bakulev Scientific Center for Cardiovascular Surgery, Russian Federation  
\(^3\)Laboratory of artificial circulation, A.N. Bakulev Scientific Center for Cardiovascular Surgery, Russian Federation |
| 3+2 | 137: | Impact of bleeding complications on length of stay and critical care utilization in cardiac surgery in England | Presented by: N. AL-ATTAR \(^5\)  
Author: E. Ammann \(^1\)  
Co-authors: N. Jamous \(^2\), S. Johnston \(^1\), S. Mistry \(^3\), G. Gangoli \(^4\), W. Danker \(^4\)  
\(^1\)Epidemiology, Medical Devices, Johnson & Johnson, USA  
\(^2\)Health Economics & Market Access, Johnson & Johnson Medical Ltd, United Kingdom  
\(^3\)Medical Affairs, Johnson & Johnson Medical Ltd, United Kingdom  
\(^4\)Health Economics & Market Access, USA  
\(^5\)Department of Cardiac Surgery, Golden Jubilee National Hospital, United Kingdom |
### Vascular Abstract Session VII: Biomedical Engineering of Aorta

**Moderators:** N. Chakfé (France); N. Filipovic (Serbia)

<table>
<thead>
<tr>
<th>Abstract Number</th>
<th>Title</th>
<th>Presenting Author(s)</th>
<th>Co-authors</th>
<th>Institutions</th>
</tr>
</thead>
</table>
| 248             | Biodegradable small diameter vascular prostheses functionalized with protein-loaded nanoparticles | P.F. Ferrari (author)                                                               | B. Aliakbarian<sup>1</sup>, D. Palombo<sup>2</sup>, P. Perego<sup>1,3</sup> | Department of Civil, Chemical and Environmental Engineering, University of Genoa, Italy;  
Department of Supply Chain Management, Michigan State University, USA;  
Research Center for Biologically Inspired Engineering in Vascular Medicine and Longevity, Italy;  
Vascular and Endovascular Surgery Unit, Laboratory of Clinical and Experimental Vascular Biology, University of Genoa and Ospedale Policlinico San Martino, Italy |
| 227             | The Role Aortoiliac Morphology Plays in Isolated Common Iliac Artery Aneurysms: A Comparison of Ruptured and Intact Cases | L. Parker<sup>1,2</sup> (author)                                                     | L. Kelsey<sup>1,2</sup>, B. Lim<sup>1,3</sup>, J. Powell<sup>2</sup>, R. Ashleigh<sup>1</sup>, M. Venermo<sup>5</sup>, I. Koncar<sup>6</sup>, P. Norman<sup>1,7</sup>, B. Doyle<sup>1,2,8</sup> | Vascular Engineering Laboratory, Harry Perkins Institute of Medical Research, Australia;  
School of Engineering, The University of Western Australia, Australia;  
Vascular Surgery Research Group, Imperial College London, UK;  
University Hospital of South Manchester, UK;  
Division of Vascular Surgery, Helsinki University Central Hospital, Finland;  
Clinic for Vascular and Endovascular Surgery, Serbia;  
Medical School, The University of Western Australia, Australia;  
BHF Centre for Cardiovascular Science, The University of Edinburg, UK |
| 300             | Detection of different mechanical properties of native and donor ascending aorta in patient undergoing heart transplantation causing post-transplantation aortic dissection | A. Sbaffi                                                                          | A. Ferrara, S. Morganti, F. Auricchio, S. Polenghi                      | Cardiac Surgery, San Matteo Hospital, Italy                                   |
| 224             | The application of computational modelling for risk prediction in uncomplicated type B aortic dissection | B. Munshi<sup>1,2</sup> (author)                                                   | L.P. Parker<sup>1,3</sup>, P.E. Norman<sup>1,2</sup>, B.J. Doyle<sup>1,3</sup> | Vascular Engineering Laboratory, Harry Perkins Institute of Medical Research, Australia;  
QEII Medical Centre, Nedlands and Centre for Medical Research, The University of Western Australia, Australia;  
Medical School, The University of Western Australia, Australia;  
School of Engineering, The University of Western Australia, Australia |
| 172             | Thoracic stent-graft migration, the role of the geometric modifications of the stent-graft at 3 years | B. Nasr<sup>1,2,3</sup> (author)                                                   | J. Savean<sup>2</sup>, B. Albert<sup>1</sup>, A. Badra<sup>1</sup>, J. Braesco<sup>1</sup>, P. Gouny<sup>1,3</sup>, D. Visvikis<sup>2</sup>, H. Fayad<sup>2,3</sup> | Service de Chirurgie Vasculaire, CHU Brest, France;  
INSERM UMR 1101, LaTIM, CHU Morvan, France;  
Université de Bretagne Occidentale, France |
5+2

285: Computer simulation of atherosclerosis development in the coronary arteries
Presented by: N. FILIPOVIĆ (author)\textsuperscript{1,2}
Co-authors: I. Saveljić\textsuperscript{1,2}, D. Nikolic\textsuperscript{1,2}, I. Koncar\textsuperscript{3}, L. Davidovic\textsuperscript{4}, O. Parodi\textsuperscript{4}
\textsuperscript{1}Faculty of Engineering University of Kragujevac, Serbia
\textsuperscript{2}BioIRC, Research and Development Center for Bioengineering, Serbia
\textsuperscript{3}Clinic for Vascular and Endovascular Surgery, Serbian Clinical Centre, Serbia
\textsuperscript{4}National Research Council Pisa, Italy

5+2

226: Computational Fluid Dynamics: A Tool for Pre-surgical Planning in Aortic Dissection
Presented by: L.P PARKER (author)\textsuperscript{1,2}
Co-authors: L. Kelsey\textsuperscript{1,2}, J. Powell\textsuperscript{3}, I. Koncar\textsuperscript{4}, N. Sakalihasan\textsuperscript{5}, S. Jansen\textsuperscript{6,7,8,9}, P. Norma\textsuperscript{1,10}, B. Doyle\textsuperscript{1,2,11}
\textsuperscript{1}Vascular Engineering Laboratory, Harry Perkins Institute of Medical Research, Australia
\textsuperscript{2}School of Engineering, The University of Western Australia, Australia
\textsuperscript{3}Vascular Surgery Research Group, Imperial College London, UK
\textsuperscript{4}Clinic for Vascular and Endovascular Surgery, Serbian Clinical Centre, Belgrade, Serbia
\textsuperscript{5}Cardiovascular and Thoracic Surgery Department, University Hospital Liege, Belgium
\textsuperscript{6}Department of Vascular and Endovascular Surgery, Sir Charles Gairdner Hospital, Australia
\textsuperscript{7}School of Public Health, Curtin University, Australia
\textsuperscript{8}Faculty of Health and Medical Sciences, The University of Western Australia, Australia
\textsuperscript{9}Heart Research Institute, Harry Perkins Institute of Medical Research, Australia
\textsuperscript{10}Medical School, The University of Western Australia, Australia
\textsuperscript{11}BHF Centre for Cardiovascular Science, The University of Edinburgh, UK

5+2

265: Mathematical tool for morphological classification of abdominal aortic aneurysms based on geometric parameters
Presented by: M.A PÉREZ RUEDA (author)\textsuperscript{1,3}
Co-authors: F. Nieto Palomo\textsuperscript{1,3}, L.M Lipsa\textsuperscript{1,2}, C. Vaquero Puerta\textsuperscript{1,4}, G. Vilalta Alonso\textsuperscript{1,5}, J.A Vilalta Alonso\textsuperscript{6}, E. Soudah\textsuperscript{1}, V. Requejo de la Fuente\textsuperscript{3}
\textsuperscript{1}Instituto de la Tecnologías Avanzadas de la Producción (ITAP), University of Valladolid, Spain
\textsuperscript{2}Mechanical Engineering Division, CARTIF, Technological Center, Spain
\textsuperscript{3}Department of Mechanical Engineering, University of Valladolid, Spain
\textsuperscript{4}University and Clinic Hospital of Valladolid, Spain
\textsuperscript{5}Thermal Sciences and Fluid Department, Federal University of São João del-Rei, Brazil
\textsuperscript{6}Industrial Engineering Department, Polytechnical University of Havana, Cuba
\textsuperscript{7}International Center for Numerical Methods in Engineering (CIMNE), Technical University of Catalonia, Spain

12:30

13:00

KIEFFER LECTURE: OPEN REPAIR OF THORACOABDOMINAL AORTIC ANEURYSMS IN ENDOVASCULAR ERA

ROOM 1: FRANCE

L. Davidovic (Serbia)
Introduction by: D. Palombo (Italy)

13:00

13:30

EVOLUTION OF MECHANICAL CIRCULATORY SUPPORT AND FUTURE DEVELOPMENTS

ROOM 1: FRANCE

B. Frazier (United States)
Introduction by: T. Folliguet (France)

13:00 – 14:00 LUNCHTIME & EXHIBITS & SYMPOSIUM
### 14:15 – 15:30
**CARDIAC SYMPOSIUM VI: CORONARY ARTERY SURGERY**  
**ROOM 1: FRANCE**

Moderators: M. Sousa Uva (Portugal); G. Bolotin (Israel)

<table>
<thead>
<tr>
<th>Keynote lectures:</th>
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<tbody>
<tr>
<td>1: Hybrid coronary revascularization</td>
<td>N. Bonaros (Austria)</td>
</tr>
<tr>
<td>2: Total arterial revascularisation</td>
<td>N. Al-Attar (United Kingdom)</td>
</tr>
<tr>
<td>3: Implications of the ART trial at 5 years</td>
<td>U. Benedetto (United Kingdom)</td>
</tr>
<tr>
<td>4: Saphenous vein and the mesh</td>
<td>G. Bolotin (Israel)</td>
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<tr>
<td>5: Blood management and perioperative management; the new guidelines</td>
<td>M. Sousa Uva (Portugal)</td>
</tr>
<tr>
<td>6: Evolution of CABG, Epicard data</td>
<td>J. L. De Brux (France)</td>
</tr>
<tr>
<td>7: Class Ib recommendation for EVH</td>
<td>M. Mariani (Italy)</td>
</tr>
</tbody>
</table>

### 14:00 – 15:00
**VASCULAR SYMPOSIUM VII: CAROTID**  
**ROOM 2: ALSACE**

Moderators: A. Halliday (United Kingdom); V. Treska (Czech Republic)

<table>
<thead>
<tr>
<th>Keynote lectures:</th>
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<tbody>
<tr>
<td>1: Volume measurements in extracranial carotid artery aneurysms for standardised follow-up</td>
<td>G. J. de Borst (The Netherlands)</td>
</tr>
<tr>
<td>2: Carotid artery disease - what are the present challenges?</td>
<td>J. Fernandes e Fernandes (Portugal)</td>
</tr>
<tr>
<td>3: How soon after intracranial thrombolysis can we do CEA safely?</td>
<td>L. Capoccia (Italy)</td>
</tr>
<tr>
<td>4: Advances in the treatment of posterior cerebral circulation symptomatic disease</td>
<td>A. Giannoukas (Greece)</td>
</tr>
<tr>
<td>5: Do’s and don’ts: what I have learnt after my first 18 years of experience of carotid stenting</td>
<td>C. Setacci (Italy)</td>
</tr>
<tr>
<td>6: ACST-2 the largest trial in the world comparing CEA and CAS: What can we expect to learn?</td>
<td>A. Halliday (United Kingdom)</td>
</tr>
</tbody>
</table>

### 14:00 – 15:00
**OSVS & ESCVS JOINT SESSION: MIDDLE EAST CHARACTERISTICS – CARDIOVASCULAR PATHOLOGIES**  
**ROOM 3: STRASBOURG**

Moderators: T. Folliguet (France); I. Koncar (Serbia); L. Altarazi (Syria)

<table>
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<tr>
<th>Keynote lectures:</th>
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<tbody>
<tr>
<td>1: Middle east vascular pathologies what is special</td>
<td>L. Altarazi (Syria)</td>
</tr>
<tr>
<td>2: Myths and misconceptions in the management of Behcet’s-Adamantiades disease</td>
<td>K. Bozkurt (Turkey)</td>
</tr>
<tr>
<td>3: Peripheral Vascular Disease in the Middle East: The Neglected Disease</td>
<td>H. Al Thani (Qatar)</td>
</tr>
<tr>
<td>4: Special infectious cardiac case</td>
<td>A. Sandouk (Syria)</td>
</tr>
<tr>
<td>5: Pelvic Congestion Syndrome in orient – tips and tricks</td>
<td>L. Altarazi (Syria)</td>
</tr>
</tbody>
</table>

### 14:00 – 15:00
**NURSES’ COURSE**  
**ROOM 4: COLMAR**

**CARDIAC ABSTRACT SESSION IX: NURSING IN CARDIOLOGY AND CARDIAC SURGERY**

Moderators: M. Bertram (France); K. Zannis (France)

<table>
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<th>Keynote lectures:</th>
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<tr>
<td>1: ECMO team of Nancy</td>
<td>L. Parra (France), D. Parmentier (France)</td>
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<td>2: Paediatric ECMO team at Necker</td>
<td>K. Le Berre (France)</td>
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<td>3: Endoprosthesis team of CCML</td>
<td>J. Gaudin (France), M. Chalvet (France)</td>
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<td>4: Exclusive acts in cardiac surgery</td>
<td>D. le Bris (France)</td>
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**214:** Benefits for Patients & Healthcare Providers Using a Novel, Self-Contained Chest Drainage System Assessed in a Randomized, Prospective Study

Presented by: B. WALPOTH

Author: L. Barozzi

Co-authors: L. San Biagio, M. Meneguzzi, D. Courvoisier, G. Faggian

*Division of Cardiac Surgery, University of Verona, Italy*

*Quality of Care Unit, University Hospital, Switzerland*

*Department of Cardiovascular Surgery, University Hospital, Switzerland*

**255:** Comprehensive Geriatric Assessment and frailty in elderly patients undergoing cardiac surgery

Presented by: M.M LOPEZ TATIS (author)

Co-authors: J.M Gonzalez Santos, F.J López Rodriguez, M.E Arnaiz Garcia, A. Arévalo-Abascal, A.M Barral Varela, C. Amorós Rivera

*Complejo Asistencial Universitario de Salamanca, Spain*

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**15:00 – 15:30** HOW TO DO IT SESSION? STANDARDISED REPAIR OF RAAA GIVES OPTIMAL RESULTS

*ROOM 2: ALSACE*

**Moderators:** E. Allaire (France); F. Speziale (Italy)

**Keynote lectures:**

1: I do it always open  
   - L. Davidovic (Serbia)

2: I do it always endo  
   - Z. Rancic (Switzerland)

3: I am selective  
   - M. Matsagkas (Greece)

**15:00 – 16:30** CARDIAC SYMPOSIUM VII: NEW DEVELOPMENTS IN TRANSCATHETER VALVES THERAPIES

*ROOM 3: STRASBOURG*

**Moderators:** K. Zannis (France); M. Thielmann (Germany)

**Keynote lectures:**

1: Carotid approach is it the second choice  
   - K. Zannis (France)

2: Femoral approach for TAVI; the gold standard?  
   - R. Gallet (France)

3: Update on transcatheter mitral valve replacement  
   - K. Loger (Germany)

4: What do we know about long-term durability in TAVI  
   - M. Thielmann (Germany)

5: High fidelity simulation for transcatheter valve therapies  
   - N. Bonaros (Austria)

**15:00 – 16:00** ESVT & ESCVS JOINT DEBATE SESSION

*ROOM 4: COLMAR*

**Moderators:** M. Thielmann (Germany); D. Palombo (Italy), I. Koncar (Serbia)

1: Trends in training and practice of cardiac and vascular surgeons: The end of the cardiovascular surgeon?
   - **PRO:** M. Lawaetz (Denmark)
   - **CON:** M. Monteagudo (Spain)

2: Isthmus, the new frontier: How cardiac and vascular surgeons will collaborate in the future?
   - **PRO:** C. Maturi (Italy)
   - **CON:** K. Yeung (Netherlands)

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Open discussion

**15:30 – 16:00 COFFEE BREAK & EXHIBITS**
16:00 - 18:00  
**CARDIAC SYMPOSIUM VIII: MITRAL VALVE SURGERY**  
**ROOM 1: FRANCE**

Moderator: F. Doguet (France); M. De Bonis (Italy)

**Keynote lectures:**

1. Minimally invasive in redo cases  
   M. Vola (France)

2. Alfieri technique when should we use it  
   M. de Bonis (Italy)

3. Echography measurements for neochords implantation  
   T. Folliguet, M. Hubert (France)

4. Place of robotic approach in minimal invasive mitral surgery  
   F. Doguet (France)

5. Percutaneous mitral replacement: where are we?  
   T. Modine (France)

16:00 - 18:00  
**CARDIAC SYMPOSIUM IX: AORTIC VALVE SURGERY**  
**ROOM 2: ALSACE**

Moderators: J. Kluin (The Netherlands); T. Folliguet (France); F. Santini (Italy)

**Keynote lectures:**

1. Aortic valve repair with Biostable Heart Ring  
   A. Miceli (Italy)

2. Aortic valve sparing procedure  
   M. Czerny (Germany)

3. Minimally invasive aortic valve with sutureless valves  
   Klokocovnik (Slovenia)

4. Sutureless Canadian experience in AVR  
   D. Bouchard (Canada)

5. Ozaki Procedure  
   S. Ozaki (Japan)

6. Videoscopic assisted AVR is it feasible  
   M. Vola (France)

7. The Ross Procedure, from neonates to adults  
   P. van de Woestijne (Netherlands)

16:30 - 18:00  
**VASCULAR SYMPOSIUM VIII: PERIPHERAL OCCLUSIVE DISEASE**  
**ROOM 3: STRASBOURG**

Moderators: N. Chakfe (France); C. Zeebregts (Netherlands)

**Keynote lectures:**

1. Outcomes of kissing self-expanding covered stent for reconstruction of the aortic bifurcation  
   M. Menegolo (Italy)

2. Arm veins versus contralateral greater saphenous veins for lower extremity bypass reconstruction: preliminary data of a randomised study  
   T. Holzenbein (Austria)

3. Reappraisal of the role of SFA plaque structure on stenting performances  
   N. Chakfe (France)

4. Compartment syndrome of the foot in diabetes  
   S. Baktiroglu (Turkey)

5. Stem cell therapy for critical limb ischemia in patients with peripheral arterial disease  
   G.J. de Borst (Netherlands)

6. Buerger’s disease approach in 2018  
   K. Bozkurt (Turkey)
157: Retrograde cellular cardiomyoplasty through the coronary sinus. An experimental study on swines
Presented by: E. PRIFTI (author)
Co-authors: G. Di Lascio, G. Harmelin, D. Bani, V. Briganti, A. Veshti, K. Menkshi, M. Bonacchi
1Section of Experimental Medicine and Cardiac Surgery, Department of Experimental and Clinical Medicine, University of Florence, Italy
2Division of Cardiac Surgery, University Hospital Center of Tirana, Albania

371: Acute type A aortic syndrome: towards a more systematic aortic root replacement?
Presented by: A. SEBESTYEN (author)
Co-authors: V. Leguillou, F. Bouchart, A. Tabley, C. Aludaat, F. Doguet
University Hospital of Rouen, France

95: Atrial Septal defect surgery in adulthood
Presented by: R. BOUKERROUCHA (author)
Co-authors: N. Massikh, S. Chérif, B. Aziza, C. Khelafi, R. Lakehal, C. Rakouk, K. Bouguerra, K. Roudoci, A. Brahami.
EHS Draa benkheda, Algeria

269: Cardiac surgery in the oldest old. An analysis of mortality in the octogenarian population in the last five years
Presented by: C. AMORÓS RIVERA (author)
Co-authors: J.M Gonzalez Santos, FJ López Rodriguez, M.E Arnaiz Garcia, A. Arévalo Abascal, A.M Barral Varela, M.J M. López Tatis
Complejo Asistencial Universitario, Spain

46: Notch signalling dictates vascular smooth muscle cell death and differentiation in bicuspid aortic valve aortopathy
Presented by: O. HARRISON (author)
Co-authors: F. Cagampang, C. Torrens, K. Salhiyyah, A. Modi, N. Moorjani, S. Ohri
1University Hospital Southampton, Southampton, United Kingdom
2University of Southampton, Southampton, United Kingdom
3Papworth Hospital, Cambridge, United Kingdom

209: Results of Band versus Ring Tricuspid Annuloplasty
Presented by: M. POURMOJIB (author)
Co-authors: Z H. Ahmadi, B. Gholizadeh, N. Samiei, T. Babaei, B. Kazemborji, S. Hosseini
1Heart Valve Disease Research Center, Rajaie Cardiovascular Medical and Research Center, Iran University of Medical Sciences, Iran
2Lung Transplantation Research Center, National Research of Tuberculosis and Lung Diseases, Shahid Beheshti University of Medical Sciences, Iran
3Cardiac Surgery Department, Jundishapur University of Medical Science, Iran
4Cardiac Anesthesiology Department, Rajaie Cardiovascular Medical and Research Center, Iran University of Medical Sciences, Iran

160: Analysis of reasons of the coronary arteries stent thrombosis in patients with acute coronary syndrome
Presented by: I. SAGATOV (author)
Co-authors: O. Taimanuly, S.M Anartayev
1National Scientific Center of Surgery named after A.N. Syzganov, Kazakhstan
2City Clinical Hospital, Kazakhstan
**166: Intramyocardial implantation of bone marrow cells treated with erythropoietin in coronary artery disease surgery (6-month results)**
Presented by: A. FOMICHEV (author)
Co-authors: A. Chernyavskiy, O. Poveschenko, S. Minin, N. Nikitin.
National Medical Research Center Ministry of Health of Russian Federation, Russia

**151: Transapical approach for mitral valve repairing using artificial chords (animal experiments)**
Presented by: A. NEMKO
Author: G. Khubulava
Co-authors: N. Bunenkov, A. Kuznetsov, S. Yashin, A. Morozov, V. Ershov, M. Magkuk
Department of Cardiovascular Surgery, First St. Petersburg State I. Pavlov Medical University, Russian Federation

**216: The remote results after mitral valve replacement**
Presented by: K. PUKAS (author)
Co-author: L. Vasily
National Institute of cardio-vascular diseases named after Amosov, Ukraine

**261: Comparison of clinical and hemodynamic long-term results of valve repair and replacement in patients with ischemic mitral regurgitation**
Presented by: C. AMORÓS RIVERA
Author: J. M González Santos
Co-authors: C. Garilleti Cámara, F. J. López Rodríguez, M.E Arnáiz García, R. A Arévalo Abascal, A. M Barral Varela
1Department of Cardiovascular Surgery, Salamanca University Hospital, Spain
2Department of Surgery, University of Salamanca, Spain

**282: Surgical management of acute Stanford type A aortic dissection: single-center experience before and after implementation of 24/7 emergency cardiac surgery service**
Presented by: G. J BERGS (author)
Co-authors: U. Strazdins, E. Strike, M. Kalejs, P. Stradins
1Department of Cardiac Surgery, Pauls Stradins Clinical University hospital, Latvia
2Department of Cardiac Anesthesia and Intensive Care, Pauls Stradins Clinical University hospital, Latvia
3Latvian University, Latvia
4Riga Stradins University, Latvia

**RESIDENT FORUM SESSION**

Moderators: M. Thielmann (Germany); K. Zannis (France)

Keynote lectures:

1: Aneurysm diameter and growth rate – still the only indication for repair?
   C. Chronis (Greece)

2: Aortic dissection (acute type B) – conservative, open or endovascular?
   F. Squizzato (Italy)

3: AAA rupture: Has failed EVAR become the most common cause?
   M. Grima (Malta)

4: How to choose a marginal donor heart in era of donor organs shortage?
   R. Kozaryn (Poland)

5: EU and non-EU mobility: what are our options to study and/or work abroad?
   M. Kusurin (Croatia)

6: Minimally invasive robotic surgery: today and tomorrow
   N. Bayard (France)
POSTERS

385: Epicardial bipolar radiofrequency ablation of pulmonary vein as a preventive strategy for reducing the incidence of postoperative atrial fibrillation in coronary artery disease patients.
M. Anishchenko1, E. Malyschenko1, V. Popov2
1National Medical Research Center «A. V. Vishnevsky Institute of Surgery», Russian federation
2National Institute of Cardiovascular Surgery Name of M. M. Amosov, Ukraine

266: Predictors of survival, aortic valve stability and reoperation after aortic valve-sparing surgery: Early and long-term outcomes.
M.E Arnáiz-garcía1, C. Amorós1, F. Gutiérrez-Diez2, J.M González-Santos1, J.A Gutiérrez-Sanchez3, J. López-Rodríguez1, A.M Arnáiz-García1, J. Arnáiz4, J.F Nistal4
1Cardiac Surgery Department, University Hospital of Salamanca, Spain.
2Cardiac Surgery Department, University Hospital Marqués de Valdecilla, Spain.
3Infectious Disease Unit, University Hospital Marqués de Valdecilla, Spain.
4Radiology Department. Aspetar-Orthopaedic and Sports Medicine Hospital, Qatar.

M.E Arnáiz-garcía1, C. Amorós1, F. Gutiérrez-Diez2, J.M González-Santos1, M. López1, A.M Arnáiz-García3, J. Arnáiz4, J.F Nistal2
1Cardiac Surgery Department, University Hospital of Salamanca, Spain.
2Cardiac Surgery Department, University Hospital Marqués de Valdecilla, Spain.
3Infectious Disease Unit, University Hospital Marqués de Valdecilla, Spain.
4Radiology Department. Aspetar-Orthopaedic and Sports Medicine Hospital, Qatar.

332: MICS reduces morbidity in high-risk patients undergoing cardiac surgery.
B. Karthikeyan, M.M. Yusuf
Apollo Main Hospitals, India

319: Sutureless Surgical Aortic Valve Replacement(SU-AVR) in the era of TAVR
S. Gaitanakis, N. Baïkoussis, M. Maimari, V. Lozos, C. Kantsos, A. Katsaros, D. Limperiadis, K. Triantafillou
Ipokratio General Hospital, Greece

70: Minimally Invasive Cardiac Surgery versus Conventional Median Sternotomy for Atrial Septal Defect Closure: Comparison of Postoperative Datas
Y. Beşir1, O. Gokalp1, E. Karaağaç2, B. Eygi3, H. Iner3, N. Yesilkaya2, I. Peker3, L. Yilik1, A. Gürbüz1
1Izmir Katip Celebi University Faculty of Medicine Department of Cardiovascular Surgery, Turkey
2Izmir Katip Celebi University Ataturk Training and Research Hospital Department of Cardiovascular Surgery, Turkey

76: Predictors of neurologic complications after type A acute aortic dissection operations
Y. Besir1, O. Gokalp1, L. Yilik1, E. Karaağaç2, Y. Gokkur2, H. Iner3, N. Yesilkaya4, H. Durmaz4, S. Iscan4, G. Gokalp5, A. Gurbuz1
1Izmir Katip Celebi University Faculty of Medicine Department of Cardiovascular Surgery, Turkey
2Izmir Katip Celebi University Ataturk Education and Research Hospital Department of Cardiovascular Surgery, Turkey
3Adiyaman Education and Research Hospital Department of Cardiovascular Surgery, Turkey
4Ankara University Faculty of Medicine Department of Cardiovascular Surgery, Turkey
5Saglik Bilimleri University Izmir Tepecik Education and Research Hospital Department of Pediatric Emergency, Turkey

93: Aortic stenosis at the stage of dysfunction: Prognosis in the short and medium term
R. Boukerroucha, N. Massikh, S. Chérif, R. Lakehal, C. Khelafi, B. Aziza, C. Rakouk, K. Bouguerra, K. Roudoci, A. Brahami
EHS Draa benkheda, Algeria

308: An emergent surgery for valve migration in transcatheter aortic valve replacement
B.C Depboylu1, P. Mootoosamy1, P. Myers1, M. Licker2, M. Çıkırıkçıoğlu1
1Departments of Cardiovascular Surgery, Geneva University Hospitals Faculty of Medicine, Switzerland
2Department of Anaesthesiology and Reanimation, Geneva University Hospitals Faculty of Medicine, Switzerland
75: Predictors of Early Mortality in Emergency Surgery for Type A Acute Aortic Dissection
O. Gokalp1, L. Yilik1, Y. Besir2, E. K araagac2, Y. Gokkurt3, H. Iner1, N. Yesilkaya4, H. Durmaz3, S. Iscan4, G. Gokalp5, A. Gurbuz1
1Izmir Katip Celebi University Faculty of Medicine Department of Cardiovascular Surgery, Turkey
2Izmir Katip Celebi University Ataturk Education and Research Hospital Department of Cardiovascular Surgery
3Adiyaman Education and Research Hospital Department of Cardiovascular Surgery
4Ankara University Faculty of Medicine Department of Cardiovascular Surgery
5Saglik Bilimleri University Izmir Tepecik Education and Research Hospital Department of Pediatric Emergency

72: Is there any difference between preoperative variables of patients with type 1 acute aortic dissection operated on day time working hours or night shifts/weekend shifts?
O. Gokalp1, L. Yilik1, Y. Besir2, E. K araagac2, Y. Gokkurt3, H. Iner1, N. Yesilkaya4, H. Durmaz3, S. Iscan4, G. Gokalp5, A. Gurbuz1
1Izmir Katip Celebi University Faculty of Medicine Department of Cardiovascular Surgery, Turkey
2Izmir Katip Celebi University Ataturk Education and Research Hospital Department of Cardiovascular Surgery, Turkey
3Adiyaman Education and Research Hospital Department of Cardiovascular Surgery, Turkey
4Ankara University Faculty of Medicine Department of Cardiovascular Surgery, Turkey
5Saglik Bilimleri University Izmir Tepecik Education and Research Hospital Department of Pediatric Emergency, Turkey

86: Is there any advantage of initiating cardiopulmonary bypass before sternotomy in redo cardiac surgery?
I. Peker1, O. Gokalp2, Y. Besir2, L. Yilik2, H. Iner3, N. Yesilkaya4, S. Iscan5, A. Gurbuz1
1Mardin State Hospital, Department of Cardiovascular Surgery, Turkey
2Izmir Katip Celebi University Faculty of Medicine Department of Cardiovascular Surgery, Turkey
3Adiyaman Education and Research Hospital Department of Cardiovascular Surgery, Turkey
4Ankara University Faculty of Medicine Department of Cardiovascular Surgery, Turkey
5Izmir Katip Celebi University Ataturk Education and Research Hospital Department of Cardiovascular Surgery, Turkey

85: Comparison of pre operative variables of patients under going redo cardiac surgery with or without femoral cannulation before sternotomy
I. Peker1, O. Gokalp2, Y. Besir2, L. Yilik2, H. Iner3, N. Yesilkaya4, S. Iscan5, A. Gurbuz1
1Mardin State Hospital, Department of Cardiovascular Surgery, Turkey
2Izmir Katip Celebi University Faculty of Medicine Department of Cardiovascular Surgery, Turkey
3Adiyaman Education and Research Hospital Department of Cardiovascular Surgery, Turkey
4Ankara University Faculty of Medicine Department of Cardiovascular Surgery, Turkey
5Izmir Katip Celebi University Ataturk Education and Research Hospital Department of Cardiovascular Surgery, Turkey

105: Endovascular Treatment in Hybrid Operating Room Conditions in a Patient with Iliac Artery Stenosis and Superficial Femoral Artery Occlusion: A Case Report
B. Eygi, S. Iscan, O. Gokalp, Y. Besir, K. Donmez, H. Iner, N. Yesilkaya, L. Yilik, A. Gürbüz
Department of Cardiovascular Surgery, Katip Celebi University Ataturk Education and Training Hospital, Turkey

140: A meta-analysis of residual pulmonary hypertension outcomes in patients undergoing pulmonary endarterectomy
W. C hsieh1, 2, P. Jansa3, W. C Huang3, 4, 5, N. Matus6, J. Lindner6
1First Faculty of Medicine, Charles University, Prague, Czech Republic
2Pulmonary hypertension center, 2nd internal clinic, General University Hospital in Prague, First Faculty of Medicine, Charles University
3Critical Care and Cardiovascular Medical Center, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan
4College of Medicine, National Yang-Ming University, Taipei, Taiwan
5Department of Physical Therapy, Fooyin University, Kaohsiung, Taiwan
62nd Department of Cardiovascular Surgery, First Faculty of Medicine, Charles University and General University Hospital in Prague, Prague, Czech Republic

296: Gingivitis in various degenerative cardio-surgical diseases
P. Hernandez-Frances1, A. Hurle1, C. Vaquero-Puerta3, R. Martinez-Sanz2
1Hospital de Alicante, Spain
2Hospital Universitario de Canarias-Universidad de La Laguna, Spain
3Hospital Universitario de Valladolid-Universidad de Valladolid, Spain
277: Periodontitis in degenerative and non-degenerative cardio-surgical pathology
P. Hernandez-Frances1, A. Hurle1, C. Vaquero-Puerta1, R. Martinez-Sanz2
1Hospital de Alicante, Spain
2Hospital Universitario de Canarias-Universidad de La Laguna, Spain
3Hospital Universitario de Valladolid-Universidad de Valladolid, Spain

168: Aneurysm of the left main coronary artery – case report
R. Iliev, K. Dimov, G. Nachev
Department of cardiac surgery, «St. Ekaterina» University Hospital, Bulgaria

381: Surgical Correction Of A Rare Case Of Aortic Arch Dextraposition With Aneurismatic Dilatation Causing Dysphagia
M. Kalejs1,2, R. Benetis3, M. Jagmanis1, I. Breces1,4, P. Stradins1,4
1Latvian Centre of Cardiology, Pauls Stradins Clinical University hospital, Riga, Latvia
2Laboratory of Biomechanics, Riga Stradins University, Riga, Latvia
3Clinic of Cardio-thoracic and vascular surgery, Lithuanian University of Health Sciences, Kaunas, Lithuania
4Department of Surgery, Riga Stradins University, Riga, Latvia

368: Replace or not-replace aortic Sinus portion in ascending aorta aneurysm; comparison of Bentall operation versus ascending aorta and aortic valve replacement.
B. Kazemborji1, M. Pourmojib1, T. Babaei2, Y. Rezaei1, S. Hosseini1
1Heart Valve Disease Research Center, Rajaie Cardiovascular Medical and Research Center, Iran University of Medical Sciences, Iran
2Department of Cardiac Anesthesiology, Rajaie Cardiovascular, Medical and Research Center, Iran University of Medical Sciences, Iran

336: Mitral Valve Repair- three most chllenging cases.how I managed
M. Lansakara1, S. Aluvihare2, S.D Wijesinghe3
1MRCS (UK), Sri Lanka
2MD (Colombo), Sri Lanka
3MBBS (Galle), Sri Lanka

121: Pre-And Postcondition Of Coronary Artery And Myocardium For Isolated Mitral Valve Replacement
I. Leoshko, B. Gumenyuk, V. Popov, A. Gurtovenko
National Amosov Institute of Cardiovascular surgery, Ukraine

120: Mitral Valve Replacement Without Usage Of Donor Blood
I. Leoshko, B. Gumenyuk, V. Popov
National Institute of Cardiovascular Surgery named after Amosov, Kiev

229: A new training method to improve deep microsurgical skills in coronary surgery.
R. Akchurin, A. Shiryaev, D. Galyautdinov, V. Vasiliev, R. Latypov, P. Lepilin
Russian National Medical Research Center of Cardiology, Russia

339: Ligature of left main after coronary surgery in Kawasaki´s disease.
L. Varela, J. López-Menéndez, E. Fajardo, A. Redondo, J. Miguelena, M. Martín,
Cardiac Surgery Department, Ramon y Cajal Hospital, Spain

374: A systematic Review: Are Outcomes of Aortic Valve Repair ‘A Beneficial alternative for patients of Aortic Valve Insufficiency?
S. Malik
Örebro University, Sweden

135: Surgical treatment of the right ventricular outflow tract pseudoaneurysm after the cyanotic congenital heart defects complete repair.
D. Kovalev1, V. Podzolkov1, M. Chiarelli1, I. Yurlov1, V. Samsonov1, T. Danilov1, M. Pursanov2, T. Mataeva1, V. Mataev3
1Department for surgery in older children with congenital heart disease, Bakoulev Scientific Centre for Cardiovascular Surgery, Russian Federation
2Department of endovascular surgery, Bakoulev Scientific Centre for Cardiovascular Surgery, Russian Federation
3Department of radiology, Bakoulev Scientific Centre for Cardiovascular Surgery, Russian Federation
212: Massive spontaneous intracardial and intraaortal thrombi during heart surgery combined with intrathoracic goiter resection - a rare case of disseminated intravascular coagulation
Department of Thoracic and Cardiovascular Surgery, University of Wuerzburg, Germany

152: pregnant woman with secundum atrial septal defect: report of a case
S. Shahghembali, A. Fotoohi, M. Naghshbandi, M. Naghshbandi, M. Naghshbandi, S. Naghshbandi
1. Department of Obstetrics and Gynecology, Faculty of Medicine, Kurdistan University of Medical Sciences, Iran
2. Student Research Committee, Kurdistan University of Medical Sciences, Iran
3. Shaheed Rajaei Heart Center, Iran University of Medical Sciences, Iran
4. Student Research Committee, Iran University of Medical Sciences, Iran
5. Beheshti University of Medical Sciences, Iran

150: Bilateral IMA-CABG grafting through the left thoracotomy: the first year experience
Department of Cardiovascular Surgery, First St. Petersburg State I. Pavlov Medical University, Russian Federation

373: Bare metal stent size: correlations with coronary stent restenosis
I. Droc, D. Nita
Chiriac Liviu, Central Military hospital, Cardiology II department, Romania

24: Sternal wound infections after cardiac surgery: a single center experience
A. Abdurakhmanov, M. Obeid
Department of Cardiac Surgery, Republican Research Center for Emergency Medicine, Uzbekistan

23: Intraoperative Aortic Dissection During Off-pump Coronary Artery Bypass Surgery
A. Abdurakhmanov, M. Obeid
Department of Cardiac Surgery, Republican Research Center for Emergency Medicine, Uzbekistan

20: Acute Type A Aortic Dissection During Elective cardiac surgery: A Case Report
A. Abdurakhmanov, M. Obeid
Department of Cardiac Surgery, Republican Research Center for Emergency Medicine, Uzbekistan

88: In Situ Bilateral Internal Thoracic Arteries length Optimization during Off Pump Coronary Artery Bypass Grafting Surgery
1. Department of Cardiac Surgery, Saud Al- Babtain Cardiac Center (SBCC), Saudi Arabia
2. Department of Cardiothoracic Surgery, Faculty of medicine, Tanta University, Egypt
3. Department of Anaesthesia SBCC, Saudi Arabia
4. Department of Cardiology, SBCC, Saudi Arabia

211: Continuous renal replacement therapy with cytokine-adsorbing hemofilters for the treatment of suspected autoimmune Myocarditis
1. Intensive Care Unit, Zan Mitrev Clinic, the Republic of Macedonia;
2. Department of Cardiology, Zan Mitrev Clinic, the Republic of Macedonia;
3. Department of semi Intensive Care Unit, Zan Mitrev Clinic, the Republic of Macedonia
4. Department of Cardiovascular Surgery, Zan Mitrev Clinic, the Republic of Macedonia

324: Comparative characteristics of the incidence of pericardial effusion in Ukraine over the past 30 years.
V. Popov, V. Telepov, E. Rudenko, I. Leoshko
National Institute of Cardiovascular Surgery name of N.M. Amosov of the National Academy of Sciences of Ukraine

156: Early outcome of intensive continuous hemofiltration for severe renal failure after cardiac surgery
E. Prifti, A. Ibrahimimi, K. Mekshi, E. Bejko, S. Llazo, S. Kuci
Division of Cardiac Surgery, University Hospital Center of Tirana, Albania
220: Mitral valve replacement with small cavity of left ventricle: IS MISSMATCH REALITY?
Co-authors: V. Popov, K. Puksas, S. Adrievskaya
National Institute of cardio-vascular diseases named after Amosov, Ukraine

196: Polyglycolic acid sheet with attached fibrin glue application for right atrial rupture after blunt chest injury
Department of Thoracic and Cardiovascular Surgery, Kangwon National University Hospital, Kangwon National University School of Medicine, Republic of Korea

130: The course of the early postoperative period in cardiosurgical patients with decreased ejection fraction of the left ventricle
I. Sagatov, O. Taimanuly, A. Y. Ualiyeva, K. O. Ongarbayev
National Scientific Center of Surgery named after A.N. Syzganov, Kazakhstan

396: Stenosis of all pulmonary veins. What are the reasons and what should be done?
O. Sapelnikov, E. Merkulov, E. Vlasova, D. Cherkashin, I. Grishin, O. Nikolaeva, D. Ardus, R. Akchurin
Russian Cardiology Research and Production Complex, Ministry of Health Care of Russian Federation, Russia

375: Main pulmonary artery aneurysm secondary to pulmonary valve stenosis and jet lesion.
A case report
V. Soldea, V. Guillou, C. Aludaat, F. Bouchart, F. Doguet
Service de Chirurgie Cardio-Vasculaire et Thoracique CHU Rouen, France

56: Case Report of Anticoagulation in a Bioprosthetic Valve with Signs of Early Failure
E. Walsh, V. B. Blaskovich, A. Weeks, N. Desal, J. Bavaria
University of Pennsylvania, USA

129: Clinical surgical experiences of cardiac operation concomitant with extra-anatomic bypass for complex aortic coarctation
Y. Xue, Q. Zhou, D. Wang
Cardiothoracic surgery department of Nanjing Drum Tower Hospital, China

87: Local preparation of Skeletonized Internal Mammary Artery in Coronary Artery Bypass Grafting Surgery made easy
I. Yassini1,2, E. M. Oueida1, H. Al-Taheer1, S. K. Al-Nosair1, M. AlRefai1, K. A. Eskander1
1 Department of cardiac surgery, Saud Al- Babbain Cardiac Center (SBCC), Saudi Arabia
2 Department of Cardiothoracic Surgery, Faculty of medicine, Tanta University, Egypt
3 Department of Anaesthesia SBCC, Saudi Arabia
4 Department of Cardiology, SBCC, Saudi Arabia

403: Management of Behçet’s aortitis A Tunisian-single-center experience
Department of cardio-thoracic surgery

404: Surgery for an Isolated Huge Coronary Artery Aneurysm in a Patient with Behcet’s Disease: Case Report and Review of the Literature
M. Gueldich, H. Benjemâa, A. Damak, A. Jemel, I. Frikha
Habib Bourguiba university hospital, Tunisia

26: Surgical treatment of concomitant carotid and coronary artery stenosis.
A. Abdurakhmanov1, M. Obeid1, O. Mashrapov1, S. Sabirov1, N. Sultanov2, B. Hamidov2, N. Ddamyantz1, N. Rahimov1
1 Department of Cardiac Surgery, Republican Research Center for Emergency Medicine, Uzbekistan
2 Department of Vascular Surgery, Republican Research Center for Emergency Medicine, Uzbekistan
3 Department of Radiology and Ultrasound Diagnostics, Republican Research Center for Emergency Medicine, Uzbekistan

234: Infective endocarditis associated with spondyloarthritis -our expiriance in 3 cases
Mikic Aleksandar1,2, Karamarkovic Nemanja1, Samanovic Marko1, Terzic Dusko1
1 Department for cardiac surgery, Clinical Center of Serbia, Serbia
2 University of Belgrade, Medical faculty, Serbia

237: The arteriovenous hemangioma of the right ventricle.
A. Aleksandar Dj. Mikic1,2, Karamarkovic A. Nemanja1, Milos D. Matkovic1, Svetozar M. Putnik and Biljana B. Obrenovic-Kircanski1,2,3
1 Department of Cardiac Surgery, Clinical Center of Serbia, Serbia
2 Faculty of medicine, University of Belgrade, Serbia
3 Department of Cardiology, Clinical Center of Serbia, Serbia
**FRIDAY APRIL 13 2018**

**LUNCHTIME SYMPOSIUM ORGANISED BY ATRICURE **

Room 2: Alsace

Evolving Concepts in Hybrid Ablation

*Sacha P. Salzberg (Switzerland)*

*Piotr Suwalski (Poland)*

*Konstantinos Zanni (France)*

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**SATURDAY APRIL 14 2018**

**DRY LAB ORGANISED BY TERUMO**

Room 4: Colmar

Terumo Hands-on Dry Lab session – Ozaki AVNeo™ Sizer System

*S. Ozaki (Japan)*

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**LUNCH TIME SYMPOSIUM ORGANISED BY EDWARDS LIFESCIENCES**

Room 1: France

Better understanding for improved surgical AVR therapies

*Chair: Thierry Bourguignon*

- Towards a newer definition of structural valve degeneration?
  *Thomas Senage (France)*

- Determinants of tissue calcification: new research with Resilia Tissue
  *Bart Meuris (Belgium)*

- New INSPIRIS RESILIA aortic valve: early experience and future programs
  *Thierry Bourguignon (France)*
EXHIBITION MAP

MAIN ENTRANCE

ESCVS REGISTRATION

SPEAKER LOUNGE

CLOAK ROOM

ROOM 4: COLMAR

ROOM 3: STRASBOURG

ROOM 2: ALSACE

ROOM 1: FRANCE

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## EXHIBITOR STANDS

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<td>Edwards Lifesciences</td>
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<td>GETINGE * Passion for Life</td>
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SPONSOR DESCRIPTION

At Abbott, we’re committed to helping people live their best possible life through the power of health. For more than 125 years, we’ve brought new products and technologies to the world -- in nutrition, diagnostics, medical devices and branded generic pharmaceuticals -- that create more possibilities for more people at all stages of life. Today, 94,000 of us are working to help people live not just longer, but better, in the more than 150 countries we serve.

AtriCure, Inc. is a medical device company that provides innovative solutions designed to decrease the global Afib epidemic. AtriCure's Isolator® Synergy™ Ablation System is the first and only surgical device approved for the treatment of persistent and longstanding persistent forms of Afib in patients undergoing certain open concomitant procedures. AtriCure's AtriClip® Left Atrial Appendage Management (LAAM) exclusion device is the most widely sold device worldwide that is indicated for the occlusion of the left atrial appendage.

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Terumo Cardiovascular EMEA (Europe, Middle East and Africa) is an integral part of the Terumo’s family of cardiovascular businesses and is committed to developing innovative technologies for the treatment of cardiovascular disease. Terumo provides products and services such as Terumo Beating Heart and Surgical Stabilization products for on- & off-pump procedures, Ozaki AVNeo™ Sizer System for aortic valve reconstruction surgery, VirtuoSaph Plus® Endoscopic Vessel Harvesting System (Radial and Vein), Capiox® Oxygenators, customized Tubing Sets, Pall® filter brand products and CDI™ 500 Blood Parameter Monitoring System. Learn more about Terumo’s products and visit us at our booth!

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GENERAL INFORMATION

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• Reduced workshop fees
• Right to take part and vote during the annual ESCVS General Assembly
• Participation in the future ESCVS trials
• Easy access to network of professional knowledge; unique opportunity to share experience with other cardiovascular and endovascular surgeons in Europe

CONGRESS VENUE

Hôtel du Département du Bas Rhin
Place du Quartier Blanc, 67964 Strasbourg, France

CONGRESS DATES

12 – 14 April 2018

TIMETABLE

REGISTRATION & SPEAKER PREVIEW

Thursday, April 12th, 2018 13:00 – 18:00
Friday, April 13th, 2018 07:30 – 18:00
Saturday, April 14th, 2018 07:30 – 18:00

INDUSTRY EXHIBITION

Friday, April 13th, 2018 08:00 – 18:00
Saturday, April 14th, 2018 08:00 – 16:30

INAUGURAL CEREMONY HÔTEL DE VILLE, STRASBOURG

Thursday, April 12th, 2018 19:00 – 20:30

CONGRESS DINNER MAISON KAMMERZELL

Friday, April 13th, 2018 19:30 – 23:00
GENERAL INFORMATION

LANGUAGE

English is the official language of the congress

ABSTRACTS

The congress abstracts will be published as an supplement of the Journal of Cardiovascular Surgery and will be available beginning of May 2018.

ACCREDITATION

The 67th International Congress of the European Society for Cardiovascular Endovascular Surgery, Strasbourg, France, 12/04/2018 - 14/04/2018 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME*) with 18 European CME credits (ECMEC*s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

“Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME* credits to an equivalent number of AMA PRA Category 1 CreditsTM. Information on the process to convert EACCME* credit to AMA credit can be found at www.ama-assn.org/education/earn-credit-participation-international-activities.

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OVERCOME
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Phone: +33 (0) 1 40 88 97 97

ACCOMMODATION

Rooms with preferential rates have been booked for participants near the congress venue.
Information on reservation: escvs-housing@overcome.eu

TRANSPORTATION

Attractive discounts on a wide range of airfares on all Air France and KLM flights worldwide*.

By plane:
Event: 67th International Congress of the European Society for Cardiovascular and Endovascular Surgery
Event ID: 32461AF – valid from 07/04/2018 to 20/04/2018
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History

The European Society of CardioVascular Surgery (ESCVS) was founded May 31st, 1951, in the city of Turin, Italy, with statutes in Strasbourg, France, under the name “Société Européenne de Chirurgie CardioVasculaire”. René Leriche was elected as president R. dos Santos as vice president, G. Arnulf as secretary-general and R. Riveaux as treasurer.

The founders and subscribers of these first statutes were 40 physicians representing 11 European countries. The first congress of the society was organized in Strasbourg (October 5-6, 1952).

Venue

Groningen (city centre)
The Netherlands

Local Organizing Committee

Prof.dr. C.J.A.M. Zeebregts, vascular surgeon, UMCG
Prof.dr. M.A. Mariani, cardiovascular surgeon, UMCG
Dr. M.J. van der Laan, vascular surgeon, UMCG
Dr. G. Mecozzi, cardiovascular surgeon, UMCG

Social events

Exciting events will take place during the Annual Meeting such as the Welcome Reception and the Annual Banquet.

Organizing secretariat

University Medical Center Groningen
Wenckebach Instituut, Postgraduate School of Medicine
Mr. Harry Gubbels
(e) paog@umcg.nl
(t) +31 (0)50 361 14 02
www.escvs2019.com
Our long experience with Carpentier-Edwards PERIMOUNT valve, our new experience with the INSPIRIS RESILIA Aortic Valve

In 1982, the department of cardiac surgery of Tours began to implant PERIMOUNT pericardial bioprostheses. At this time, minimal clinical data were available. First series of pericardial bioprostheses reported satisfying hemodynamics but also high rates of early deterioration. [1] However, pioneers like Pr Michel Marchand and Pr Michel Aupart, strongly believed in the unique design of the PERIMOUNT valve and continue their experience. More than 30 years later, our team generated massive clinical data both in the elderly and young patients, both in aortic and mitral position. [2] In younger patients, bioprosthesis durability remains the main issue and we are convinced that much improvement can still be done. We recently started our experience with INSPIRIS RESILIA aortic valve. This thoughtful decision was based on strong in vitro and in vivo preclinical data, [3] demonstrating significantly improved durability compared with standard PERIMOUNT valves. Given the fact that most of current bioprostheses last at least ten years, preclinical data and especially randomized animal studies, are of paramount importance. These are the necessary conditions to conciliate technical innovation and principle of precaution. We are obviously aware that a very-long term follow-up will be needed before asserting the improved durability of INSPIRIS RESILIA aortic valves with full certainty.

Les informations présentées ne sont pas destinées aux professionnels de santé exerçant en France.


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