Wednesday, May 22, 2019

19:00 - 20:00

Opening Ceremony in the Aula of the Academy Building

20:00 - 21:30

Reception at the Academy Building
This reception is offered to you by the University of Groningen, the Municipality of Groningen and the Province of Groningen.
**CARDIAC YOUNG SURGEON AWARD SESSION**

**Room 1**

**Chairman:** T. Folliguet (France)

**Jury:** E. Demirsoy (Turkey), G. Gerosa (France)

1. Which are the best scores for prediction of severe bleeding after coronary artery bypass surgery? A. Salsano (Italy)
2. Thoracoscopic left atrial posterior box isolation in patients with long standing persistent atrial fibrillation D. Borisov (Russian Federation)
3. Development of a visualization module for image-based preoperative mitral valve assessment A.H.F. Woltersom (Poland)
4. Ten years uk experience in survival for surgical tavi approaches F. D’Auria (Italy)
5. Long-term follow-up of 111 minimally-invasive left ventricular assist device implantations: a single centre experience S. Mariani (Germany)
6. Minimally invasive surgery for adult patients with congenital heart disease: the dutch experience M. Zegel (The Netherlands)
7. Midterm valve stability after valve sparing aortic root replacement: bicuspid aortic and tricuspid valve comparison L. Camilleri (France)

08:00 - 09:30

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**VASCULAR ABSTRACTS SESSION 1: VEINS**

**Room 2**

**Moderators:** A. Tournicourt (Belgium), B. Wallis de Vries (The Netherlands)

**Keynote Lecture:** Treatment of obstructive disease in pelvic congestion syndrome patients M. Wikkeling (The Netherlands)

1. Distribution patterns of primary superficial venous insufficiency: latent class analysis application in a cross-sectional study D. Tureli (Turkey)
2. Prevalence and risk factors of chronic venous disease of lower limbs in thai female workers C. Wilasrusmee (Thailand)
3. A new perspective of oral anticoagulation; new generation anticoagulation therapy B. Eygi (Turkey)
4. Possibilities of duplex ultrasound scanning in diagnostics of microcirculatory disorders in patients with varicose disease N.D. Mzhavanadze (Russian Federation)
5. Different modalities for management of primary varicose veins in females: is long term followup important A. Mousa (Egypt)
6. An exceptional complication after radiofrequency varicose vein surgery: guide wire migration D. Adodo (France)
7. Endoscopic versus open saphenous vein graft harvest for lower extremity femoro-popliteal bypass E. Biros (Czech Republic)
8. New technique for the treatment of chronic venous occlusions E.L. Kalmykov (Germany)

08:00 - 09:30

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**WORKSHOP: Industry**

**Room 3**

**Course directors:** M. van der Laan (The Netherlands), B. Saleem (The Netherlands)
CARDIAC ABSTRACTS SESSION 1: CORONARY REVASCULARIZATION

**Moderators:** N. Bonaros (Austria), J.M. Hartman (The Netherlands)

**Keynote Lecture:** Minimally invasive coronary surgery: techniques and evidence

**Keynote Lecture:** Surgical Myocardial Infarction Registry

1. Coronary artery bypass grafting in patients with cardiogenic shock
   - O.J. Liakopoulos (Germany)
2. Long-term outcomes of syntax score impact on coronary artery bypass grafting for coronary artery disease
   - M. Aksut (Turkey)
3. Improvement of myocardial activity after off pump coronary artery bypass grafting assessed by speckle tracking
   - F. D’Auria (Italy)
4. Vein-grafts selective cardioplegia and reperfusion enhance early recovery in patients with LV depression undergoing CABG
   - P. Totaro (Italy)
5. Intraoperative transit-time flow measurement in CABG: insights from the registry for quality assessment (request) study
   - D. Wendt (Germany)
   - A. Frolov (Russian Federation)

VASCULAR ABSTRACTS SESSION 2: THORACIC AORTA

**Moderators:** T. Akay (Turkey), W. Drouven (The Netherlands)

**Keynote Lecture:** Debranching of supra-aortic vessels and TEVAR in landing zones zero and one for complex thoracic aorta disease

1. Total arch debranching and endovascular repair in treatment of challenging thoracic aortic aneurysm
   - M. Sladojevic (Serbia)
2. Endovascular repair of aortic arch branch pathologies
   - P. Nana (Greece)
3. Axillary-carotid bypass with TEVAR for complex arch disease - traditional method to solve difficult problem
   - Q. Zhou (China)
4. Outcomes of left subclavian artery coverage by stentgraft with and without revascularization single centre experience
   - E. van der Weijde (The Netherlands)
5. Late open repair of aneurysmal evolution of complicated acute type-B dissection treated with TEVAR
   - G. Saviane (Italy)
6. Manipulating stent-graft configuration to diminish gutter area following chimney technique: an in vitro biomechanical study
   - Y. Zhao (China)
7. Wall shear stress assessment of the false lumen in ABAD visualized by 4d flow MRI
   - E.H. Pasveer (The Netherlands)
8. Increased oxidative stress in patients suffering of aortic dissection
   - J. Pincemail (Belgium)
### VASCULAR ABSTRACTS SESSION 3: VASCULAR BIOLOGY

**Moderators:** J.L. Hillebrands (*The Netherlands*), M. Dijkstra (*The Netherlands*)

**Keynote Lecture:** Role of the anti-ageing protein Klotho in vascular remodeling  
J.L. Hillebrands (*The Netherlands*)

1. **Time-dependent changes in atherosclerotic lesions after a neurological index event**  
J. Pauli, (*Germany*)

2. **Thrombin-antithrombin complex in patients with abdominal aortic aneurysm and peripheral arterial disease undergoing endovascular interventions**  
M. Juszynski (*Poland*)

3. **Specific hdl function modifications in patients with abdominal aortic aneurysm**  
J. Molacek (*Czech Republic*)

4. **Inguinal microbiome in patients undergoing an evar: application of next-generation sequencing and immunofluorescence**  
B.P. Vierhout (*The Netherlands*)

5. **Mitochondrial transplantation ameliorates acute limb ischemia**  
A. Orfany (*USA*)

6. **Adipose-derived stem cell application in the patients with critical limb ischemia**  
U. Cetingok (*Turkey*)

7. **Study of engineered vascular bioprostheses in bioreactor**  
P.F. Ferrari (*Italy*)

8. **Benefits of porcine xenodressings in a surgical reparative approach of chronic skin ulcers**  
A. Morgante (*Italy*)

#### 09:30 - 10.00  COFFEE BREAK & EXHIBITS

#### LERICHE LECTURE

**Introduction by:** M. Matsagkas (*Greece*)  
Role of old elephants in arterial surgery  
G. Deriu (*Italy*)

#### CARDIOVASCULAR INTERDISCIPLINARY SESSION

**Chairman:** T. Folliguet (*France*)

**Moderators:** M.A. Mariani (*The Netherlands*), V. Treska (*Czech Republic*), C. Zeebregts (*The Netherlands*)

1. **Arch aneurysms Chimney technology: patient selection and outcome**  
J. Brunkwall (*Germany*)

2. **Open aortic arch surgery: still the gold standard?**  
W. Morshuis (*The Netherlands*)

3. **Aortic arch repair in the endovascular era**  
R. Heijmen (*The Netherlands*)

4. **Immune cell heterogeneity in atherosclerosis**  
C. Monaco (*UK*)

5. **Aortic dissection type B: latest insights**  
J. de Bruin (*UK*)

6. **Treatment of complex aortic aneurysm with in situ laser fenestration of endoprostheses**  
P. Desgranges (*France*)

7. **Total rerouting of the aortic arch in high-risk patients**  
R. Haaverstad (*Norway*)

8. **Thoracic aortic surgery combining open with endovascular surgical techniques**  
H. Jakob (*Germany*)
12:30 - 13:00
ESCVS LIFETIME ACHIEVEMENT AWARD

Theatre Room

Introduction by: D. Palombo (Italy)
Innovation in vascular surgery

J.A. Parodi (Argentina)

13:00 - 14:00
LUNCH BREAK, EXHIBITS & INDUSTRY SPONSORED SYMPOSIA

INDUSTRY LUNCHETIME SYMPOSIUM
Room 10

INDUSTRY LUNCHTIME SYMPOSIUM
Room 11

INDUSTRY LUNCHTIME SYMPOSIUM
Room 12

14:00 - 16:00
CARDIAC SYMPOSIUM 1: MITRAL VALVE SURGERY

Springer Room

Moderators: O.R. Alfieri (Italy), T. de Kroon (The Netherlands)

1. Is open repair still the gold standard in mitral valve surgery? O.R. Alfieri (Italy)
2. The role of preoperative mitral imaging in surgical decision making F. Mahmood (USA)
3. Minimally invasive mitral valve surgery and the use of chordal loops J. Seeburger (Germany)
4. State-of-the-art in minimally invasive mitral valve repair T. De Kroon (The Netherlands)
5. Transcatheter treatment options for mitral valve disease P. Werner (Austria)
6. Assessment of the risk of mitral regurgitation based on structural mitral valve reserve K.R. Khabbaz (USA)

14:00 - 16:00
CARDIAC ABSTRACTS SESSION 2: RHYTHM SURGERY & MISCELLANEOUS

Room 5

Moderators: S. Benussi (Italy), Y. Blaauw (The Netherlands)

Keynote Lecture: AF ablation: where we came from and where we are heading S. Benussi (Italy)

1. Objective model for competency-based residency training in cardiac surgery A.M.A. Badreldin (Germany)
3. The clover technique for the treatment of complex severe tricuspid valve insufficiency V. Moscalu (Moldova)
4. Hedinger syndrome – first experience and 2-year follow-up in patients with carcinoid heart disease M. El Gabry (Germany)
5. Results of minimally invasive hybrid procedure for lone atrial fibrillation P. Gukop (UK)
6. Does the surgical technique for laa-closure affect clinical outcome in patients with preoperative atrial fibrillation? N. Mainhard (Germany)
7. Do patients with atrial fibrillation benefit from concomitant left atrial appendix closure during cardiac surgery? T. Kozmik (Germany)
8. Pulmonary vein ablation for prevention of atrial fibrillation after cabg (pulvab): early outcomes in rct V.A. Popov (Ukraine)
9. Infection risk index in cardiac surgery score, an improvement in estimating surgical site infection risk J. Bustamante Munguira (Spain)
10. Results of concomitant atrial fibrillation surgery: outcome of the surgical maze procedure P. Gukop (UK)
VASCULAR SYMPOSIUM 1: AAA REPAIR

**Moderators:** H. Jakob (Germany), I. Koncar (Serbia)
**Panelists:** S. Abisi (UK), W. Wisselink (The Netherlands), L. Davidovic (Serbia), A. Giannoukas (Greece), M. van Sambeek (The Netherlands)

**Short talks and panel discussion**
1. DREAM trial is from last decade, can we apply results to contemporary practice? J. de Bruin (UK)
2. AAAs 5.0-5.4 cm in diameter may need special attention and should not be considered small A. Giannoukas (Greece)
3. AAA guideline - ESVS, SVS or NICE - who to follow? M. van Sambeek (The Netherlands)
4. Rare categories of AAA: when I prefer open repair (inflammatory, horseshoe) L. Davidovic (Serbia)
5. Complex aorta aneurysms (FEVAR/BEVAR) in combination with covered stents S. Abisi (UK)

WORKSHOP: Industry

**Course directors:** W. Drouven (The Netherlands), J. Oldenziel (The Netherlands)

VASCULAR SYMPOSIUM 2: ESCVS & DUTCH SOCIETY FOR VASCULAR SURGERY JOINT SESSION

**Moderators:** M. Menologo (Italy), M. van der Laan (The Netherlands), P. Vriens (The Netherlands)

1. Who is the fool in the room? On health literacy and improving outcomes M. Voûte (The Netherlands)
2. 3D printing in complex vascular pathology T. Michiels (The Netherlands)
3. Clinical outcome measures to evaluate the results of drug eluting devices T. Fokkema (The Netherlands)
5. Evidence in your office W. v.d. Water (The Netherlands)
Thursday, May 23, 2019

VASCULAR SYMPOSIUM 3: VASCULAR GRAFT INFECTION

**Moderators:** N. Chakfe (France), B. Saleem (The Netherlands), M. Wouthuyzen-Bakker (The Netherlands)

1. Accuracy of current diagnostic imaging in patients with prosthetic graft infection  
   **B. Saleem (The Netherlands)**

2. Stents and graft infection in the supra-aortic trunks  
   **N. Chakfe (France)**

3. Infection of a vascular prosthetic graft in the thoracic aortic area  
   **V. Arakelyan (Russian Federation)**

4. Open repair of mycotic abdominal aneurysms with biological grafts  
   **C. Setacci (Italy)**

5. The role of antibiotics in prosthetic graft infection  
   **M. van Oosten (The Netherlands)**

16:00 – 17:00 COFFEE BREAK & EXHIBITS

CARDIAC SYMPOSIUM 2: RHYTHM SURGERY

**Moderators:** M.A. Mariani (The Netherlands), I.C. Van Gelder (The Netherlands)

1. Impact of current guidelines on clinical practice  
   **S. Benussi (Italy)**

2. Design of the CEASE-AF trial and results of the Stuttgart approach  
   **N. Doll (Germany)**

3. Single stage hybrid ablation  
   **M. La Meir (Belgium)**

4. State-of-the-art and future perspectives in catheter ablation  
   **L.V.A. Boersma (The Netherlands)**

5. The impact of concomitant ablation in cardiac surgery  
   **P. Suwalski (Poland)**

16:30 – 18:00

VASCULAR ABSTRACTS SESSION 4: PERI-OPERATIVE MANAGEMENT

**Moderators:** E. Arnaoutoglou (Greece), T. Scheeren (The Netherlands)

**Keynote Lecture:** What a vascular surgeon needs to know about perioperative management of DOACs  
**E. Arnaoutoglou (Greece)**

**Keynote Lecture:** Pre-operative coronary CT-Fractional Flow reserve (FFRct) evaluation may reduce risk of post-op MI/death  
**D. Krievins (Latvia)**

1. A case series about the changed antiplatelet protocol for carotid endarterectomy: more patients with complications?  
   **M.S. Marsman (The Netherlands)**

2. Interfascial plane blocks reduce morphine consumption in patients undergoing thoracic outlet decompression  
   **J. Goeteyn (The Netherlands)**

3. Enhanced recovery after surgery following elective surgery of abdominal aortic aneurysms: an Egyptian center experience  
   **A. Mousa (Egypt)**

4. Risk analysis of increasing in-hospital medical expenses in abdominal aortic aneurysm repair  
   **E. Umeda (Japan)**

5. Association between malnutrition and out-of-hospital mortality in vascular surgery patients  
   **G.C.I. von Meijenfeldt (The Netherlands)**

6. Short-term assessment of intrinsic coagulation factors and endothelial hemostatic markers in patients with peripheral atherosclerosis  
   **N.D. Mzhavanadze (Russian Federation)**

7. Regional oximetry changes after below the knee revascularization  
   **T. Baltrunas (Lithuania)**
### Vascular Abstracts Session 5: Miscellaneous

**Moderators:** A. Turiano (Italy), P. Vriens (The Netherlands)

**Keynote Lecture:** Legal and ethical dilemmas when treating a Jehovah witness

1. Vascular surgery patients at risk for malnutrition have an increased risk for postoperative complications
   - L.B.D. Banning (The Netherlands)
2. The effects of mental fatigue on surgical performance a systematic review
   - I.M. Reijmerink (The Netherlands)
3. Safety of absorbable wire in vascular suture
   - H. Barjoud (France)
4. Demographics and risk factors in patients with abdominal aortic aneurysm in three different geographic regions
   - E.L. Kalmykov (Germany)
5. Is there any correlation between atmospheric pressure and the incidence of abdominal aortic aneurysm rupture
   - S. Budinski (Serbia)
6. Further evidence on the relationship between abdominal aortic aneurysm and periodontitis
   - L. Salhi (Belgium)
7. Midterm outcomes of endovascular aneurysm sealing with parallel grafts: not a durable solution
   - K. Stenson (UK)

### Cardiac Abstracts Session 3: Mitral Valve Surgery

**Moderators:** O.R. Alfieri (Italy), I.J. den Hamer (The Netherlands)

**Keynote Lecture:** What is an optimal mitral valve repair?

1. Evaluating the impact of valve type choices on patients quality of life: a patients perspective
   - P. Gukop (UK)
2. The novel free margin running suture mitral valve repair technique: three-years follow-up
   - A. Agnino (Italy)
3. The mitral valve reconstruction by using pre-measured Gore-tex loops
   - G.V. Danilov (Russian Federation)
4. Mitral and tricuspid valve surgery in patients with ischemic versus non-ischemic functional regurgitation
   - V. Shumavets (Republic of Belarus)
5. Simplified artificial chordae implantation technique facilitates mitral valve repair: a two-year single surgeon experience
   - S.E. Shehada (Germany)
6. Prospective study of patients with moderate ischemic mitral regurgitation, management strategies and outcome
   - A.P. Rajakumar (India)
7. Risk assessment of mitral regurgitation in non-regurgitant mitral valves based on structural mitral valve reserve
   - A. Khamooshian (The Netherlands)
**BEST CARDIAC POSTER SESSION**

**Moderators:** M.E. Erasmus (The Netherlands), M. Thielmann (Germany)

| 1. | The efficacy of box lesion+ procedure in patients with atrial fibrillation: three year follow-up results | O.V. Sapelnikov (Russian Federation) |
| 2. | Risk stratification of patients with reduced ejection fraction. Biomarker of cardiac remodeling and injury | V. Shumavets (Republic of Belarus) |
| 3. | Probe-design: heart rehabilitation in patients awaiting open-heart surgery preventing complications and improving quality of life | J. Hartog (The Netherlands) |
| 4. | From waiting to training: feasibility of pre- and postoperative rehabilitation for cardiac surgery patients | S. Dijkstra (The Netherlands) |
| 5. | Early and long-term efficacy of mitral and tricuspid valve repair for functional ischemic regurgitation | V. Shumavets (Republic of Belarus) |
| 6. | Different right heart remodeling patterns in isolated tricuspid valvular surgery | Y. Liu (China) |
| 7. | Comparison of myocardial protection for del nido cardioplegia undergoing minimal invasive mitral valve replacement surgery | V. Devenraj (Republic of Belarus) |
| 8. | Vascular complications after tavi in the era of miniaturized systems | Q. Langouet (France) |
| 9. | Lvd implantation in aneurysmally changed heart ventricles | D. Terzic (Serbia) |
| 10. | Staged repair of chronic dissecting aneurysm using two elephant trunks with extending to loop graft | C.H. Park (South-Korea) |
| 11. | Perspectives and limitations of isolated tevar for the ascending aorta as cases-based clinical practice | R. Radysh (Germany) |
| 12. | Elastin-based and collagen-based mechanical properties of aortic wall in patients with aortic aneurysm | E. Cuko (Italy) |
| 13. | Effectiveness of prosthesis valve replacement in patients with aortic stenosis: a systematic review and meta-analysis | S. Salahia (Egypt) |
| 14. | Minimally invasive avr via upper mini-sternotomy using conventional instruments and cpb circuits - aasim’s techniques | M. Aasim (Pakistan) |
| 15. | Reconstruction of bicuspid pulmonary valve in tetralogy of fallot surgery | S.A. Musayev (Azerbaijan) |
| 16. | Long-term outcomes of valve repair versus replacement in isolated and concomitant tricuspid surgery | W.K. Wong (Taiwan) |
| 17. | Modified arch replacement and frozen elephant trunk for type a aortic dissection | D. Wang (China) |
| 18. | Aortic valve construction, early results – single surgeon experience | J. Benedik (Germany) |

**VASCULAR YOUNG SURGEON AWARD SESSION**

**Chairman:** L. Davidovic (Serbia)

**Jury:** F. Grego (Italy), M. Matsagkas (Greece), D. Palombo (Italy), V. Treska (Czech Republic), M. van der Laan (The Netherlands)

<p>| 1. | Immediate post-operative outcomes in hemiarch versus total arch replacement in type a acute aortic dissection | S. Aprilia (Indonesia) |
| 2. | Carbon-dioxide flushing versus saline flushing of thoracic aortic stents to reduce vascular brain infarcts | L. Hanna (UK) |
| 3. | The fenestrated anaconda™ for treatment of complex aortic abdominal aneurysms: an international, multicenter analysis | A. de Niet (The Netherlands) |
| 4. | Treatment options of spontaneous dissection of visceral arteries | P. Nana (Greece) |
| 5. | The vent technique using ovation stent-graft for juxtarenal aneurysms | M. Mele (Italy) |</p>
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<tr>
<th>Time</th>
<th>Session</th>
<th>Presenters</th>
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<tr>
<td>17:00</td>
<td><strong>Open surgical conversion (O.S.C.) After endovascular aortic repair (E.V.A.R.): A six-year report</strong></td>
<td>G.A. Boschetti, (Italy)</td>
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<td>18:30</td>
<td><strong>Good survival and ambulatory state after ruptured aneurysm repair in octogenarians</strong></td>
<td>L.C. Roosendaal (The Netherlands)</td>
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<td><strong>The indigo system in acute lower limb malperfusion (indian registry): preliminary analysis of acute outcomes</strong></td>
<td>E. Pasqui (Italy)</td>
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<td><strong>The application of microbubbles and ultrasound-accelerated thrombolysis (must) for peripheral arterial occlusions</strong></td>
<td>S.A.N. Doelare (The Netherlands)</td>
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<td><strong>BEST VASCULAR POSTER SESSION</strong></td>
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<td><strong>Foyer -Digital Units</strong></td>
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<td><strong>Moderators: A. Giannoukas (Greece), N. Jakovljevic (Serbia), M. Planinc (Croatia)</strong></td>
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<td>17:00</td>
<td><strong>Surgical tactics at patients with takayasu disease of extracranial vessels</strong></td>
<td>V.E. Tsay (Uzbekistan)</td>
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<td>18:30</td>
<td><strong>The estimated initial warfarin dose calculated by pharmacogenetic-guided algorithms was lower than actual initial dose</strong></td>
<td>K.H. Son (South-Korea)</td>
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<td><strong>Interim results of thoracic endo-vascular aortic repair in trauma patients</strong></td>
<td>W.Y. Lee (South-Korea)</td>
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<td><strong>Midterm outcomes of endovascular aneurysm sealing: migration &amp; sac expansion as modes of graft failure</strong></td>
<td>K. Stenson (UK)</td>
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<td><strong>Post coarctation aneurysms of aorta: frequency, methods and result of treatment</strong></td>
<td>Y.M. Tarasenko (Ukraine)</td>
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<td><strong>Acute venous thrombosis of right lower extremity</strong></td>
<td>K. Ergunes (Turkey)</td>
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<td><strong>Gender impact on survival after major lower limb amputation</strong></td>
<td>T. Baltrunas (Lithuania)</td>
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<td><strong>Mycotic abdominal aortic and iliac aneurysm caused by streptococcus equi subspecies zooepidemicus bacteremia</strong></td>
<td>A. Madani (The Netherlands)</td>
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<td><strong>The impact of supra or infrarenal fixation on renal function following evar</strong></td>
<td>E.M. San Norberto (Spain)</td>
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<td><strong>Changes in the surgical strategy for mycotic thoracic aortic aneurysms</strong></td>
<td>S. Yamashiro (Japan)</td>
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<td><strong>Left subclavian artery re-routing for hybrid repair of acute non-a non-b aortic dissection</strong></td>
<td>K.H. Kim (South-Korea)</td>
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<td><strong>Ascending aortic aneurysm and coarctaction, mini bentall technique and tevar with gore c tag endograft</strong></td>
<td>E. Gatta (Italy)</td>
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<td><strong>The reliability of peripheral arterial disease clinical findings in end-stage renal disease patients on hemodialysis</strong></td>
<td>R. Asceric (Serbia)</td>
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<td><strong>Hybrid image fusion, to fuse or not to fuse?</strong></td>
<td>S.P.M. Smorenburg (The Netherlands)</td>
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<td><strong>The results of ‘basex’ prostheses in vascular surgery (results of 4825 operations)</strong></td>
<td>A. Abdulgasanov (Russian Federation)</td>
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<td><strong>Hybrid techniques in aortic arch surgery</strong></td>
<td>G. Tinica (Romania)</td>
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<td><strong>Femoral artery reconstruction using spiral vein interposition graft</strong></td>
<td>V. Devenraj (India)</td>
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<td><strong>Endograft conformatbility in fenestrated aortic endovascular aneurysm repair</strong></td>
<td>A. de Niet (The Netherlands)</td>
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**ADJOURN**
### CARDIAC ABSTRACTS SESSION 4: TAVI

**Moderators:** M. Kofler (Germany), M. Thielmann (Germany)

**Keynote Lecture:** TAVI update 2019  
M. Thielmann (Germany)

1. Redo surgery versus femoral transcatheter valve-in-valve implantation for degenerated aortic bioprosthesis  
T. Stankowski, (Germany)

2. Transapical tavi in patients with complex aortic pathologies  
M.E. Stelzmueller, (Austria)

3. Rescue procedures for tavi: reducing time to sternotomy using checklist and actions  
N.F. Bayard (France)

4. Transcarotid access, an alternative approach for transcatheter aortic valve implantation: multicenter experience in france  
A. Fiore (France)

5. Trans-apical transcatheter aortic valve replacement in complex aortic valve disease with j-valve system  
Y. Xue (China)

6. The clinical relevance of transvalvular gradient on nyha classification after transcatheter aortic valve-in-valve implantation  
F. Seifi Zinab (Germany)

7. Transcatheter aortic valve replacement in patients with concomitant oncological pathology  
P. Lepilin (Russian Federation)

### VASCULAR: MEET THE EXPERTS

**Moderator:** M. Matsagkas (Greece)

**Panelists:** R. Geelkerken (The Netherlands), M. Ionac (Romania), I. Koncar (Serbia)

**Presenters:** M. Sladojevic (Serbia), W. Drouven (The Netherlands), M. Menologo (Italy), G. von Meijenfeldt (The Netherlands), P. Nana (Greece)

**Case discussions:** Presentations of controversial special cases with experts giving their view

### WORKSHOP: INDUSTRY

**Course directors:** B. Saleem (The Netherlands), M. van Sambeek (The Netherlands)

### CARDIAC ABSTRACTS SESSION 5: MECHANICAL SUPPORT & TRANSPLANTATION

**Moderators:** M. Kuipers (The Netherlands), D. Wiedemann (Austria)

**Keynote Lecture:** Minimally invasive LVAD implantation: from technique to evidence  
D. Wiedemann (Austria)  
G. Pisani (Italy)

1. From the pioneering to the modern era: evolution of heart transplant through the last 30-years  
R.A. Arévalo-Abascal (Spain)  
F. Fan (China)

2. Determinants of clinical success in cardio-respiratory support with extracorporeal membrane oxygenation in different clinical scenarios  
E. Cuko (Italy)  
D. Naik (India)

3. Clinical outcome of postoperative extracorporeal membrane oxygenation support in stanford type a aortic dissection  
N. Yilmaz (Switzerland)  
J. Schurr (USA)
CARDIOVASCULAR CINEMA

Presenters: S. Prasad (India), P. Nana (Greece)

Video and presentations of the worst cases or complications occurred

08:00 – 09:30

VASCULAR ABSTRACTS SESSION 6: CAROTIDS

Moderators: F. Grego (Italy), U. Bracale (Italy)

Keynote Lecture: Early outcomes of routine delayed shunting in carotid endarterectomy for asymptomatic patients

- Family history and polygenic risk of cardiovascular disease: independent factors associated to secondary cardiovascular outcome
- Correlation between intraplaque hemorrhage and new silent brain ischemia prior to carotid endarterectomy
- Analysis of the carotid artery and atherosclerotic plaque growth using the patient-specific parameters
- Simultaneous coronary artery bypass grafting and carotid endarterectomy: decision making, results
- Early carotid endarterectomy after acute neurological deficit improves neurological recovery
- Impact of diabetes mellitus on early outcome of carotid endarterectomy
- Clinical outcomes after carotid endarterectomy in presence of contralateral carotid occlusion
- Workflow for blood flow studies in patient-specific carotid artery aneurysms

08:00 – 09:30

VASCULAR ABSTRACTS SESSION 7: ENDOVASCULAR PROCEDURES

Moderators: D. Krievis (Latvia), B. Wallis de Vries (The Netherlands)

Keynote Lecture: Long-term results of endovascular popliteal artery aneurysm repair

- Double homemade fenestrated stent graft for total endovascular aortic arch repair
- Treatment of aortic dissection type b involving aberrant right subclavian artery using fenestration technique
- Geometrical changes over time in bridging stents after branched and fenestrated endovascular repair for taaa
- Outcome of percutaneous versus open cut-down in evar: a review and a multicenter clinical trial
- Incidence, natural course and outcome of type ii endoleaks in infra-renal evar, the engage registry
- An alternative way to treat iliac aneurysm
- Results of covered endovascular reconstruction of aortic bifurcation (cerab)

09:30 – 10.00 COFFEE BREAK & EXHIBITS
<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
<th>Room/Location</th>
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<tbody>
<tr>
<td>10:00</td>
<td>CARDIAC SYMPOSIUM 3: AORTIC VALVE REPAIR</td>
<td>Springer Room</td>
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<tr>
<td></td>
<td><strong>Moderators:</strong> M. Mariani <em>(The Netherlands)</em>, G. Mecozzi <em>(The Netherlands)</em></td>
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<tr>
<td>10:00</td>
<td>1. Aortic annuloplasty: a standardized approach of aortic valve repair</td>
<td>G.C. Mecozzi <em>(The Netherlands)</em></td>
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<td>11:00</td>
<td>2. Aortic valve repair: principles and long-term results <em>(the Homburg approach)</em></td>
<td>U. Schneider <em>(Germany)</em></td>
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<tr>
<td>11:00</td>
<td>3. Bicuspid aortic valve repair</td>
<td>J. Vojacek <em>(Czech Republic)</em></td>
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<td>10:00</td>
<td>ESCVS – SFCTCJ JOINT SESSION</td>
<td>Theatre Room</td>
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<td><strong>Moderators:</strong> T. Folliguet <em>(France)</em>, J.P. Verhoye <em>(France)</em>, L. Davidovic <em>(Serbia)</em>, M. van der Laan <em>(The Netherlands)</em></td>
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<tr>
<td>10:00</td>
<td>1. Computer planning for surgery of the great vessels</td>
<td>J. Touati <em>(France)</em></td>
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<tr>
<td>12:00</td>
<td>2. Endovascular treatment of the aortic arch</td>
<td>R. Martinez <em>(France)</em></td>
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<td>12:00</td>
<td>3. MAC mitral annulus calcified: hybrid treatment of the mitral valve</td>
<td>L. Labrousse <em>(France)</em></td>
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<td>4. Hybrid cardiovascular : from concept to the procedure</td>
<td>V. Ruggieri <em>(France)</em></td>
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<td>5. Endoalvular treatment of the mitral valve</td>
<td>T. Modine <em>(France)</em></td>
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<td>6. Robotic mitral valve repair</td>
<td>É. Bergoend <em>(France)</em></td>
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<td></td>
<td>7. The importance of TAVI training for young surgeons</td>
<td>R. Belhaj <em>(France)</em></td>
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<tr>
<td>10:00</td>
<td>WORKSHOP: INDUSTRY</td>
<td>Room 4</td>
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<td><strong>Course directors:</strong> M. Kater <em>(The Netherlands)</em>, I. Tielliu <em>(The Netherlands)</em></td>
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<tr>
<td>10:00</td>
<td>VASCULAR SYMPOSIUM 4: INNOVATIONS IN VASCULAR SURGERY</td>
<td>Room 14</td>
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<td><strong>Moderators:</strong> J. Brunkwall <em>(Germany)</em>, P. Desgranges <em>(France)</em></td>
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<tr>
<td>10:00</td>
<td>1. Assessment of carotid plaque morphology using photoacoustic imaging</td>
<td>M. van Sambeek <em>(The Netherlands)</em></td>
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<tr>
<td>11:00</td>
<td>2. Aorto-iliac recanalization with Viabahns</td>
<td>U. Bracale <em>(Italy)</em></td>
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<tr>
<td>11:00</td>
<td>3. The DETOUR procedure: no more need for conventional bypass surgery?</td>
<td>D. Krievis <em>(Latvia)</em></td>
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<tr>
<td>11:00</td>
<td>4. The use of artificial intelligence in vascular surgery</td>
<td>M. Wikkeling <em>(The Netherlands)</em></td>
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<td>5. Multimodality imaging of vascular disease</td>
<td>R. Geelkerken <em>(The Netherlands)</em></td>
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<tr>
<td>10:00</td>
<td>CARDIAC SYMPOSIUM 4: TAVI</td>
<td>Springer Room</td>
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<td><strong>Moderators:</strong> Y.L. Douglas <em>(The Netherlands)</em>, R.J.M. Klautz <em>(The Netherlands)</em></td>
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<tr>
<td>11:00</td>
<td>1. Long-term outcomes of TAVI - will the success continue?</td>
<td>M. Thielmann <em>(Germany)</em></td>
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<td>12:00</td>
<td>2. Risk stratification and the expansion of the indication for TAVI</td>
<td>M. Kofler <em>(Germany)</em></td>
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<tr>
<td>12:00</td>
<td>3. Valve-in-valve transcatheter aortic valve implantation</td>
<td>M. Andreas <em>(Austria)</em></td>
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</table>
### Vascular Symposium 5: Peripheral Arterial Occlusive Disease

**Moderators:** M. Matsagkas (Greece), S. Sultan (Ireland)

1. In vivo evaluation of popliteal artery morphological variation during knee bending after EV treatment  
   - **Presenter:** D. Palombo (Italy)
2. Results of the IN.PACT Admiral drug-coated balloon in patients with Critical Limb Ischemia, based on the IN.PACT Global registry (SFA and popliteal artery) including a cost-efficacy analysis  
   - **Presenter:** M. Reijnen (The Netherlands)
3. Minimizing failure in critical lower limb ischemia intervention: Adjuvant capillary bed recruitment is the missed opportunity  
   - **Presenter:** S. Sultan (Ireland)
4. Treatment of CLI with stem cells  
   - **Presenter:** M. Ionac (Romania)
5. Early and long term outcomes of open versus endovascular repair for TASC C/D aorto-iliac obstructive lesions in young patients  
   - **Presenter:** F. Grego (Italy)
6. MRA based, patient-specific model to determine borderline iliac artery stenosis severity “The DETECT-PaD study”  
   - **Presenter:** J.P. de Vries (The Netherlands)
7. Composite PTFE-autologous saphenous vein grafts to treat critical limb ischaemia: long-term follow-up results  
   - **Presenter:** A. Turiano (Italy)

### Cardiac Symposium 5: Sutureless Valves

**Moderators:** M. Glauber (Italy), R.J.M. Klautz (The Netherlands)

1. Sutureless technology: looking beyond cross-clamp time  
   - **Presenter:** M. Glauber (Italy)
2. Sutureless valves: an option for the small aortic annulus?  
   - **Presenter:** N. Bonaros (Austria)
3. Sutureless aortic valves: from the Pilot Trial to the Persist Trial  
   - **Presenter:** T. Folliguet (France)
4. Surgical techniques with conventional valves for the small aortic annulus  
   - **Presenter:** E. Demirsoy (Turkey)

### Cardiac Symposium 6: Western & Eastern Europe

**Moderator:** S. Micovic (Serbia)

1. East meets West: optimal strategy for VAD and heart transplantation treatment in end-stage heart failure  
   - **Presenter:** S. Putnik (Serbia)
2. East meets West: left ventricular restoration in end-stage ischemic dilated cardiomyopathy  
   - **Presenter:** Z. Jonjev (Serbia)
3. East meets West: starting an aortic valve repair program in Serbia: where do we stand after 5 years?  
   - **Presenter:** S. Micovic (Serbia)

### Cardiac Symposium 7: Safety & Quality Control

**Moderators:** M.A. Mariani (The Netherlands), S. Nashef (England)

1. “The naked surgeon”: how to manage a cultural change in the OR  
   - **Presenter:** S. Nashef (England)
2. The “safety check” in cardiac surgery  
   - **Presenters:** G. Brandon, Bravo Bruinsma (The Netherlands)
3. BlackBox medical data recorder  
   - **Presenter:** M. Kriens (The Netherlands)
## KIEFFER LECTURE

**Introduction by:** L. Davidovic *(Serbia)*

State of the art of open thoraco-abdominal aortic aneurysm repair: 25 years of experience

**R. Chiesa (Italy)**

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## LUNCH BREAK, EXHIBITS & INDUSTRY SPONSORED SYMPOSIA

**INDUSTRY LUNCHETIME SYMPOSIUM**

- Room 10
- Room 11
- Room 12

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## CARDIAC ABSTRACTS SESSION 6: AORTIC DISSECTION

**Moderator:** T.J. Klinkenberg *(The Netherlands)*

1. Hybrid frozen elephant trunk operation in acute aortic dissection with use of thoraflex prosthesis
   - P. Masiello *(Italy)*

2. Arch replacement with one stage approach; 5-years follow up with frozen elephant trunk
   - G. Peeters *(The Netherlands)*

3. Early results of open aortic arch surgery with anterograde cerebral perfusion
   - T. Nguyen *(Vietnam)*

4. Ascending aortic elongation and longitudinal strain; a comparison between ascending aortic aneurysms and healthy aortas
   - S. Harbish *(Belgium)*

5. Is type I hybrid surgery a good choice for patients with acute non-a-non-b aortic dissection?
   - J. Hu *(China)*

6. Late reoperations after acute DeBakey type I aortic dissection according to primary surgical strategy
   - I. Vendramin *(Italy)*

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## JOINT SYMPOSIUM: ACUTE AORTIC SYNDROMES

**Moderators:** M.A. Mariani *(The Netherlands)*, E. Natour *(The Netherlands)*

1. Type A dissection: hit and run or extended preventive surgery?
   - W.J. Morshuis *(The Netherlands)*

2. Management of the aortic arch in acute aortic syndromes
   - E. Natour *(The Netherlands)*

3. Unraveling the pathophysiology of aortic aneurysms by studying smooth muscle cell behaviour
   - K. Yeung *(The Netherlands)*

4. Acute and urgent thoracic aortic syndromes without acute dissection
   - R. Haaverstad *(Norway)*

5. Acute aortic syndromes: total aortic arch replacement with FET
   - M. Shrestha *(Germany)*

6. Latest updates of the AJAX trial
   - W. Wisselink *(The Netherlands)*

7. Acute aortic syndromes in patients with associated genetic disorders
   - J. Dumfarth *(Austria)*
### VASCULAR SYMPOSIUM 6: EARLY AND LONG TERM COMPLICATIONS AFTER AORTIC SURGERY

**Moderators:** T. Cohnert (Austria), Z. Rancic (Switzerland)

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>14:00</td>
<td>1. Strategies to prevent spinal cord ischemia in endovascular treatment of TAAA</td>
<td>M. van der Laan (The Netherlands)</td>
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<td>15:00</td>
<td>2. Incidence and outcomes of colonic ischemia following AAA repair</td>
<td>S. Debus (Germany)</td>
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<td>3. Late Type 1 B Endoleaks in TEVAR at longer follow-up</td>
<td>F. Moll (The Netherlands)</td>
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<td>4. The importance of type 2 EL after EVAR is grossly overrated and their treatment does more harm than good</td>
<td>H. Verhagen (The Netherlands)</td>
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<td>5. PET in the prediction of the outcome of the aneurysmal sac in patients with type II endoleaks</td>
<td>N. Sakalihassan (Belgium)</td>
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### CARDIAC ABSTRACTS SESSION 7: MINI-AVR & SUTURELESS

**Moderators:** T. Folliguet (France), M. Glauber (Italy)

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<th>Time</th>
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<tbody>
<tr>
<td>15:00</td>
<td>1. Precise moulded autologous pericardial configurations for aortic cusp reconstruction</td>
<td>F. Almohammad (Syria)</td>
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<tr>
<td>16:00</td>
<td>2. Health care changes associated with infective endocarditis in the current century in Spain</td>
<td>J. Bustamante Munguira (Spain)</td>
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<td>3. Tricuspid insufficiency in aortic valve replacement, current state of surgical treatment</td>
<td>J. Bustamante Munguira (Spain)</td>
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<td>4. The use of intraoperative epiaortic ultrasonography in patients over 75 treated with aortic valve replacement</td>
<td>T. Niklewski (Poland)</td>
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<td>5. Less invasive aortic valve replacement using the trifecta gt bioprosthesis</td>
<td>A. Agnino (Italy)</td>
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<td>6. Clinical and hemodynamic outcome of patients receiving perceval sutureless valves in 5 years observation</td>
<td>T. Niklewski (Poland)</td>
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<td>7. The Altura device and possible advantages compared with EVAR and chimney grafts</td>
<td>D. Krievins (Latvia)</td>
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### VASCULAR SYMPOSIUM 7: PARALLEL GRAFTS

**Moderators:** S. Debus (Germany), F. Moll (The Netherlands)

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<tbody>
<tr>
<td>15:00</td>
<td>1. Parallel grafts to treat whole aorta pathologies</td>
<td>Z. Rancic (Switzerland)</td>
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<tr>
<td>16:00</td>
<td>2. Using Chimneys for pararenal aneurysms. Lessons learned so far</td>
<td>M. Matsagkas (Greece)</td>
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<td>3. Endovascular treatment of AAAs with short necks: standard EVAR, Chevar or FEVAR</td>
<td>H. Verhagen (The Netherlands)</td>
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<td>4. What we have learned from in-vitro chimney studies</td>
<td>K. Yeung (The Netherlands)</td>
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<td>5. The Altura device and possible advantages compared with EVAR and chimney grafts</td>
<td>D. Krievins (Latvia)</td>
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### VASCULAR SYMPOSIUM 8: VENOUS DISEASE

**Moderators:** S. Black (UK), M. Reijnen (The Netherlands)

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<tr>
<td>16:00</td>
<td>1. Endovascular treatment of chronic iliac vein occlusion</td>
<td>S. Black (UK)</td>
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<td>17:00</td>
<td>2. Tinzaparin in intermediate dose for the treatment of superficial vein thrombosis: Results from an observational multicenter study-SeVEN study</td>
<td>A. Giannoukas (Greece)</td>
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<td>3. MOCA using the Clarivein device (5 year FU of a prospective series and one-year outcome of a RCT)</td>
<td>M. Reijnen (The Netherlands)</td>
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<td>4. Treatment of chronic venous disease in Romania</td>
<td>M. Ionac (Romania)</td>
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<td>5. Pulmonary endarterectomy for CTEPH (Chronic Thromboembolic Pulmonary Hypertension)</td>
<td>T. Akay (Turkey)</td>
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### 16:00 - 16:30 COFFEE BREAK & EXHIBITS

#### CARDIAC SYMPOSIUM 8: MECHANICAL SUPPORT & TRANSPLANTATION

**Springer Room**

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<tr>
<td>16:30</td>
<td><strong>MODERATORS:</strong> M.E. Erasmus (The Netherlands), F.Z. Ramjankhan (The Netherlands)</td>
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<tr>
<td>17:00</td>
<td>1. Donation after cardiac death: problems and strategies - S. Pelenghi (Italy)</td>
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<td>2. LVAD will make heart transplantation obsolete - I. Knezevic (Slovenia)</td>
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<td>3. Increasing the donor heart pool: new machine preservation concepts - F. Rega (Belgium)</td>
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<td>4. Indications for heart transplantation or LVAD listing in Europe - A. Zuckermann (Austria)</td>
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<td>17:00</td>
<td>5. Is LVAD therapy equaling heart transplantation in effectiveness and quality of life? - T. Hoel (Norway)</td>
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<td>17:00</td>
<td>6. Crossing borders for quality: referred cases from Dutch LVAD centers to Bad Oeynhausen - M. Morshuis (Germany)</td>
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### 16:00 - 17:00 ESCVS Junior members meets EVST

**Theatre Room**

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<tr>
<td>16:00</td>
<td><strong>MODERATORS:</strong> M. Planinc (Croatia), K. Yeung (The Netherlands)</td>
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<td>17:00</td>
<td>Endovascular treatment of the aortic arch</td>
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<td>17:00</td>
<td>Pro: G.A. Boschehti (Italy)</td>
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<td>17:00</td>
<td>Con: T. Aherne (Ireland)</td>
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<td>17:00</td>
<td>Always endo: the right way?</td>
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<td>17:00</td>
<td>Pro: A. Busch (Germany)</td>
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<td>17:00</td>
<td>Con: V. Opatrny (Czech Republic)</td>
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### 17:00 - 18:30 JOINT RESIDENT FORUM

**Theatre Room**

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<th>Time</th>
<th>Session</th>
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<tr>
<td>17:00</td>
<td><strong>MODERATOR:</strong> M. Planinc (Croatia), M. Dijkstra (The Netherlands)</td>
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<tr>
<td>18:30</td>
<td>1. Simplifying CABG surgery for young surgeons, does it reduce patient’s safety? - S.E. Shehada (Germany)</td>
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<td>18:30</td>
<td>2. Carotid revascularization in asymptomatic patients - M. Dijkstra (The Netherlands)</td>
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<td>18:30</td>
<td>3. The evolution and treatment of TAAA after surgically treated type A aortic dissection - C. Maturi (Czech Republic)</td>
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<td>18:30</td>
<td>4. NOACs in vascular surgery - P. Nana (Greece)</td>
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<td>18:30</td>
<td>5. New devices for haemodynamic support in acute heart failure. The role of the cardiac surgeon - M. Planinc (Croatia)</td>
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<td>18:30</td>
<td>6. Custom made total artificial heart - when impossible becomes possible - V. Podpalov (Belarus)</td>
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### 19:00 ADJOURN

#### Congress Dinner at the Martini Church & Tower

*Awards will be presented at the Gala Dinner*
### Vascular Abstracts Session 8: Peripheral Arterial Occlusive Disease

**Room 2**

**Moderators:** M. Ionac (Romania), J.P. de Vries (The Netherlands)

**Keynote Lecture:** Novel ultrasound imaging for PAD: high frame rate ultrasound particle image velocimetry in combination with contrast bubbles: first in human results for the abdominal aorta

M. Reijnen (The Netherlands)

1. Results of operational interventions in the aorto-subject segment
   A.S. Artemova, (Russian Federation)

2. The role of female gender on outcomes of stenting for aorto-iliac arterial obstructive disease
   F. Squizzato (Italy)

3. Experience of hybrid revascularizations over a period of 2 years at the centre for cardiovascular surgery in Vienna, Austria
   K.E. Schmidt (Austria)

4. Occluded superficial femoral artery used for emergency reconstruction: a case series about the ‘proper conduit technique’
   M.S. Marsman (The Netherlands)

5. Single center experience of subintimal recanalisation for femoropopliteal tasc II c-d lesions using mimetic stents
   V. Wassermann (Italy)

6. Management of late presenting extremity vascular injuries at Jipmer - tertiary care centre in India
   K. Sreevathsa (India)

7. Midterm outcomes of drug coated balloon angioplasty in femoropopliteal arteries in daily practice
   M.J. Nugteren (The Netherlands)

8. Effects of supervised exercise therapy on modifiable cardiovascular risk factors in intermittent claudication - meta-analysis
   S.C.P. Jansen (The Netherlands)

### Cardiac Abstracts Session 8: Congenital Cardiac Surgery

**Room 5**

**Moderators:** J. Kluin (The Netherlands), R. Accord (The Netherlands)

**Keynote Lecture:** Replacing cardiac structures

J. Kluin (The Netherlands)

1. Relevance of social determinants for diagnosis and treatment of congenital cardiac anomalies in South America
   R. Cifuentes (USA)

2. Safety of patent ductus arteriosus closure with video-assisted thoracoscopic clipping in preterm infants
   T. Stankowski (Poland)

3. Single center experience of percutaneous vsd closure
   N. Yashchuk (Ukraine)

4. Different left ventricular remodeling between descending thoracic and ascending aorta banding in porcine model
   S. Popevska (Belgium)

5. Experience of management aortic coarctation in pregnancy
   I.O. Ditkivskyy (Ukraine)

6. Can the stent replace the shunt in symptomatic tetralogy neonates?
   I.M. Bennink (The Netherlands)

### Cardiac Symposium 9: Perfusion

**Springer Room**

**Moderators:** J. Kpodnonu (USA), P. Vos (The Netherlands)

1. Global education, innovation and capacity building
   J. Kpodnonu (USA)

2. Blood conservation and cell savers: the future
   N. Ben Ayad (The Netherlands)

3. The inflammatory reaction in cardiac surgery and perfusion: an update
   E. Squiccimarro (Italy)

4. Aortic arch surgery: considerations for the perfusionist
   P.J. Van den Barselaar (The Netherlands)
### VASCULAR ABSTRACTS SESSION 9: VASCULAR ACCESS

**Moderators:** M. Menologo (Italy), A. Ozyilmaz (The Netherlands)

**Keynote Lecture:** Treatment of complications of vascular access
- M. Menegolo (Italy)

**Keynote Lecture:** Outcomes after endovascular mechanical thrombectomy in occluded vascular access used for dialysis purposes
- W. Drouven (The Netherlands)

1. Diagnosis and treatment of neurogenic thoracic outlet syndrome according to a dedicated care pathway
   - N. Pesser (The Netherlands)

2. Perioperative angiography; a forgotten novel risk factor for vascular surgical site infections in the groin?
   - K.E. Schmidt (Austria)

3. Outcomes of basilic vein transposition versus polytetrafluoroethylene forearm loop graft as tertiary vascular access
   - J.W. Drouven (The Netherlands)

4. Act guided heparin administration leads to better levels of heparinization in non-cardiac arterial procedures
   - O. Doganer (The Netherlands)

5. Prevalence of high on-treatment platelet reactivity to aspirin in patients with pad treated with pta
   - M. Juszynski (Poland)

6. Functional status and out-of-hospital outcomes in vascular surgery patients
   - G.C.I. von Meijenfeldt (The Netherlands)

### VASCULAR ABSTRACTS SESSION 10: AAA

**Moderators:** Z. Rancic (Switzerland), I. Tielliu (The Netherlands)

**Keynote Lecture:** One thousand AAA operations: a single center experience
- V. Treska (Czech Republic)

1. Implications of aortic straightening after endovascular aneurysm repair
   - R.C.L. Schuurmann (The Netherlands)

2. Early results with the custom-made fenestrated anaconda aortic cuff in the treatment of complex aaa
   - A. de Niet (The Netherlands)

3. 15-Years of evar for infra-renal aaa in a single center: is strictly lifelong surveillance necessary?
   - R. Nanda (The Netherlands)

4. The outcome of afx endologix endograft in preventing type ii endoleaks: single center five-year follow-up
   - R. Gattuso (Italy)

5. Outcome of ruptured abdominal aortic aneurysm repair in octogenarians: a systematic review and meta-analysis
   - L.C. Roosendaal (The Netherlands)

6. Changes in anaconda endograft limb configuration after endovascular aneurysm repair
   - J.A. Simmering (The Netherlands)

7. Aortic endograft infections
   - E.L. Kalmykov (Germany)

8. Open surgical conversion after evar. Analysis and follow up of a referral center experience
   - N. Azabou (France)

**09:30 - 10.00 COFFEE BREAK & EXHIBITS**
### Vascular Symposium 9: From Biology to Clinic: Carotid Disease

**Moderators:** G.J. de Borst (The Netherlands), F. Sigala (Greece)

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<tr>
<td>10:00</td>
<td>Identification of high risk asymptomatic carotid patients on best medical treatment</td>
<td>G.J. de Borst (The Netherlands)</td>
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<td>11:00</td>
<td>Carotid stenosis: what is the best evidence for intervention?</td>
<td>A. Halliday (UK)</td>
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<td>11:15</td>
<td>Taxinomisis European Carotid Project: General</td>
<td>D. Fotiadis (Greece)</td>
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<td>Taxinomisis European Carotid Project: Genetics</td>
<td>G. Pasterkamp (The Netherlands)</td>
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<td>Taxinomisis European Carotid Project: Biology</td>
<td>J. Pelisek (Germany)</td>
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<td>Taxinomisis European Carotid Project: European Carotid Project: Engineering</td>
<td>T. Stakenborg (Belgium)</td>
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### Cardiac Symposium 10: Cardiac Anesthesia

**Moderators:** T.W.L. Scheeren (The Netherlands), J.M.A.A. van der Maaten (The Netherlands)

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>10:00</td>
<td>3D imaging in mitral valve surgery</td>
<td>F. Mahmood (USA)</td>
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<tr>
<td>11:00</td>
<td>From imaging to physiology: LV contractility and ventriculo-arterial coupling</td>
<td>F. Guarracino (Italy)</td>
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<td>3D virtual planning and imaging in the UMCG 3D lab</td>
<td>M. Witjes (The Netherlands)</td>
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### Cardiac Symposium 12: Congenital Cardiac Surgery

**Moderators:** T. Ebels (The Netherlands), T. Martens (Belgium)

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tr>
<td>10:00</td>
<td>The role of minimally invasive techniques in congenital aortic surgery</td>
<td>R. Pretre (Switzerland)</td>
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<td>11:00</td>
<td>Valve sparing aortic root surgery in children and young adults</td>
<td>R.E. Accord (The Netherlands)</td>
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<td>Resection of Kommerell and reimplantation of lusoria in vascular ring</td>
<td>S.C. Arrigoni (The Netherlands)</td>
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### Cardiac Symposium 11: QOL & Elderly

**Moderators:** E.J. Daeter (The Netherlands), S.E.J.A. De Rooij (The Netherlands)

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>11:00</td>
<td>QOL after cardiac surgery: a mulicentre study of routinely-collected health data in the Netherlands</td>
<td>F. Zwiers (The Netherlands)</td>
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<td>The ‘age’ multidisciplinary conference</td>
<td>R. Smoor (The Netherlands)</td>
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<td>Frailty at your fingertips</td>
<td>S.E.J.A. De Rooij (The Netherlands)</td>
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</table>
VASCULAR SYMPOSIUM 10: CEAS & CAS, A NEVERENDING STORY  

**Theatre Room**

**Moderators:** L. Davidovic (Serbia), A. Halliday (UK)

1. Gender differences in outcome after CEA and CAS  
   T. Cohnert (Austria)

2. Surgical treatment of asymptomatic carotid disease  
   G. Sokurenko (Russian Federation)

3. Roadsaver clinical results of the Italian and European Registries  
   C. Setacci (Italy)

4. Advantages of TCAR as compared to CAS and CEA  
   A. Busch (Germany)

5. Immediate CAS after intra-cranial thrombectomy for ischemic stroke  
   R. Bokkers (The Netherlands)

CARDIAC SYMPOSIUM 13: CT & MRI  

**Room 14**

**Moderators:** G. Dahle (Norway), T. Folliguet (France)

1. The role of CT and MRI in transcatheter valve implantation  
   G. Dahle (Norway)

2. The role of cardiac CT&MR, present and near future  
   T.P. Willems (The Netherlands)

3. Cardiac CT: all you need to know before sutureless AVR  
   A. Cerillo (Italy)

**ADJOURN**