



68th International congress of the European Society of  
Cardiovascular and EndoVascular Surgery

**ESCVS 2019**

**PRELIMINARY PROGRAMME**

22 – 25 May 2019  
Groningen, The Netherlands



# PRELIMINARY PROGRAMME SCIENTIFIC SESSIONS

<b>Wednesday, 22 May 2019</b>	<b>3</b>
<b>Thursday, 23 May 2019</b>	<b>4 - 7</b>
<b>Friday, 24 May 2019</b>	<b>8 – 14</b>
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## Wednesday, May 22, 2019

19:00  
20:30

**Opening Ceremony in the Aula of the Academy Building**

20:30  
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.*





Thursday, May 23, 2019

**CARDIAC YOUNG SURGEON AWARD SESSION**

08:00

09:30

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

**WORKSHOP: LeMaitre**

08:00

09:30

**Course director:** B. Saleem (*Netherlands*)

**CARDIOVASCULAR CINEMA**

08:00

09:30

**CARDIAC ABSTRACTS SESSION 1: CORONARY REVASCULARIZATION**

08:00

09:30

**Moderators:** N. Bonaros (*Austria*), J.M. Hartman (*Netherlands*)  
**Keynote Lecture:** Minimally invasive coronary surgery: techniques and evidence  
**Keynote Lecture:** Surgical Myocardial Infarction Registry

N. Bonaros (*Austria*)  
M. Thielmann (*Germany*)

**VASCULAR ABSTRACTS SESSION 1: VEINS**

08:00

09:30

**Moderators:** A. Tournicourt (*Belgium*), B. Wallis de Vries (*Netherlands*)  
**Keynote Lecture:** Treatment of obstructive disease in pelvic congestion syndrome patients

M. Wikkeling (*Netherlands*)

**VASCULAR ABSTRACTS SESSION 2: THORACIC AORTA**

08:00

09:30

**Moderators:** W. Drouven (*Netherlands*), M. Gargiulo (*Italy*)  
**Keynote Lecture:** Debranching of supra-aortic vessels and TEVAR in landing zones zero and one for complex thoracic aorta disease

A. Turiano (*Italy*)

**VASCULAR ABSTRACTS SESSION 3: VASCULAR BIOLOGY**

08:00

09:30

**Moderators:** M. Dragas (*Serbia*), M. Dijkstra (*Netherlands*)  
**Keynote Lecture:** Immune cell heterogeneity in atherosclerosis

C. Monaco (*UK*)

**09:30 – 10.00 COFFEE BREAK & EXHIBITS**



Thursday, May 23, 2019

10:00  
10:30**SPECIAL GUEST****CARDIOVASCULAR INTERDISCIPLINARY SESSION****Chairman:** T. Folliguet (*France*)**Moderators:** M.A. Mariani (*Netherlands*), V. Treska (*Czech Republic*), C. Zeebregts (*Netherlands*)10:30  
12:30

- |                                                                                          |                                       |
|------------------------------------------------------------------------------------------|---------------------------------------|
| 1. Arch aneurysms Chimney technology: patient selection and outcome                      | J. Brunkwall ( <i>Germany</i> )       |
| 2. Aortic arch repair in the endovascular era                                            | R. Heijmen ( <i>Netherlands</i> )     |
| 3. Open aortic arch surgery: still the gold standard?                                    | W. Morshuis ( <i>Netherlands</i> )    |
| 4. Endovascular treatment of thoraco-abdominal aneurysms                                 | M. Gargiulo ( <i>Italy</i> )          |
| 5. Aortic dissection type B: latest insights                                             | J. de Bruin ( <i>United Kingdom</i> ) |
| 6. Treatment of complex aortic aneurysm with in situ laser fenestration of endoprotheses | P. Desgranges ( <i>France</i> )       |
| 7. Total rerouting of the aortic arch in high-risk patients                              | R. Haaverstad ( <i>Norway</i> )       |
| 8. Thoracic aortic surgery combining open with endovascular surgical techniques          | H. Jakob ( <i>Germany</i> )           |

12:30  
13:00**ESCVS LIFETIME ACHIEVEMENT AWARD****Introduction by:** D. Palombo (*Italy*)LERICHE LECTURE: J.A. Parodi (*USA*)**LUNCH BREAK, EXHIBITS & INDUSTRY SPONSORED SYMPOSIA**13:00  
14:00**EDWARDS**  
LUNCHTIME SYMPOSIUM**MAQUET GETINGE**  
LUNCHTIME SYMPOSIUM**ATRICURE**  
LUNCHTIME SYMPOSIUM**CARDIAC SYMPOSIUM 1: MITRAL VALVE SURGERY****Moderators:** O.R. Alfieri (*Italy*), L. Muller (*Austria*)14:00  
16:00

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





Thursday, May 23, 2019

**CARDIAC ABSTRACTS SESSION 2: RHYTHM SURGERY & MISCELLANEOUS**14:00  
16:00**Moderators:** S. Benussi (*Italy*), Y. Blaauw (*Netherlands*)**Keynote Lecture:** AF ablation: where we came from and where we are headingS. Benussi (*Italy*)**VASCULAR SYMPOSIUM 1: AAA REPAIR****Moderators:** H. Jakob (*Germany*) I. Koncar (*Serbia*)**Panelists:** S. Abisi (*UK*), W. Wisselink (*Netherlands*), L. Davidovic (*Serbia*), A. Giannoukas (*Greece*), M. van Sambeek (*Netherlands*)**Short talks and panel discussion**14:00  
15:00

1. DREAM trial is from last decade, can we apply results to contemporary practice? J. de Bruin (*United Kingdom*).
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 (*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 (*United Kingdom*)

**VASCULAR SYMPOSIUM 2: ESCVS & DUTCH SOCIETY FOR VASCULAR SURGERY JOINT SESSION****Moderators:** M. Menologo (*Italy*), M. van der Laan (*Netherlands*), P. Vriens (*Netherlands*)15:00  
16:00

1. Who is the fool in the room? On health literacy and improving outcomes M. Voûte (*Netherlands*)
2. 3D printing in complex vascular pathology T. Michiels (*Netherlands*)
3. Clinical outcome measures to evaluate the results of drug eluting devices T. Fokkema (*Netherlands*)
4. Covered stents versus angioplasty alone for in-stent restenosis in the common iliac artery: a retrospective series J. Bekken (*Netherlands*)
5. Evidence in your office W. v.d. Water (*Netherlands*)

**VASCULAR SYMPOSIUM 3: VASCULAR GRAFT INFECTION****Moderators:** N. Chakfe (*France*), B. Saleem (*Netherlands*), M. Wouthuyzen-Bakker (*Netherlands*)16:00  
17:00

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

Thursday, May 23, 2019

**16:00 – 16:30 COFFEE BREAK & EXHIBITS**

**CARDIAC SYMPOSIUM 2: RHYTHM SURGERY**

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

16:30  
18:00

- |                                                                       |                                       |
|-----------------------------------------------------------------------|---------------------------------------|
| 1. Impact of current guidelines on clinical practice                  | S. Benussi ( <i>Italy</i> )           |
| 2. Design of the CEASE-AF trial and results of the Stuttgart approach | N. Doll ( <i>Germany</i> )            |
| 3. Single stage hybrid ablation                                       | M. La Meir ( <i>Belgium</i> )         |
| 4. State-of-the-art and future perspectives in catheter ablation      | L.V.A. Boersma ( <i>Netherlands</i> ) |
| 5. The impact of concomitant ablation in cardiac surgery              | P. Suwalski ( <i>Poland</i> )         |

**VASCULAR ABSTRACTS SESSION 4: PERI-OPERATIVE MANAGEMENT**

16:30  
18:00

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

**Keynote Lecture:** What a vascular surgeon needs to know about perioperative management of DOACs

E. Arnaoutogolu (*Greece*)

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

D. Krievins (*Latvia*)

**VASCULAR ABSTRACTS SESSION 5: MISCELLANEOUS**

16:30  
18:00

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

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

M. Radovanovic (*Serbia*)

**CARDIAC ABSTRACTS SESSION 3: MITRAL VALVE SURGERY**

16:30  
18:00

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

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

O.R. Alfieri (*Italy*)

**BEST CARDIAC POSTER SESSION**

16:30  
18:00

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

**VASCULAR YOUNG SURGEON AWARD SESSION**

17:00  
18:30

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

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

**BEST VASCULAR POSTER SESSION**

17:00  
18:30

**Moderators:** A. Giannoukas (*Greece*), N. Jakovljevic (*Serbia*), M. Planinc (*Croatia*)

**ADJOURN**



Friday, May 24, 2019

### VASCULAR: MEET THE EXPERTS

08:00  
09:30

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

Case discussions: Presentations of controversial special cases with experts giving their view for treatment and final treatments executed and final result case result will be presented

### CARDIAC ABSTRACTS SESSION 4: TAVI

08:00  
09:30

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

**Keynote Lecture:** TAVI update 2019

M. Thielmann (*Germany*)

### WORKSHOP: BioIntegral

08:00  
09:30

**Course director:** B. Saleem (*Netherlands*)

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

08:00  
09:30

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

**Keynote Lecture:** Minimally invasive LVAD implantation: from technique to evidence

D. Wiedemann (*Austria*)

### VASCULAR ABSTRACTS SESSION 6: CAROTIDS

08:00  
09:30

**Moderators:** F. Grego (*Italy*), S. Bellmunt Montoya (*Spain*)

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

F. Grego (*Italy*)

### VASCULAR ABSTRACTS SESSION 7: ENDOVASCULAR PROCEDURES

08:00  
09:30

**Moderators:** D. Krievins (*Latvia*), B. Wallis de Vries (*Netherlands*)

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

I. Tiellu (*Netherlands*)

### VASCULAR CINEMA

08:00  
09:30

Video and presentations of the worst cases or complications occurred

09:30 – 10.00 COFFEE BREAK & EXHIBITS



## Friday, May 24, 2019

### CARDIAC SYMPOSIUM 3: AORTIC VALVE REPAIR

**Moderators:** M. Grimm (*Austria*), G. Mecozzi (*Netherlands*)

10:00 11:00	1. Aortic annuloplasty: a standardized approach of aortic valve repair	E. Lansac ( <i>France</i> )
	2. Aortic valve repair: principles and long-term results (the Homburg approach)	U. Schneider ( <i>Germany</i> )
	3. Bicuspid aortic valve repair	J. Vojacek ( <i>Czech Republic</i> )

### ESCVS – SFCTCV JOINT SESSION

**Moderators:** T. Folliguet (*France*), J.P. Verhoye (*France*), L. Davidovic (*Serbia*), M. van der Laan (*Netherlands*)

10:00 12:00	1. Computer planning for surgery of the great vessels	J. Touati ( <i>France</i> )
	2. Endovascular treatment of the aortic arch	R. Martinez ( <i>France</i> )
	3. MAC mitral annulus calcified: hybrid treatment of the mitral valve	L. Labrousse ( <i>France</i> )
	4. The role of a cardiac surgeon for TAVI in France	V. Ruggieri ( <i>France</i> )
	5. Endovalvular treatment of the mitral valve	T. Modine ( <i>France</i> )
	6. Robotic mitral valve repair	É. Bergoend ( <i>France</i> )
	7. The importance of TAVI training for young surgeons	R. Belhaj ( <i>France</i> )

### VASCULAR SYMPOSIUM 4: INNOVATIONS IN VASCULAR SURGERY

**Moderators:** J. Brunkwall (*Germany*), P. Desgranges (*France*)

10:00 11:00	1. Assessment of carotid plaque morphology using photoacoustic imaging	M. van Sambeek ( <i>Netherlands</i> )
	2. Hemodynamic changes provoked by endograft, measured with 4D-MR	S. Bellmunt Montoya ( <i>Spain</i> )
	3. The DETOUR procedure: no more need for conventional bypass surgery?	D. Krievins ( <i>Latvia</i> )
	4. The use of artificial intelligence in vascular surgery	M. Wikkeling ( <i>Netherlands</i> )
	5. Multimodality imaging of vascular disease	R. Geelkerken ( <i>Netherlands</i> )

### WORKSHOP: GORE

10:00  
12:00  
**Course director:** I. Tielliu (*Netherlands*)

## Friday, May 24, 2019

### CARDIAC SYMPOSIUM 4: TAVI

Moderators: Y.L. Douglas (*Netherlands*), R.J.M. Klautz (*Netherlands*)

- |                |                                                                     |                                 |
|----------------|---------------------------------------------------------------------|---------------------------------|
| 11:00<br>12:00 | 1. Long-term outcomes of TAVI - will the success continue?          | M. Thielmann ( <i>Germany</i> ) |
|                | 2. Risk stratification and the expansion of the indication for TAVI | M. Kofler ( <i>Germany</i> )    |
|                | 3. Valve-in-valve transcatheter aortic valve implantation           | M. Andreas ( <i>Austria</i> )   |

### VASCULAR SYMPOSIUM 5: PERIPHERAL ARTERIAL OCCLUSIVE DISEASE

Moderators: A. Mansilha (*Portugal*), M. Matsagkas (*Greece*)

- |                |                                                                                                                                                                                                   |                                      |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| 11:00<br>12:30 | 1. 55 years of experience - Indications to revascularization procedures for lower extremities atherosclerotic obliterative disease                                                                | G. Deriu ( <i>Italy</i> )            |
|                | 2. In vivo evaluation of popliteal artery morphological variation during knee bending after EV treatment                                                                                          | D. Palombo ( <i>Italy</i> )          |
|                | 3. 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 | M. Reijnen ( <i>Netherlands</i> )    |
|                | 4. Minimizing failure in critical lower limb ischemia intervention: Adjuvant capillary bed recruitment is the missed opportunity                                                                  | S. Sultan ( <i>Ireland</i> )         |
|                | 5. Treatment of CLI with stem cells                                                                                                                                                               | M. Ionac ( <i>Romania</i> )          |
|                | 6. Early and long term outcomes of open versus endovascular repair for TASC C/D aorto-iliac obstructive lesions in young patients                                                                 | F. Grego ( <i>Italy</i> )            |
|                | 7. MRA based, patient-specific model to determine borderline iliac artery stenosis severity" The DETECT-PaD study                                                                                 | J.P. de Vries ( <i>Netherlands</i> ) |
|                | 8. Composite PTFE-autologous saphenous vein grafts to treat critical limb ischaemia: long-term follow-up results                                                                                  | A. Turiano ( <i>Italy</i> )          |

### CARDIAC SYMPOSIUM 5: SUTURELESS VALVES

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

- |                |                                                                              |                                |
|----------------|------------------------------------------------------------------------------|--------------------------------|
| 12:00<br>13:00 | 1. Sutureless technology: looking beyond cross-clamp time                    | M. Glauber ( <i>Italy</i> )    |
|                | 2. Sutureless valves: an option for the small aortic annulus?                | N. Bonaros ( <i>Austria</i> )  |
|                | 3. Sutureless aortic valves: from the Pilot Trial to the Persist Trial       | T. Folliguet ( <i>France</i> ) |
|                | 4. Surgical techniques with conventional valves for the small aortic annulus | E. Demirsoy ( <i>Turkey</i> )  |



### Friday, May 24, 2019

#### CARDIAC SYMPOSIUM 6: WESTERN & EASTERN EUROPE

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

11:00  
12:00

1. East meets West: optimal strategy for VAD and heart transplantation treatment in end-stage heart failure

S. Putnik (*Serbia*)

2. East meets West: left ventricular restoration in end-stage ischemic dilated cardiomyopathy

Z. Jonjev (*Serbia*)

3. East meets West: starting an aortic valve repair program in Serbia: where do we stand after 5 years?

S. Micovic (*Serbia*)

#### CARDIAC SYMPOSIUM 7: SAFETY & QUALITY CONTROL

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

12:00  
13:00

1. "The naked surgeon": how to manage a cultural change in the OR

S. Nashef (*England*)

2. The "safety check" in cardiac surgery

G. Brandon Bravo Bruinsma (*Netherlands*)

3. BlackBox medical data recorder

M. Kriens (*Netherlands*)

#### KIEFFER LECTURE

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

12:30  
13:00

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

R. Chiesa (*Italy*)

#### LUNCH BREAK, EXHIBITS & INDUSTRY SPONSORED SYMPOSIA

13:00  
14:00

**MEDTRONIC**  
LUNCHTIME SYMPOSIUM

**TERUMO AORTIC**  
LUNCHTIME SYMPOSIUM

**LIVANOVA**  
LUNCHTIME SYMPOSIUM

#### CARDIAC ABSTRACTS SESSION 6: AORTIC DISSECTION

14:00  
15:00

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

## Friday, May 24, 2019

### JOINT SYMPOSIUM: ACUTE AORTIC SYNDROMES

**Moderators:** M.A. Mariani (*Netherlands*), R. Di Bartolomeo (*Italy*)

14:00  
16:00

- |                                                                                                |                                      |
|------------------------------------------------------------------------------------------------|--------------------------------------|
| 1. Management of the aortic arch in acute aortic syndromes                                     | E. Natour ( <i>Netherlands</i> )     |
| 2. Type A dissection: hit and run or extended preventive surgery?                              | W.J. Morshuis ( <i>Netherlands</i> ) |
| 3. Unraveling the pathophysiology of aortic aneurysms by studying smooth muscle cell behaviour | K. Yeung ( <i>Netherlands</i> )      |
| 4. Acute and urgent thoracic aortic syndromes without acute dissection                         | R. Haaverstad ( <i>Norway</i> )      |
| 5. Acute aortic syndromes: total aortic arch replacement with FET                              | M. Shrestha ( <i>Germany</i> )       |
| 6. Latest updates of the AJAX trial                                                            | W. Wisselink ( <i>Netherlands</i> )  |
| 7. Acute aortic syndromes in patients with associated genetic disorders                        | J. Dumfarth ( <i>Austria</i> )       |

### CARDIAC ABSTRACTS SESSION 7: MINI-AVR & SUTURELESS

15:00  
16:00

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

### VASCULAR SYMPOSIUM 6: EARLY AND LONG TERM COMPLICATIONS AFTER AORTIC SURGERY

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

14:00  
15:00

- |                                                                                                             |                                        |
|-------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 1. Strategies to prevent spinal cord ischemia in endovascular treatment of TAAA                             | M. van der Laan ( <i>Netherlands</i> ) |
| 2. Incidence and outcomes of colonic ischemia following AAA repair                                          | S. Debus ( <i>Germany</i> )            |
| 3. Late Type 1 B Endoleaks in TEVAR at longer follow-up                                                     | F. Moll ( <i>Netherlands</i> )         |
| 4. The importance of type 2 EL after EVAR is grossly overrated and their treatment does more harm than good | H. Verhagen ( <i>Netherlands</i> )     |
| 5. PET in the prediction of the outcome of the aneurysmal sac in patients with type II endoleak             | N. Sakalihassan ( <i>Belgium</i> )     |

### VASCULAR SYMPOSIUM 7: PARALLEL GRAFTS

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

15:00  
16:00

- |                                                                                                 |                                    |
|-------------------------------------------------------------------------------------------------|------------------------------------|
| 1. Parallel grafts to treat whole aorta pathologies                                             | Z. Rancic ( <i>Switzerland</i> )   |
| 2. Using Chimneys for pararenal aneurysms. Lessons learned so far                               | M. Matsagkas ( <i>Greece</i> )     |
| 3. Endovascular treatment of AAAs with short necks: standard EVAR, Endoanchors, CHEVAR or FEVAR | H. Verhagen ( <i>Netherlands</i> ) |
| 4. What we have learned from in-vitro chimney studies                                           | K. Yeung ( <i>Netherlands</i> )    |

Friday, May 24, 2019

**VASCULAR SYMPOSIUM 8: VENOUS DISEASE**

**Moderators:** S. Black (*United Kingdom*), M. Reijnen (*Netherlands*)

16:00  
17:00

- |                                                                                                                                                  |                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 1. Pathophysiological mechanisms of chronic venous disease and implications for venoactive drug therapy                                          | A. Mansilha ( <i>Portugal</i> )    |
| 2. Treatment of chronic venous disease in Romania                                                                                                | M. Ionac ( <i>Romania</i> )        |
| 3. Endovascular treatment of chronic iliac vein occlusion                                                                                        | S. Black ( <i>United Kingdom</i> ) |
| 4. Tinzaparin in intermediate dose for the treatment of superficial vein thrombosis: Results from an observational multicenter study-SeVEN study | A. Giannoukas ( <i>Greece</i> )    |
| 5. MOCA using the Clarivein device (5 year FU of a prospective series and one-year outcome of a RCT)                                             | M. Reijnen ( <i>Netherlands</i> )  |

**16:00 – 16:30 COFFEE BREAK & EXHIBITS**

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

**Moderators:** M.E. Erasmus (*Netherlands*), F.Z. Ramjankhan (*Netherlands*)

16:30  
18:00

- |                                                                                           |                                  |
|-------------------------------------------------------------------------------------------|----------------------------------|
| 1. Indications for heart transplantation or LVAD listing in Europe                        | A. Zuckermann ( <i>Austria</i> ) |
| 2. LVAD will make heart transplantation obsolete                                          | I. Knezevic ( <i>Slovenia</i> )  |
| 3. Increasing the donor heart pool: new machine preservation concepts                     | F. Rega ( <i>Belgium</i> )       |
| 4. Donation after cardiac death: problems and strategies                                  | S. Pelenghi ( <i>Italy</i> )     |
| 5. Is LVAD therapy equaling heart transplantation in effectiveness and quality of life?   | T. Hoel ( <i>Norway</i> )        |
| 6. Crossing borders for quality: referred cases from Dutch LVAD centers to Bad Oeynhausen | M. Morshuis ( <i>Germany</i> )   |

**ESCVS Junior members meets EVST**

**Moderators:** M. Planinc (*Croatia*), K. Yeung (*Netherlands*)

16:00  
17:00

- Endovascular treatment of the aortic arch  
 Pro: G.A. Boscehetti (*Italy*)  
 Con: TBA
- Always endo: the right way?  
 Pro: A. Busch (*Germany*)  
 Con: V. Opatrny (*Czech Republic*)



Friday, May 24, 2019

**JOINT RESIDENT FORUM****Moderator:** M. Planinc (*Croatia*), M. Dijkstra (*Netherlands*)17:00  
18:30

- |                                                                                                    |                                     |
|----------------------------------------------------------------------------------------------------|-------------------------------------|
| 1. Simplifying CABG surgery for young surgeons, does it reduces patient's safety?                  | S.E. Shehada ( <i>Germany</i> )     |
| 2. Carotid revascularization in asymptomatic patients                                              | M. Dijkstra ( <i>Netherlands</i> )  |
| 3. The evolution and treatment of TAAA after surgically treated type A aortic dissection           | C. Maturi ( <i>Czech Republic</i> ) |
| 4. NOACs in vascular surgery                                                                       | P. Nana ( <i>Greece</i> )           |
| 5. New devices for haemodynamic support in acute heart failure.<br>The role of the cardiac surgeon | M. Montegudo ( <i>Spain</i> )       |
| 6. Custom made total artificial heart - when impossible becomes possible                           | V. Podpalov ( <i>Belarus</i> )      |

**ADJOURN**



Saturday, May 25, 2019

**VASCULAR ABSTRACTS SESSION 8: PERIPHERAL ARTERIAL OCCLUSIVE DISEASE (PAOD)**

08:00

**Moderators:** M. Ionac (*Romania*), JP de Vries (*Netherlands*)

09:30

**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 aortaM. Reijnen (*Netherlands*)**CARDIAC ABSTRACTS SESSION 8: CONGENITAL CARDIAC SURGERY**

08:00

**Moderators:** J. Kluin (*Netherlands*), F. Haas (*Netherlands*)

09:30

**Keynote Lecture:** Replacing cardiac structuresJ. Kluin (*Netherlands*)**CARDIAC SYMPOSIUM 9: PERFUSION****Moderators:** J. Kpodnonu (*United States*), P. Vos (*Netherlands*),

08:00

1. Global education, innovation and capacity building

J. Kpodnonu (*United States*)

09:30

2. Blood conservation and cell savers: the future

N. Ben Ayad (*Netherlands*)

3. The inflammatory reaction in cardiac surgery and perfusion: an update

E. Squicciarro (*Italy*)

5. Aortic arch surgery: considerations for the perfusionist

P.J. Van den Barselaar (*Netherlands*)**VASCULAR ABSTRACTS SESSION 9: VASCULAR ACCESS**

08:00

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

09:30

**Keynote Lecture:** Treatment of complications of vascular accessM. Menegolo (*Italy*)**Keynote Lecture:** Outcomes after endovascular mechanical thrombectomy in occluded vascular access used for dialysis purposesW. Drouven (*Netherlands*)**VASCULAR ABSTRACTS SESSION 10: AAA**

08:00

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

09:30

**Keynote Lecture:** One thousand AAA operations: a single center experienceV. Treska (*Czech Republic*)**09:30 – 10:00 COFFEE BREAK & EXHIBITS****VASCULAR SYMPOSIUM 9: FROM BIOLOGY TO CLINIC: CAROTID DISEASE****Moderators:** G.J. de Borst (*Netherlands*), F. Sigala (*Greece*)

10:00

1. Identification of high risk asymptomatic carotid patients on best medical treatment

G.J. de Borst (*Netherlands*)

11:15

2. Carotid stenosis: what is the best evidence for intervention?

A. Halliday (*UK*)

3. Taxinomisis European Carotid Project: General

D. Fotiadis (*Greece*)

4. Taxinomisis European Carotid Project: Genetics

G. Pasterkamp (*Netherlands*)

5. Taxinomisis European Carotid Project: Biology

J. Pelisek (*Germany*)

6. Taxinomisis European Carotid Project: European Carotid Project: Engineering

T. Stakenborg (*Belgium*)

**Saturday, May 25, 2019**

**CARDIAC SYMPOSIUM 10: CARDIAC ANESTHESIA**

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

10:00  
11:00

- |                                                                                  |                                  |
|----------------------------------------------------------------------------------|----------------------------------|
| 1. 3D imaging in mitral valve surgery                                            | F. Mahmood ( <i>USA</i> )        |
| 2. From imaging to physiology: LV contractility and ventriculo-arterial coupling | F. Guarracino ( <i>Italy</i> )   |
| 3. 3D virtual planning and imaging in the UMCG 3D lab                            | M. Witjes ( <i>Netherlands</i> ) |

**CARDIAC SYMPOSIUM 12: CONGENITAL CARDIAC SURGERY**

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

10:00  
11:00

- |                                                                           |                                      |
|---------------------------------------------------------------------------|--------------------------------------|
| 1. The role of minimally invasive techniques in congenital aortic surgery | R. Pretre ( <i>Switzerland</i> )     |
| 2. Valve sparing aortic root surgery in children and young adults         | R.E. Accord ( <i>Netherlands</i> )   |
| 3. Resection of Kommerell and reimplantation of lusoria in vascular ring  | S.C. Arrigoni ( <i>Netherlands</i> ) |

**CARDIAC SYMPOSIUM 11: QOL & ELDERLY**

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

11:00  
12:00

- |                                                                                                         |                                          |
|---------------------------------------------------------------------------------------------------------|------------------------------------------|
| 1. QOL after cardiac surgery: a multicentre study of routinely-collected health data in the Netherlands | F. Zwiers ( <i>Netherlands</i> )         |
| 2. The 'age' multidisciplinary conference                                                               | R. Smoor ( <i>Netherlands</i> )          |
| 3. Frailty at your fingertips                                                                           | S.E.J.A. De Rooij ( <i>Netherlands</i> ) |

**VASCULAR SYMPOSIUM 10: CEA & CAS, A NEVERENDING STORY**

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

11:15  
12:00

- |                                                                       |                                            |
|-----------------------------------------------------------------------|--------------------------------------------|
| 1. Gender differences in outcome after CEA and CAS                    | T. Cohnert ( <i>Austria</i> )              |
| 2. Surgical treatment of asymptomatic carotid disease                 | G. Sokurenko ( <i>Russian Federation</i> ) |
| 3. Roadsaver clinical results of the Italian and European Registries  | C. Setacci ( <i>Italy</i> )                |
| 4. Advantages of TCAR as compared to CAS and CEA                      | A. Busch ( <i>Germany</i> )                |
| 5. Immediate CAS after intra-cranial thrombectomy for ischemic stroke | R. Bokkers ( <i>Netherlands</i> )          |

**CARDIAC SYMPOSIUM 13: CT & MRI**

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

11:00  
12:00

- |                                                               |                             |
|---------------------------------------------------------------|-----------------------------|
| 1. The role of CT and MRI in transcatheter valve implantation | G. Dahle ( <i>Norway</i> )  |
| 2. TBA                                                        | T. Modine ( <i>France</i> ) |
| 3. Cardiac CT: all you need to know before sutureless AVR     | A. Cerillo ( <i>Italy</i> ) |

**ADJOURN**