



Preliminary Program

23rd European Vascular Course

Auditorium 2

Carotid artery

Moderators: GJ de Borst, AR Naylor

08h30	Outcome of carotid interventions in vascular registries HH Eckstein, Germany
08h50	High risks for stroke in asymptomatic patients AR Naylor, UK
09h10	Overview on new developments in carotid stenting: double mesh stents and cervical access JA Vos, the Netherlands
09h30	Safety of carotid stenting in the very early phase P Nederkoom, the Netherlands
09h50	Overview of new cerebral endpoints in carotid revascularization: dementia and MR DWI lesions L Bonati, Switzerland
10h10	Overview of new cardiac endpoints in carotid revascularization: the role of troponine W van Klei, the Netherlands
10h30	BREAK
	Aorta Moderators: M Jacobs, G Melissano
11h00	The fate of the left subclavian and vertebral arteries in TEVAR T Kölbl, Germany
11h20	What to do with the septum in acute and chronic aortic dissection? GW Schurink, the Netherlands
11h40	Off the shelf devices for TAAA G Oderich, USA
12h00	All about bridging stents in fenestrated and branched endovascular aortic repair E Verhoeven, Germany
12h20	Diagnostics and treatment of traumatic aortic lesions J Schmidli, Switzerland
12h40	Open surgery after frozen elephant and TEVAR procedures M Jacobs, the Netherlands
13h00	LUNCH

Auditorium 2

Peripheral

Moderators: N Chakfe, R Hinchliffe

14h00	Lipid therapy in patients with PAD B Kroon, the Netherlands		
14h20	Medical therapy in patients with PAD P Coughlin, UK		
14h40	Peri-operative management of anti-coagulation K Breen, UK		
15h00	The role of population-based screening for vascular disease J Lindholt, Denmark		
15h20	Setting up a comprehensive diabetes limb salvage service A Weale, UK		
15h40	Update on PAD classifications R Hinchliffe, UK		
16h00	BREAK		
16h30	Case discussions on carotid, peripheral arteries and aorta		
	Carotid	Peripheral	Aorta
	Room 2.7 level 2	Room 2.9 level 2	Room 0.11 level 0
	AR Naylor GJ de Borst	R Hinchliffe A Mansilha	T Resch GW Schurink
18h00	COCKTAIL		

Auditorium 2

Peripheral arteries

Moderators: J van den Berg, R Hinchliffe

- 08h30 **What you should know about intimal hyperplasia and its treatment options**
S Deglise, Switzerland
 - 08h50 **What you should know about peripheral stent, catheter and guidewires properties**
N Chakfe, France
 - 09h10 **What should we know about prosthetic grafts for peripheral revascularizations**
W Dorigo, Italy
 - 09h30 **Anatomical exposures, techniques and tricks in complex distal bypass procedures**
A Alback, Finland
 - 09h50 **Vein arterialization for limb salvage**
K Houliind, Denmark
 - 10h10 **The role of atherectomy in the endovascular treatment of PAD**
M Lichtenberg, Germany
 - 10h30 **BREAK**
- Carotid artery**
Moderators: GJ de Borst, AR Naylor
- 11h00 **Imaging carotid disease: from the aortic arch atherosclerosis to cerebral white matter lesions**
A van der Lugt, the Netherlands
 - 11h20 **Rescue management for procedural stroke following carotid stenting**
JA Vos, the Netherlands
 - 11h40 **Rescue management for procedural stroke following carotid endarterectomy**
GJ de Borst, the Netherlands
 - 12h00 **3D SURGICAL MOVIES**
 - 13h00 **LUNCH**

Auditorium 2

Aorta

Moderator: G Oderich, B Mees

- 14h00 **Management of aortic fistulae**
G Melissano, Italy
 - 14h20 **Vascular access complications: how to avoid and manage**
B Mees, the Netherlands
 - 14h40 **Open surgical reinterventions after EVAR**
X Berard, France
 - 15h00 **Endovascular reinterventions after (F)EVAR**
T Resch, Sweden
 - 15h20 **How to reduce and avoid radiation complications for the patient and surgeon**
B Modarai, UK
 - 15h40 **Evolving strategies for spinal cord protection in complex aortic aneurysm repair**
S Haulon, France
 - 16h00 **BREAK**
 - 16h30 **Case discussions on carotid, peripheral arteries and aorta**
- | Carotid | Peripheral | Aorta |
|------------------------|----------------------|-----------------------|
| Room 2.7 level 2 | Room 2.9 level 2 | Room 0.11. level 0 |
| JW Daemen
AR Naylor | M de Haan
M Ionac | EVerhoeven
T Resch |

Auditorium 2

	Aorta Moderators: GW Schurink, T Resch
08h30	Management of infrarenal AAA in young and fit patients H Verhagen, the Netherlands
08h50	EVAR in octogenarians J van Herwaarden, the Netherlands
09h10	What is new in perioperative screening and risk management N Dias, Sweden
09h30	Contemporary open aneurysm repair is more difficult than it was before: how to manage W Wisselink, the Netherlands
09h50	Troubleshooting during endovascular repair of the abdominal aorta D Böckler, Germany
10h10	Application of fusion and cone beam CT in aortic repair and reinterventions A Hertault, France
10h30	BREAK
	Peripheral arteries Moderators: R Hinchliffe, N Chakfe
11h00	Acute mesenteric ischemia: the necessity of an intestine stroke center O Corcos, France
11h20	Endovascular management of acute mesenteric ischemia N Peppelenbosch, the Netherlands
11h40	Colonic ischemia in vascular reconstructions I Koncar, Serbia
12h00	Arterial thrombolysis J van den Berg, Switzerland
12h20	Acute upper limb ischemia E Jean-Baptiste, France
12h40	The burden and management of acute limb ischemia F Cochenec, France
13h00	ADJOURN

Room 0.4/0.5

	Pelvic Congestive Syndrome Moderators: E Rabe, A Davies
08h30	Suggested questionnaire and classification to evaluate outcome in PCS M Whiteley, UK
08h45	Short and long term outcome after coiling in PCS M Wikkeling, the Netherlands
09h00	Does Ovarian Vein Embolization work for Pelvic Venous Insufficiency: A Multicenter Study P Pappas, USA
09h15	Causes of bad outcome and complications C Arnoldussen, the Netherlands
	Varices Moderators: K Bozkurt, M Gaastra
09h30	Endoluminal treatment of GSV incompetence 2nd choice after crossectomy and stripping? A Davies, UK
09h45	Reimbursement in C1 and C2 SCT is invalid A Krasznai, the Netherlands
10h00	Do QoL changes after varicose vein treatments, predict long term outcome F Catarinella, the Netherlands
10h15	Which techniques/methods/materials are obsolete L Kabnick, USA
10h30	BREAK
	Post Thrombotic Syndrome Moderators: C Wittens, P Pappas
11h00	Selective compression which parameters used? A ten Cate, the Netherlands
11h15	Do short term innovative results justify general use M Meissner, USA
11h30	Research to improve stent properties H Jalaie, Germany
11h45	Objective measurements influencing outcome IVUS/phlebography/MRV/ Duplex/pressure measurements A Davies, UK

Sunday, March 10

Room 0.4/0.5

Anticoagulation

Moderators: H Jalaie, H ten Cate

- 12h00 Are vitamin-K antagonists obsolete?
R Rennenberg, the Netherlands
- 12h15 Can sc LMWH be replaced by DOAC's in acute and chronic situations
M Meissner, USA
- 12h30 Bleeding risk profiles related to age and indications.
H ten Cate, the Netherlands
- 12h45 Is an antidote necessary?
C Wittens, the Netherlands
- 13h00 **LUNCH**
- 13h00 **DCoP lunch meeting**
- 14h00 **Satellite symposium, cases discussions, workshops**
- 15h30 **BREAK**
- 16h00 **Satellite symposium, cases discussions, workshops**

Monday, March 11

Room 0.4/0.5

Complications in stenting

Moderators: P Gloviczki, S Doganci

- 08h30 Contralateral Deep Vein Thrombosis After Iliac Vein Stenting: A Clear And Present Danger
P Gloviczki, USA
- 08h45 Technical issues; migration, misplacement, jailing in deep venous stenting?
H Jalaie, Germany
- 09h00 In stent stenosis due to?
M Barbat, Germany
- 09h15 Stent failure due to inadequate anticoagulation an issue?
J van Laanen, Netherlands
- Deep venous thrombosis**
Moderators: G O'Sullivan, H ten Cate
- 09h30 Outcome of the CAVA trial
P Notten, the Netherlands
- 09h45 Meta-analysis of CAVA, CAVENT and ATTRACT trials
C Wittens, the Netherlands
- 10h00 Pathophysiology and histochemistry in human DVT
A ten Cate, the Netherlands
- 10h15 Does pre-intervention MRV influence the intervention and outcome?
C Arnoldussen, the Netherlands
- 10h30 **BREAK**
- Treatment Controversies**
Moderators: P Gloviczki, H Jalaie
- 11h00 Vulva varices: does foam sclerotherapy work?
I Toonder, the Netherlands
- 11h15 Venous aneurysms, should they be treated?
H Jalaie, Germany
- 11h30 Klippel-Trenaunay, invasive versus conservative treatment options
M Dalsing, USA
- 11h45 Is IVUS the gold standard and is 50% cross-sectional area stenosis the threshold?
M de Haan, the Netherlands
- 12h00 **3D SURGICAL MOVIES**
- 13h00 **LUNCH**
- 13h00 **ECoP lunch meeting**
- 14h00 **Satellite symposium, cases discussions, workshops**
- 15h30 **BREAK**
- 16h00 **Satellite symposium, cases discussions, workshops**

Room 0.4/0.5

ICC meeting: Innovation in compression

Moderators: S Giancesini, C Wittens

08h30	Connected bandages: which could be the added value in lymphedema treatment JP Belgrado, Belgium
08h50	A smart wrap that applies appropriate pressures for each postural position E Arkans, USA
09h10	An innovative compression system providing low, sustained resting pressure and high, efficient working pressure J Damm, Sweden
09h30	Fast'n go bandage, bridging a gap for self-bandaging and homecare P Gonon, France
09h50	New sensors to measure compression parameters C Wittens, the Netherlands
10h10	Adjustable compression wraps: new data in venous and lymphatic diseases JP Benigni, France
10h30	BREAK
	Lymphoedema Moderators: M Neuman, E Rabe
11h00	Lymphedema is no diagnosis. New approach towards diagnosis R Damstra, the Netherlands
11h15	The venous component in breast cancer related lymphedema of the hand. L Vandermeeren, Belgium
11h30	Results of 15 years circumferential suction assisted lipectomy in arms and legs. A Lamprou, the Netherlands
11h45	European cooperation in European Reference Network for primary and pediatric lymphedema R Damstra, the Netherlands
	Upper extremity DVT Moderators: P Gloviczki, C Wittens
12h00	Treatment of upper extremity deep venous thrombosis: conservative vs. surgical. The UTOPIA trial. Gj de Borst, the Netherlands
12h15	Para-clavicular Decompression with Complete First Rib Resection and Flexible Subclavian Vein Reconstruction" R Thompson, USA
12h30	Trans-axillary Thoracic Outlet Decompression, recanalization, PTA and stenting. J Tejjink, Netherlands
12h45	Is stenting after a recanalization and PTA necessary after UEDVT? S Doganci, Turkey
13h00	ADJOURN

Venous Course: Satellite symposium, case discussions, workshops

Room	0.8	0.9	Training suites
Sunday	Satellite symposium	Case discussions	Workshops
14h00-15h30	Bayer	PTS experts: G O'Sullivan, S Doganci, P Gloviczki, H Jalaie, M de Haan, M Meissner	Duplex ultrasound (basic) Duplex ultrasound (advanced) MRV Varices (thermal ablation) Varices (non-thermal ablation) Compression ACT ulcera Liposuctie
BREAK			
16h00-17h30	Optimed	DVT experts: G O'Sullivan, H ten Cate, P Gloviczki, A Davies, M Meissner, J Tejjink	Duplex ultrasound (basic) Duplex ultrasound (advanced) MRV Varices (thermal ablation) Varices (non-thermal ablation) Compression ACT ulcera Liposuctie
Monday	Satellite symposium	Case discussions	Workshops
14h00-15h30	medi	Varicose veins experts: E Rabe, K Bozkurt, L Kabnick, A Krasznai, A Davies, M Gaastra	Deep vein recanalization Deep venous stenting Mechanical thrombectomy Lymphedema TOS / UEDVT PCS treatment Flow augmentation
BREAK			
16h00-17h30	Lohmann & Rauscher	PCS experts: M Whiteley, I Toonder, M Wikkeling, P Pappas, C Arnoldussen	Deep vein recanalization Deep venous stenting Mechanical thrombectomy Lymphedema TOS / UEDVT PCS treatment Flow augmentation

Room 2.I

Registries of international vascular access practice

Moderators: J Tordoir, V Mickley

08h30 **Vascular access patterns in Canada**
C Lok, Canada

08h50 **VA registry Sweden**
U Hedin, Sweden

09h10 **Debate: Vascular access practice in Europe is well organized compared to USA**
Pro: T Wilmink, UK
Con: M Glickman, USA

09h50 **Vascular access practice in Germany**
M Hollenbeck, Germany

10h10 **Dutch VA registry**
M Snoeijs, the Netherlands

10h30 **BREAK**

11h00 Video session

Moderators: W Jennings, T Wilmink

11h00 **Two-staged basilic vein elevation and transposition**
W Jennings, USA

11h20 **PAVA for ischemia**
V Mickley, Germany

11h40 **Cephalic vein superficialization**
D Shemesh, Israel

12h00 Case discussions

Moderator: V Mickley
Panel: S Baktiroglu, S Shenoy, M Gallieni

13h00 **LUNCH**

Room 2.I

Intervention VA complications

Moderators: M de Haan, S Baktiroglu

14h00 **Update on drug-coated balloons**
P Kitrou, Greece

14h20 **VA creation in patients with central vein obstruction**
V Matoussevitch, Germany

14h40 **Surgical thrombectomy versus catheter-directed thrombolysis for VA thrombosis; which is best**
U Hedin, Sweden

15h00 **Stents and stent graft for central vein obstruction**
R Brans, the Netherlands

15h20 **Randomized trial of computerized forecast fistula maturation**
N Zonnebeld, the Netherlands

16h00 **BREAK**

16h30 Case discussions

Moderator: H Wasse
Panel: U Hedin, M Hollenbeck, P Kitrou

18h00 **COCKTAIL**

Monday, March 11
Combined nurses & physician session

Monday, March 11

Room 2.I

AVF session	
Moderators: M van Loon, C Lok	
08h30	SLOT, RADAR, Laminate; any sense for AVF outcome S Shenoy, USA
08h50	Strategy for 100% functional AVF T Wilmink, UK
09h10	Ultrasound-guided endoAVF A Mallios, France
09h30	Sidebranch ligation to enhance maturation D Hentschel, USA
09h50	Autologous AVF in the old, comorbid patient; what do the guidelines recommend C Lok, Canada
10h10	Surgical or endovascular intervention for AVF nonmaturation H Wasse, USA
10h30	BREAK
PD & Video session	
Moderators: N Peppelenbosch, M Gallieni	
11h00	Laparoscopically assisted PD-Catheter Implantation A Pasch, Switzerland
11h20	Design and technique PD II trial N Peppelenbosch, Netherlands
11h40	Intervention for PD catheter complications M Gallieni, Italy

Auditorium I

12h00	3D SURGICAL MOVIES
13h00	LUNCH

Room 2.I

AVF session	
Moderators: M van Loon, C Lok	
14h00	Pathophysiology of VA induced ischemia V Mickle, Germany
14h20	Intraoperative quality control of AVF banding B Govaert, the Netherlands
14h40	Elbow proximal radial artery AVF prevents ischemia W Jennings, USA
15h00	Arterial inflow dilation for hypoperfusion D Shemesh, Israel
15h20	DRIL or PAVA, which is best? C Sessa, France
15h40	Wrap up: When is which intervention needed for ischemia M Lazarides, Greece
16h00	BREAK

Room 2.I

16h30	Case discussions
Moderator: S Lemson	
Panel: M Snoeijis, R Brans, M Weijmer	

Room 2.I

Graft/catheter session	
Moderators: J Tordoir, M Glickman	
08h30	What is new on catheter access M Weijmer, the Netherlands
08h50	Salvage of infected prosthetic AVG S Baktiroglu, Turkey
09h10	Network meta-analysis of AVG thrombosis treatment M Lazarides, Greece
09h30	What is new in biological AVG D Hentschel, USA
09h50	Balloon or stent-graft for AVG stenosis H Wasse, USA
10h10	Conversion of catheter to non-catheter dialysis improves patient survival J Kooman, the Netherlands

10h30 BREAK

Room 2.I

11h00 Innovations	
Moderators: H Wasse, U Hedin	
11h00	Vein predilation with the AFE system S Shenoy, USA
11h15	First experience with the bone anchored port M Widmer, Switzerland
11h30	AVG coatings and configurations M Glickman, USA
11h45	Endo AVF; the worldwide experience V Matoussevitch, Germany

Room 2.I

12h00	Case discussions (Toblerone session) Moderator: M Widmer Panel: C Lok, M Lazarides, H Wasse
13h00	ADJOURN

Room tbd

Aortic root	
Moderators: E Natour, G Bolotin	
08h30	Pathophysiology of aortic aneurysms: why do they not dissect? B Rylski, Germany
08h50	Assessment of the aortic root pathophysiology during cardiac surgery F Mahmood, USA
09h10	Cardiac anesthesiology in aortic surgery: safeguards and pitfalls W Buhre, the Netherlands
09h30	Management of aortic root aneurysms: valve sparing versus Bentall E Natour, the Netherlands
09h50	The subvalvular aortic ring: an alternative to the David/Yacoub procedures? T Fischlein, Germany
10h10	Management of patient prosthesis mismatch in the small aortic root: total root replacement or enlargement and future TAVI? G Bolotin, Israel

10h30 BREAK

Case discussions on aortic root	
Moderators: T Fischlein, E Natour	

11h00 Interactive case discussions

13h00 LUNCH

Room tbd

Workshops on aortic root	
Moderators: G Bolotin, R Lorusso, E Natour, T Fischlein	
14h00	Valve sparing procedures: David, Yacoub, subvalvular ring root enlargement
16h00	BREAK
16h30	Bentall stented/stentless procedures, root enlargement
18h00	COCKTAIL

Monday, March 11

Room tbd

Ascending aorta and aortic arch

Moderators: R Di Bartolomeo, M Jacobs

08h30 Management of type A aortic dissection: how to start and where to stop
R Heijmen, the Netherlands

08h50 Advantages of frozen elephant trunk in aortic arch pathology: when does it make a difference
R Di Bartolomeo, Italy

09h10 Why should we always use selective brain perfusion in open arch replacement?
M Pichlmaier, Germany

09h30 Total endovascular treatment of aortic arch aneurysms
S Haulon, France

09h50 Future perspectives of aortic arch replacement
R Heijmen, the Netherlands

10h10 Aortic arch and descending aortic replacement via left sided thoracotomy
M Jacobs, the Netherlands

10h30 **BREAK**

Case discussions on ascending aorta and aortic arch

Moderators: E Natour, M Pichlmaier

11h00 **Interactive case discussions**

12h00 **3D SURGICAL MOVIES**

13h00 **LUNCH**

Room tbd

Workshops on ascending aorta and aortic arch

Moderator: R Heijmen, M Pichlmaier, E Natour

14h00 Cerebral perfusion
Frozen elephant trunk

16h00 **BREAK**

16h30 Supra aortic debranching techniques

Tuesday, March 12

Room tbd

Advanced workshop on aortic repair

Moderators: M Tozzi, E Natour

08h30 Treatment on surgical model aortic root
Coronary ostia
Supra-aortic artery bypasses

10h30 **BREAK**

11h00 Treatment on surgical model
Total arch and elephant trunk techniques

13h00 **ADJOURN**