	Carotid artery
	Moderators: GJ de Borst, AR Naylor
08h30	ESVS guidelines on treatment of carotid artery disease AR Naylor, UK
08h50	Timing of carotid stenting in the hyperacute phase J van den Berg, Switzerland
09h10	Carotid revascularization in patients with contralateral carotid artery occlusion: stent or endarterectomy?  GJ de Borst, the Netherlands
09h30	Should the "accepted" risk thresholds of 6% for symptomatic and 3% for asymptomatic patients for performing CEA or CAS be reduced?  M Brown, UK
09h50	Algorithm for identifying high risk for stroke in asymptomatic patients H Sillesen, Denmark
10h10	Treatment of carotid stenosis in patients following intravenous thrombolysis and intra-arterial thrombectomy P Nederkoorn, the Netherlands
10h30	BREAK
	Aorta
	Moderators: M Jacobs, G Oderich
IIh00	Are current results of EVAR better than in the DREAM and EVAR-trials period? D Böckler, Germany
IIh20	Renal function impairment in patients undergoing elective EVAR and TEVAR N Dias, Sweden
IIh40	When and how to treat mural thrombus in the native aorta GW Schurink, the Netherlands
12h00	When and how to treat mural thrombus in aortic grafts B Mees, the Netherlands
12h20	Imaging acute aortic syndrome: challenging interpretation R McWilliams, UK
12h40	Techniques and results of covered endovascular reconstruction of the aortic bifurcation (CERAB)  M Reijnen, the Netherlands
13h00	LUNCH

	Aorta			
	Moderators: T Resch, C Z	eebregts		
I 4h00	Pathophysiologic mechanisms of aortic aneurysms and dissections in Connective tissue disease patients Z Mallat, UK			
14h20	Clinical features of patients with connective tissue diseases B Loeys, Belgium			
I4h40	Treatment options in patients with different forms of connective tissue diseases G Oderich, USA			
I 5h00	Case discussions on carotid, peripheral arteries and aorta			
	Room 2.7 (level I)	Room 2.9 (level 1)	Room 2.1 (level 1)	
	Carotid	Peripheral	Aorta	
	R Naylor	M Ionac	T Resch	
	GJ de Borst	A Mansilha	EVerhoeven	
I 6h30	BREAK			
I 7h00	Case discussions on carotid, peripheral arteries and aorta			
	Room 2.7 (level I)	Room 2.9 (level 1)	Room 2.1 (level 1)	
	Carotid	Peripheral	Aorta	
	JVos	M de Haan	C Zeebregts	
	JW Daemen	J Gahlen	S Haulon	
18h00	COCKTAIL			

## Monday, March 5

	Peripheral arteries
	Moderators: N Chakfe, R Hinchliffe
08h30	Venous arterialization K Houlind, Denmark
08h50	Vascular reconstruction and flaps for limb salvage F Vermassen, Belgium
09h10	Peri-operative management of the diabetic foot K Dhatariya, UK
09h30	Update on endovascular technology for peripheral vascular disease K Deloose, Belgium
09h50	Imaging in peripheral arterial disease and plaque characterization M Ohana, France
10h10	Assessment of perfusion in the lower limb M Venermo, Finland
I 0h30	BREAK
	Carotid artery
	Moderators: GJ de Borst, AR Naylor
IIh00	Can we define "high risk" for stenting and for surgery? HH Eckstein, Germany
I I h 20	Posterior circulation intervention: optimal imaging to detect extra cranial VA stenosis JAVos, the Netherlands
11h40	Posterior circulation intervention: VIST and VAST trials L Kapelle, the Netherlands
I2h00	3D SURGICAL MOVIES
13h00	LUNCH

#### Monday, March 5

A Hertault, France  I 4h20 How to teach the modern trainee in open and endovascular act J Schmidli, Switzerland  I 4h40 How to validate and implement new endovascular concepts H Verhagen, the Netherlands  I 5h00 Case discussions on carotid, peripheral arteries an Room 2.7 (level I) Room 2.9 (level I) Room 2.1  Carotid Peripheral Aorta GJ de Borst M Ionac E Verhoeve J Vos A Mansilha C Zeebreg  I 6h30 BREAK  I 7h00 Case discussions on carotid, peripheral arteries an Room 2.7 (level I) Room 2.9 (level I) Room 2.1  Carotid Peripheral Aorta Room 2.7 (level I) Room 2.9 (level I) Room 2.1  Carotid Peripheral Aorta R Naylor J Gahlen GW Schur	Audit					
14h00 What every vascular surgeon should know about radiation provided A Hertault, France  14h20 How to teach the modern trainee in open and endovascular active of Jack Schmidli, Switzerland  14h40 How to validate and implement new endovascular concepts Haverhagen, the Netherlands  15h00 Case discussions on carotid, peripheral arteries and Room 2.7 (level I) Room 2.9 (level I) Room 2.1 Carotid Peripheral Aorta Golde Borst Molonac Everhoeve A Mansilha Caechrese  16h30 BREAK  17h00 Case discussions on carotid, peripheral arteries and Room 2.7 (level I) Room 2.9 (level I) Room 2.1 Carotid Peripheral Aorta Room 2.7 (level I) Room 2.9 (level I) Room 2.1 Carotid Peripheral Aorta Room 2.7 (level I) Room 2.9 (level I) Room 2.1 Carotid Peripheral Aorta Roylor Jahlen GW Schur		Aorta				
A Hertault, France  I 4h20 How to teach the modern trainee in open and endovascular act J Schmidli, Switzerland  I 4h40 How to validate and implement new endovascular concepts H Verhagen, the Netherlands  I 5h00 Case discussions on carotid, peripheral arteries an Room 2.7 (level I) Room 2.9 (level I) Room 2.1  Carotid Peripheral Aorta GJ de Borst M Ionac E Verhoeve J Vos A Mansilha C Zeebreg  I 6h30 BREAK  I 7h00 Case discussions on carotid, peripheral arteries an Room 2.7 (level I) Room 2.9 (level I) Room 2.1  Carotid Peripheral Aorta Room 2.7 (level I) Room 2.9 (level I) Room 2.1  Carotid Peripheral Aorta R Naylor J Gahlen GW Schur		Moderators: C Zeebregts	, GW Schurink			
J Schmidli, Switzerland  I 4h40 How to validate and implement new endovascular concepts H Verhagen, the Netherlands  I 5h00 Case discussions on carotid, peripheral arteries an Room 2.7 (level I) Room 2.9 (level I) Room 2.1  Carotid Peripheral Aorta GJ de Borst M Ionac E Verhoeve J Vos A Mansilha C Zeebreg  I 6h30 BREAK  I 7h00 Case discussions on carotid, peripheral arteries an Room 2.7 (level I) Room 2.9 (level I) Room 2.1  Carotid Peripheral Aorta R Naylor J Gahlen GW Schur	I4h00	What every vascular surgeon should know about radiation protection  A Hertault, France				
H Verhagen, the Netherlands    Table   Case discussions on carotid, peripheral arteries an Room 2.7 (level I) Room 2.9 (level I) Room 2.1   Carotid Peripheral Aorta GJ de Borst JVos A Mansilha CZeebreg   Table   Ta	14h20	How to teach the modern trainee in open and endovascular aortic repair   Schmidli, Switzerland				
Room 2.7 (level I)  Carotid  GJ de Borst JVos  Room 2.9 (level I)  Room 2.1  M Ionac A Mansilha  C Zeebreg  16h30  BREAK  17h00  Case discussions on carotid, peripheral arteries an Room 2.7 (level I)  Room 2.9 (level I)  Room 2.9 (level I)  Room 2.1  Carotid R Naylor  A GW Schur	I4h40					
Carotid Peripheral Aorta GJ de Borst M Ionac EVerhoeve JVos A Mansilha CZeebreg  16h30 BREAK  17h00 Case discussions on carotid, peripheral arteries an Room 2.7 (level I) Room 2.9 (level I) Room 2.1  Carotid Peripheral Aorta R Naylor J Gahlen GW Schur	I 5h00	Case discussions on carotid, peripheral arteries and aorta				
GJ de Borst JVos  M Ionac A Mansilha  C Zeebreg  16h30  BREAK  17h00  Case discussions on carotid, peripheral arteries an Room 2.7 (level I)  Room 2.9 (level I)  Room 2.1  Carotid R Naylor  J Gahlen  GW Schur		Room 2.7 (level 1)	Room 2.9 (level 1)	Room 2.1 (level 1)		
Case discussions on carotid, peripheral arteries an Room 2.7 (level I) Room 2.9 (level I) Room 2.1		GJ de Borst	M Ionac	Aorta E Verhoeven C Zeebregts		
Room 2.7 (level I) Room 2.9 (level I) Room 2.1  Carotid Peripheral Aorta  R Naylor J Gahlen GW Schur	16h30	BREAK				
CarotidPeripheralAortaR NaylorJ GahlenGW Schur	I 7h00	Case discussions on carotid, peripheral arteries and aorta				
R Naylor J Gahlen GW Schur		Room 2.7 (level 1)	Room 2.9 (level 1)	Room 2.1 (level 1)		
JW Daemen M de Haan T Resch			•	<b>Aorta</b> GW Schurink T Resch		

## Tuesday, March 6

Audit	origin i
	Aorta Moderators: S Haulon, G Melissano
08h30	Prevention or selective management of type 2 endoleak T Kölbel, Germany
08h50	Mechanisms of malperfusion in acute type B aortic dissection G Melissano, Italy
09h10	What evidence do we have for treating "uncomplicated" type B aortic dissection B Modarai, UK
09h30	Endovascular treatment of chronic post dissection TAAA  EVerhoeven, Germany
09h50	Aortic surgery in patients with connective tissue disease S Haulon, France
10h10	Overview of complications in F/BEVAR and how to minimize them T Resch, Sweden
10h30	BREAK
	Peripheral arteries
	Peripheral arteries  Moderators: R Hinchliffe, N Chakfe
I Ih00	•
	Moderators: R Hinchliffe, N Chakfe  Which dressings for surgical wounds
	Moderators: R Hinchliffe, N Chakfe  Which dressings for surgical wounds  D Russel, UK  Alternatives to saphenous vein and synthetic materials for lower extremity revascularizations
11h20	Moderators: R Hinchliffe, N Chakfe  Which dressings for surgical wounds D Russel, UK  Alternatives to saphenous vein and synthetic materials for lower extremity revascularizations A Lejay, France  Management of infected vascular prostheses
	Moderators: R Hinchliffe, N Chakfe  Which dressings for surgical wounds D Russel, UK  Alternatives to saphenous vein and synthetic materials for lower extremity revascularizations A Lejay, France  Management of infected vascular prostheses A Weale, UK  Fusion image technology for aorta-iliac and SFA procedures
IIh20	Moderators: R Hinchliffe, N Chakfe  Which dressings for surgical wounds D Russel, UK  Alternatives to saphenous vein and synthetic materials for lower extremity revascularizations A Lejay, France  Management of infected vascular prostheses A Weale, UK  Fusion image technology for aorta-iliac and SFA procedures N Chakfé, France  Update on antibiotic regimes, especially in the diabetic foot

	Pelvic congestive syndrome
	Moderators: M Wikkeling, R de Graaf
08h30	Diagnostics in PCS; the value of dynamic MRV C Arnoldussen, the Netherlands
08h50	Indications and methods for gonadal vein embolization in PCS patients M Whiteley, UK
09h10	Indications and methods for May-Thurner and/or left renal vein stenting in PCS patients  O Hartung, France
	Varicose veins
	Moderators: M Whiteley, W van Gent
09h30	Neovascularization after endovenous laser ablation, a cause of truncal recurrence?  I Mohan, Australia
09h50	Endovenous thermal venous ablation anno 2018 E Rabe, Germany
10h10	Endovenous non-tumescent venous ablation anno 2018 K Bozkurt, Turkey
10h30	BREAK

	Post trombotic syndrome
	Moderators: G O'Sullivan, J van Laanen
11h00	The value of PTA with consecutive thrombolysis in patients suffering from a peripheral venous obstruction M Garcia, USA
IIh20	The value of stenting in PTS patients due to central venous obstruction C Wittens, the Netherlands
IIh40	The value of conservative treatment in PTS patients anno 2018 S Kahn, Canada
	Inferior vena cava
	Moderators: A Davies, M Lichtenberg
12h00	Ilio-caval bifurcated stenting R de Graaf, the Netherlands
12h20	Risks for PE in IVC stenting; is it an issue? G O'Sullivan, Ireland
12h40	Surgical reconstructions for intraluminal IVC pathology P Gloviczki, USA
13h00	LUNCH
14h00	Satellite symposium, video assisted cases discussions, guidelines session, free paper session, workshops
15h30	BREAK
16h00	Satellite symposium, video assisted cases discussions, guidelines session, free paper session, workshops
18h00	COCKTAIL

# Monday, March 5

Room	0.4/0.5		
	Venous leg ulcers		
	Moderators: M Neumann, H Jalaie		
08h30	The ideal workup in a specialized clinic for patients with venous ulcers M Gohel, UK		
08h50	Best invasive treatment strategy in venous ulcer patients M Meissner, USA		
09h10	Best compression therapy in venous ulcer patients G Mosti, Italy		
	Deep venous trombosis		
	Moderators: C Wittens, G O'Sullivan		
09h30	The Attract trial results differentiated for LET2 and LET3 (and 4) DVT patients SVandanthem, USA		
09h50	The CaVenT trial results differentiated for LET2 and LET3 (and 4) DVT patients P Sandset, Norway		
10h10	Indications for endovenous catheter directed thrombolyses in PE patients I Baumgartner, Switzerland		
10h30	BREAK		
	Value based healthcare		
	Moderators: C Wittens, M Meissner		
IIh00	What are the prerequisites for an ideal dataset to evaluate care; the future of ICHOM  M Ingvar, Sweden		
IIh20	The best available QoL and clinical scores for venous disease evaluated F Catarinella, the Netherlands		
IIh40	Why and how to calculate a Qaly and ICER and the critical values for reimbursed care A Davies, UK		
12h00	3D SURGICAL MOVIES (Auditorium I)		
13h00	LUNCH		
13h00	ECoP lunch meeting		
14h00	Satellite symposium, video assisted cases discussions, guidelines session, free paper session, workshops		
15h30	BREAK		
16h00	Satellite symposium, video assisted cases discussions, guidelines session, free paper session, workshops		

## Tuesday, March 6

	ICC meeting
08h30	ICC meeting
10h30	BREAK
	Sclerocompression therapy Moderators: E Rabe, I Mohan
IIh00	The real value of foam SCT in venous disease E Rabe, Germany
IIh20	Complications in (F)SCT; how to prevent and to treat them A Giannoukas, Greece
IIh40	The value of post treatment compression A Kraznai, the Netherlands
	Innovations after 2018
	Moderators: P Gloviczki, M Meissner
	Floder ator S. F. Gloviczki, F. F. Felssher
12h00	Invasive deep venous pathology treatment; what is new in 2018 C Wittens, the Netherlands
12h00 12h20	Invasive deep venous pathology treatment; what is new in 2018
	Invasive deep venous pathology treatment; what is new in 2018  C Wittens, the Netherlands  Invasive superficial venous pathology treatment; what is new in 2018
12h20	Invasive deep venous pathology treatment; what is new in 2018  C Wittens, the Netherlands  Invasive superficial venous pathology treatment; what is new in 2018  M Whiteley, UK  Conservative deep and/or superficial venous pathology treatment
12h20 12h40	Invasive deep venous pathology treatment; what is new in 2018  C Wittens, the Netherlands  Invasive superficial venous pathology treatment; what is new in 2018  M Whiteley, UK  Conservative deep and/or superficial venous pathology treatment  T Comerota, USA  EVC / ECOP Awards

## **Overall European Venous Course / ECoP program**

	Room 0.4/0.5	Room 0.1	Room 0.8	Room 0.9	2nd Floor
Sunday	, March 4				
08h30 - 09h30	Pelvic congestive syndrome	Guideline session Perforating vein			
09h30 - 10h30	Varicose veins				
11h00 - 12h00	Post trombotic syndrome	Guideline session Ulcer treatment			
12h00 - 13h00	Inferior vena cava				
14h00 - 15h30	Satellite symposium	Guideline session PCS	Video assisted case discussions	Free papers session	Workshops
16h00 - 17h30	Satellite symposium	Guideline session Truncal vein ablation	Video assisted case discussions	Free papers session	Workshops
Monda	y, March 5				
08h30 - 09h30	Venous leg ulcers	Guideline session AV malformation			
09h30 - 10h30	Deep venous trombosis				
11h00 - 12h00	Value based healthcare	Guideline session sclerotherapy			
13h00 - 14h00		ECoP lunch meeting			
14h00 - 15h30	Satellite symposium	Guideline session PTS	Video assisted case discussions	Free papers session	Workshops
16h00 - 17h30	Satellite symposium	Guideline session DVT	Video assisted case discussions	Free papers session	Workshops
Tuesda	y, March 6				
08h30 - 10h30	ICC meeting	Guideline session Neo varices			
11h00 - 12h00	Sclerocompression therapy	Guideline session compression			
12h00 - 13h00	Innovations after 2018				
13h00 - 13h30	EVC / ECoP awards and adjourn				

Addic	
	<b>Decision-making for vascular access</b> Moderators: J Tordoir, V Mickley
08h30	Shared decision: which access for which patient C Lok, Canada
08h50	Physical examination and access strategy T Pourchez, France
09h10	Arteriovenous fistula outcome and costs T Lee, USA
09h30	Intraoperative VA ultrasound S Shenoy, USA
09h50	Selection optimal upper extremity access KWoo, USA
10h10	Patient-centered guidelines M Hollenbeck, Germany
10h30	BREAK
	<b>Video session</b> Moderators: M Lazarides, M Weijmer
IIh00	Lower extremity vein transposition  D Shemesh, Israel
IIhI5	Hero graft placement V Matoussevitch, Germany
IIh30	Laparoscopic PD catheter placement and revision N Peppelenbosch, the Netherlands
11h45	Endo AVF technique M Glickman, USA
12h00	Case based discussion
	Moderator:T Wilmink Panel: S Baktiroglu, M Glickman, M Hollenbeck
13h00	LUNCH

	<b>Endovascular intervention access</b> Moderators: M Widmer, D Shemesh
14h00	Wait or pre-emptive intervention of vascular access LTurmel Rodrigues, France
14h20	Nonmatured AVF: has intervention any sense?  C Hohl, Germany
14h40	Balloons and/or stents for recurrent stenosis H Wasse, USA
15h00	The cephalic arch paradigm R Jones, UK
15h30	BREAK
I 6h00	Case based discussion  Moderator: M Gallieni  Panel: V Mickley, V Matoussevitch, H Wasse
18h00	COCKTAIL

	Combined Nurses and Physicians session  AVF session
	2112 00001011
	Moderators: P Bourquelot, S Baktiroglu
08h30	From bench to bedside AVF research  J Rotmans, the Netherlands
08h50	Vascular access ultrasound mapping H Wasse, USA
09h10	Infrared spectrometry of vascular access N Inston, UK
09h30	Cannulation practice in newly created fistulae T Wilmink, UK
09h50	Upper arm transposed fistulae or prosthetic graft? KWoo, USA
10h10	Prevention of AVF-related ischemia C Sessa, France
10h30	BREAK
	Combined Nurses and Physicians session
	AVF session
	Moderators: M van Loon, N Inston
IIh00	Drug-coated balloons tbd
IIh20	Cardiovascular mortality and early VA placement T Lee, USA
IIh40	When to intervene for high-flow access  J Malik, Czech Republic
12h00	3D SURGICAL MOVIES (Auditorium I)
13h00	LUNCH

#### **Auditorium 2**

	Combined Nurses and Physicians session Catheter session
	Moderators: M Malovrh, N Peppelenbosch
14h00	Central venous access policy for vein preservation HWasse, USA
14h20	Hemodialysis catheter noninfectious complications C Lok, Canada
14h40	Flow dynamics of contemporary catheters T Pourchez, France
15h00	Strategy for zero infection of tunneled catheters M Weijmer, the Netherlands
15h30	BREAK
I 6h00	Case based discussion
	Moderator: S Lemson Panel: M Lazarides, K Woo, M Snoeijs

#### Room 2.1

#### 08h30 Rotation workshops

- Preoperative & postoperative ultrasound
- Catheter
- Vascular Access Surgical Model (Vascular International) (max 15 spots, additional registration required)

Moderators: Weijmer, Gallieni, Shemesh, Shenoy, Widmer, Mickley, Glickman

#### 10h30 BREAK

#### 11h00 Rotation workshops

- · Preoperative & postoperative ultrasound
- Catheter
- Vascular Access Surgical Model (Vascular International) (max 15 spots, additional registration required)

 ${\it Moderators: Weijmer, Gallieni, Shemesh, Shenoy, Widmer, Mickley, Glickman}$ 

#### 13h00 LUNCH

## Tuesday, March 6

Graft session
Moderators: J Tordoir, S Shenoy
Early stick AVG versus catheter access E Aitken, UK
Graft modulation and outcome B Mees, the Netherlands
Graft surveillance and intervention M de Haan, the Netherlands
Polyurethane and acuseal AVG for acute dialysis MTozzi, Italy
Lower extremity AVG M Lazarides, Greece
Indication and technique thorax vascular access V Mickley, Germany
BREAK
Graft session
Graft session  Moderators: M Malovrh, T Wilmink
Moderators: M Malovrh, T Wilmink  Nonthrombotic complications of AVG
Moderators: M Malovrh, T Wilmink  Nonthrombotic complications of AVG  M Glickman, USA  Hero graft as last resort access
Moderators: M Malovrh, T Wilmink  Nonthrombotic complications of AVG  M Glickman, USA  Hero graft as last resort access  N Inston, UK  Conversion of AVF to AVG
Moderators: M Malovrh, T Wilmink  Nonthrombotic complications of AVG M Glickman, USA  Hero graft as last resort access N Inston, UK  Conversion of AVF to AVG S Shenoy, USA
Moderators: M Malovrh, T Wilmink  Nonthrombotic complications of AVG M Glickman, USA  Hero graft as last resort access N Inston, UK  Conversion of AVF to AVG S Shenoy, USA  Case based discussion "Toblerone session" Moderator: M Widmer

#### **Auditorium I**

#### **3D Surgical Movies**

Special Event

12h00 Using 3D cameras we will record open complex aortic and deep venous reconstructions and demonstrate these high definition edited movies in the main auditorium.

At the entrance of the auditorium you will receive 3D glasses to enjoy the beautiful dimensions of surgery!

For training purposes and to increase patient outcome, new imaging and 3D techniques are developed to allow preoperative planning and virtual performance of endovascular and open surgical procedures.

We will show you latest technologies to make this possible!





