



# Preliminary Program

# 21<sup>st</sup> European Vascular Course

## Welcome to the 21<sup>st</sup> European Vascular Course

Dearest colleague,

Enclosed you will find the preliminary program of EVC 2017, which will be presented on Sunday, Monday and Tuesday March 5-7 in Maastricht, the Netherlands. New is that the venous program is composed in close collaboration with the European College of Phlebology (ECoP). The UEMS Section and Board of Vascular Surgery will organize the FEBVS assessment at EVC on Saturday, March 4.

EVC 2017 will offer:

### Arterial program

- 40 invited lectures on arterial subjects
- Arterial textbook
- Edited video's on surgical and endovascular techniques
- Case discussions on carotid, peripheral and aortic subjects
- Program integration with medical industry
- Vascular master classes on carotid, aortic and peripheral endovascular and surgical procedures
- Master class on scientific writing
- Anastomotic master class

### Venous program

- New: collaboration with ECoP
- 55 lectures on venous subjects
- Free paper sessions
- Venous abstract book
- Twelve video edited live-case discussions
- Guideline-sessions represented by 24 European Venous Societies.
- International Compression Club meeting (ICC)
- Program integration with medical industry

- Venous master classes on thrombolysis, stenting, endovascular ablation, and duplex.

### Vascular access program

- 45 invited lectures on access subjects
- Vascular access textbook
- Edited videos on vascular access procedures
- Case based discussions
- Vascular access surgical model (Vascular International)
- Vascular access master class on human cadaver models
- Workshops on Duplex and catheters

### General

- Membership of EVC community and E-learning curriculum
- More than 2000 participants (in 2016)

## Our goal is to educate and inspire

The main goal of EVC is to provide theoretical and practical education offering participants the most recent knowledge on arterial, venous and vascular access subjects.

In addition to the invited lectures, instructive edited videos, master classes and workshops, all participants receive the high level quality text- and abstract book at registration. Furthermore, we offer and promote challenging case discussions in small groups where you can share your views and experience together with the experts in the field. Finally, our industry partners will inform you on their latest innovations and developments during their workshops.

We look forward to welcome you at our 21<sup>st</sup> European Vascular Course!

Michael Jacobs, Cees Wittens and Jan Tordoir, on behalf of all EVC directors;



- **European Vascular Course:** Michael Jacobs, Stephan Haulon, Tim Resch, Rob Hinchliffe, Geert-Willem Schurink, Eric Verhoeven, Gert-Jan de Borst, Nabil Chakfé.
- **European Venous Course / ECoP:** Cees Wittens, Niels Bækgaard, Alun Davies, Martino Neumann, Eberhard Rabe, Jorinde van Laanen, Rick de Graaf, Houman Jalaie
- **European Vascular Access Course:** Jan Tordoir, Volker Mickley, Matthias Widmer, Marcel Weijmer, Noud Peppelenbosch, Magda van Loon

**Auditorium I**

**Carotid artery**

Moderators: GJ de Borst, AR Naylor

- 08h30 **Safety of carotid revascularization within 48 hours of symptomatic presentation**  
I Loftus, UK

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- 08h50 **Evidence overview: perioperative blood pressure control for periprocedural stroke prevention**  
AR Naylor, UK

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- 09h10 **Evidence for periprocedural antiplatelet therapy, heparinization and bridging of coumarin therapy**  
GJ de Borst, the Netherlands

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- 09h30 **Evidence overview: anatomical criteria determining patients at high risk for carotid surgery**  
HH Eckstein, Germany

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- 09h50 **Evidence overview: anatomical criteria determining patients at high risk for carotid stenting**  
J van den Berg, Switzerland

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- 10h10 **Evidence overview: benefit of cerebral protection devices during carotid artery stenting**  
JVos, the Netherlands

10h30 **BREAK**

**Aorta**

Moderators: M Jacobs, C Koksal

- 11h00 **Is volume important in aneurysm treatment outcome?**  
E Verhoeven, Germany

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- 11h20 **Tips and tricks in vascular access for (T)EVAR**  
T Kölbel, Germany

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- 11h40 **What do we need for planning of regular and complex endovascular aortic procedures**  
G Oderich, USA

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- 12h00 **“Off-label” use of endovascular aortic repair**  
B Mees, the Netherlands

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- 12h20 **Secondary interventions after EVAR/TEVAR and branched/fenestrated endografting**  
T Resch, Sweden

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- 12h40 **Treatment of acute thoraco abdominal aortic aneurysms**  
G Melissano, Italy

13h00 **LUNCH**

**Auditorium I**

**Aorta**

Moderators: T Resch, G Oderich

- 14h00 **Why would I choose for a specific endovascular graft in aortic aneurysm treatment?**  
D Böckler, Germany  
JP de Vries, the Netherlands  
E Verhoeven, Germany  
S Haulon, France  
B Geelkerken, the Netherlands

**15h00 Case discussions on carotid, peripheral arteries and aorta**

Room 2.7 (level I)	Room 2.9 (level I)	Room 2.1 (level I)
<b>Carotid</b>	<b>Peripheral</b>	<b>Aorta</b>
R Naylor	M Ionac	T Resch
GJ de Borst	A Mansilha	E Verhoeven

16h30 **BREAK**

**17h00 Case discussions on carotid, peripheral arteries and aorta**

<b>Carotid</b>	<b>Peripheral</b>	<b>Aorta</b>
JVos	M de Haan	C Zeebregts
JW Daemen	J Gahlen	S Haulon

18h00 **COCKTAIL**

**Auditorium I**

**Peripheral arteries**

Moderators: N Chakfe, R Hinchliffe

- 08h30 **Current management of inguinal false aneurysms**  
K Houliind, Denmark

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- 08h50 **Follow-up and surveillance of vein grafts: when and how to intervene to prevent complications?**  
R Chalmers, UK

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- 09h10 **Update on current debulking techniques for recanalization of the superficial femoral artery**  
J van den Berg, Switzerland

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- 09h30 **Management of ambulatory (day case) endovascular procedures**  
Y Goueffic, France

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- 09h50 **Supervised exercise therapy: does it work and how to set up a program?**  
J Tejjink, the Netherlands

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- 10h10 **Medical management of the patient with peripheral arterial disease**  
J Brittenden, UK

10h30 **BREAK**

**Carotid artery**

Moderators: GJ de Borst, AR Naylor

- 11h00 **Is there a place for conservative treatment in symptomatic carotid artery disease?**  
M Brown, UK

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- 11h20 **Biobanking in carotid artery disease: translation to clinical practice**  
G Pasterkamp, the Netherlands

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- 11h40 **Relevance of new DWI-MR brain lesions as surrogate endpoints in carotid intervention**  
M Brown, UK

12h00 **SPECIAL GUEST**

13h00 **LUNCH**

**Auditorium I**

**Aorta**

Moderator: C Zeebregts, GW Schurink

- 14h00 **Medical treatment of aortic disease**  
J Powell, UK

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  - 14h25 **Overview of current knowledge on etiology, natural history and treatment of aortic dissection**  
J Elefteriades, USA

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  - 15h00 **Case discussions on carotid, peripheral arteries and aorta**
- | Room 2.7<br>(level I) | Room 2.9<br>(level I) | Room 2.1<br>(level I) |
|-----------------------|-----------------------|-----------------------|
| <b>Carotid</b>        | <b>Peripheral</b>     | <b>Aorta</b>          |
| GJ de Borst           | M Ionac               | E Verhoeven           |
| J Vos                 | A Mansilha            | C Zeebregts           |

16h30 **BREAK**

17h00 **Case discussions on carotid, peripheral arteries and aorta**

<b>Carotid</b>	<b>Peripheral</b>	<b>Aorta</b>
R Naylor	J Gahlen	GW Schurink
JW Daemen	M de Haan	T Resch

**Auditorium I**

<b>Aorta</b>	
Moderators: S Haulon, G Melissano	
08h30	Long term results of outside “instruction for use” EVAR H Verhagen, the Netherlands
08h50	Learning curves in TAAA branched grafting T Mastracci, UK
09h10	What should we expect from the hybrid room? S Haulon, France
09h30	Evidence for and risks of endovascular treatment of asymptomatic acute type B aortic dissection R Clough, UK
09h50	Distal aortic reinterventions after treatment of acute and chronic type B dissection GW Schurink, the Netherlands
10h30	<b>BREAK</b>
<b>Peripheral arteries</b>	
Moderators: R Hinchliffe, N Chakfe	
11h00	Management of acute aortic thrombosis S Debus, Germany
11h20	Chronic visceral ischemia: when to intervene on patients with celiac/SMA stenosis B Geelkerken, the Netherlands
11h40	How to manage hypertension associated with renal artery stenosis JB Ricco, France
12h00	Acute mesenteric ischemia: current multidisciplinary approach R Tripathi, India
12h20	How a vascular surgeon can help in kidney transplantation A Lejay, France
12h40	Arterial pathologies in sportmen R Hinchliffe, UK
13h00	<b>ADJOURN</b>

**Room 0.4/0.5**

<b>Deep venous interventions part I</b>	
Moderators: H Jalaie, N Baekgaard	
08h30	Incidence and level of DVT N Baekgaard, Denmark
08h42	Einstein extension trials M Prins, the Netherlands
08h54	Residual thrombus detection with IVUS: implications S Raju, USA
09h06	Rheolytic thrombectomy for the management of DVT: indications, techniques and final report of a prospective multi-center registry A Amin, USA
09h18	D-Dimer during CDT J Dalsgaard Nielsen, Denmark
09h30	Does DVT interventions work? Lessons from ATTRACT trial M Razavi, USA
09h42	Idiopathic DVT, does it exist R Strijkers, the Netherlands
09h54	Management of DVT in special patients (pregnancy/cancer) G O'Sullivan, Ireland
10h06	Do patients benefit from an intervention yes or no <b>DEBATE:</b> S Raju (no) / G O'Sullivan (yes)
10h30	<b>BREAK</b>

Room 0.4/0.5

**Deep venous interventions part 2**

Moderators: R de Graaf, C Wittens

- 11h00 **Does conservative treatment improve complaints and QoL in PTS**  
A ten Cate, the Netherlands

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- 11h12 **Long-term follow up in PTS stenting**  
M de Wolf, the Netherlands

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- 11h24 **Flow augmentation after a deep venous reconstruction**  
S Duganci, Turkey

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- 11h36 **Outcome after venous stenting, quality of life is more important than patency**  
F Catarinella, the Netherlands

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- 11h48 **QoL improvement after 6 years sustainable?**  
M Smeets, the Netherlands

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- 12h00 **Self assessed clinical score as good as the physicians score**  
T van Vuuren, the Netherlands

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- 12h12 **Venous stent trials: an update**  
M Lichtenberg, Germany

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- 12h24 **Endovascular treatment of deep venous obstruction beyond scepticism, do we really need a RCT?**  
A Davies, UK

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- 12h36 **Can we predict outcome after stenting**  
**DEBATE:** M Meissner (no) / H Jalaie (yes)

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- 13h00 **LUNCH**

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- 14h00 **ICC meeting, guideline sessions, video cases, free paper sessions and master classes** (see page 14)

Room 0.4/0.5

**Deep venous interventions part 3**

Moderators: J van Laanen, N Baekgaard

- 08h30 **Endophlebectomy of common femoral vein ancillary to deep venous stenting in PTS**  
H Jalaie, Germany

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- 08h42 **Lymphatic involvement in PTS**  
A Gombert, Germany

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- 08h54 **Wound problems after endophlebectomy**  
J van Laanen, the Netherlands

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- 09h06 **Thrombosis after venous recanalization**  
M Barbaty, Germany

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- 09h18 **The art of venous stenting: there is a lot we do not know**  
M Razavi, USA

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- 09h30 **Stenting below the saphenofemoral junction, a controversy**  
R de Graaf, the Netherlands

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- 09h42 **What are the absolute requirements for venous stents. Lessons learned**  
C Wittens, the Netherlands

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- 09h54 **The European stent registry**  
O Hartung, France

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- 10h06 **Is an intervention worth it**  
**DEBATE:** M Meissner (no) / C Wittens (yes)

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- 10h30 **BREAK**

**Deep venous interventions part 4**

Moderators: A Davies, H Jalaie,

- 11h00 **Update on key bits of haemodynamics**  
BB Lee, USA

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- 11h12 **Haemodynamics in venous disease: new insights**  
M Meissner, USA

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- 11h24 **Measuring flow within the venous system, how should we do it?**  
I Toonder, the Netherlands

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- 11h36 **Stent geometry and physics are crucial**  
**DEBATE:** S Black (no) / R de Graaf (yes)

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- 12h00 **SPECIAL GUEST**

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- 13h00 **LUNCH**

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- 14h00 **ICC meeting, guideline sessions, video cases, free paper sessions and master classes** (see page 14)

**Room 0.4/0.5**

**Controversies in varicose vein interventions**

Moderators: E Rabe, A Davies

- 08h30 **Phlebectomy or Sclerosant to treat the tributary veins**  
S Chastanet, France

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- 08h42 **When should I do NTNT ablation of the truncal veins**  
L Rasmussen, Sweden

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- 08h54 **Re-intervention rather than recurrence should be the key indicator to measure the outcome of intervention**  
A Davies, UK

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- 09h06 **Recurrence: are there genetic factors that predict recurrence**  
A van Rij, New Zealand

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- 09h18 **Are there any drug therapies that prevent recurrence?**  
A Mansilha, Portugal

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- 09h30 **Is there a role for pharmacological prophylaxis of VTE after VV interventions**  
J Lawson, the Netherlands

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- 09h42 **QoL outcome after different treatments for varicose veins in a cohort of 7000 patients**  
F Catarinella, the Netherlands

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- 09h54 **Long-term outcome of different RCT's for varicose vein treatments**  
YL Lam, the Netherlands

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- 10h06 **Do venous interventions prevent progression**  
**DEBATE:** A Davies (no) / W van Gent (yes)

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- 10h30 **BREAK**

**Compression**

Moderators: M Neumann, E Rabe

- 11h00 **Translation of pressure during walking from the device to the vessels**  
K Franken-van der Wegen, the Netherlands

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- 11h12 **Patients compliance in compression treatment**  
A Cornu Thenard, France

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- 11h24 **Changes in venous anatomy due to compression**  
JF Uhl, France

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- 11h36 **Sensors in compression garmements to measure efficacy**  
C Wittens, the Netherlands

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- 11h48 **Evidence for compression to improve venous symptoms and quality of life**  
E Rabe, Germany

- 12h00 **Evidence for compression after venous interventions**  
R Bootun, UK

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- 12h12 **Evidence for early compression after DVT**  
R Bashir, USA

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- 12h24 **Compression in rare indications**  
G Mosti, Italy

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- 12h36 **Does compression prevent progression**  
**DEBATE:** R Bashir (no) / E Rabe (yes)

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- 14h00 **Closing and Awards**

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- 14h30 **General assembly ECoP members**

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- 16h00 **ADJOURN**

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

	Room 0.4 / 0.5	Room 0.1	Room 0.8	Room 0.9	Second floor
<b>Sunday, 5 March</b>					
08h30-10h30	Deep venous interventions part 1	Guideline: compression			
11h00-13h00	Deep venous interventions part 2	Guideline: sclerotherapy			
14h00-15h30	ICC meeting	Guideline: Truncal vein ablation	Video edited live-case discussions	Free papers session	Master classes
16h00-17h30	ICC meeting	Guideline: Perforating vein ablation	Video edited live-case discussions	Free papers session	Master classes
<b>Monday, 6 March</b>					
08h30-10h30	Deep venous interventions part 3	Guideline: neo-varices			
11h00-13h00	Deep venous interventions part 4	Guideline: Ulcer treatment			
14h00-15h30	ICC meeting	Guideline: PCS treatment	Video edited live-case discussions	Free papers session	Master classes
16h00-17h30	ICC meeting	Guideline: AV malformations	Video edited live-case discussions	Free papers session	Master classes
<b>Tuesday, 7 March</b>					
08h30-10h30	Controversies in varicose vein interventions	Guideline: DVT treatment			
11h00-13h00	Compression	Guideline: PTS treatment			
14h00-14h30	Closing and Awards				
14h30-16h00	General assembly ECoP members				

**Room 0.8****Video edited live case discussions:**

1	GSV ablation with cryanoacrylate glue
2	Bifurcated stenting of the IVC and iliac veins
3	Endophlebectomy of the CFV
4	Phlebectomy; tips and tricks
5	IVUS to improve venous stenting outcome
6	Optimisation of MRV in venous diagnostics
7	Duplex of the central deep venous system
8	Complications in iliac vein stenting
9	Improvement in venous compression
10	Thrombolysis in DVT: tips and tricks
11	Endovenous laser ablation: the influence of tip geometry and physics
12	Non-tumescent ablation of the GSV using Clarivein



**Auditorium 2**

**Fifty years of Brescia/Cimino/Appel/Hurwich RCAVF  
Is it still feasible nowadays?**

Moderators: V Mickle, J Tordoir

**09h00** Surgical technique determines the outcome of the Brescia/Cimino AVF  
S Shenoy, USA

**09h12** Preoperative ultrasound still valuable for RCAVF creation?  
M Malovrh, Slovenia

**09h24** Is shear stress a key factor for AVF maturation?  
A Remuzzi, Italy

**09h36** Endovascular maturation enhancement makes functional fistulae  
P Haage, Germany

**09h48** Pharmacological treatment of AVF nonmaturation  
J Rotmans, the Netherlands

**10h00** Patients factors and fistula outcome  
J Hanko, Ireland

**10h12** General, regional or local anesthesia for successful radial cephalic arteriovenous fistula?  
D Shemesh, Israel

**10h24** We need to make better fistulae  
C Lok, Canada

**10h36** **BREAK**

**Auditorium 2**

**Video session**

Moderators: M Widmer, M Gallieni

**11h00** DRIL procedure  
E Peden, USA

**11h10** RUDI  
M Scheltinga, the Netherlands

**11h20** Basilic vein transposition  
M Lazarides, Greece

**11h30** Lower extremity AVG  
D Kingsmore, UK

**11h40** The French way of vascular access creation and maintainance  
P Bourquelot, France

**12h00** Case based discussion  
Moderator : M Widmer  
panel: H Wasse, M Glickman, M Weijmer

**13h00** **LUNCH**

**Room 0.11**

**Workshops**

Moderators: M Malovrh, M Weijmer, M Gallieni, M Widmer, V Mickle

**14h00** Vascular International MECC Forum  
(registration needed)

**15h30** **BREAK**

**16h00** Duplex ultrasound / catheter  
(registration needed)

**18h00** **COCKTAIL**

**Auditorium 2****Combined Nurses and Physicians session**

Moderators: J Tordoir, S Shenoy

**09h00** Optimal timing for vascular access creation

T Jemcov, Serbia

**09h12** Early cannulation and AVF survival

T Wilmink, UK

**09h24** Effect of intensive hemodialysis on fistula performance

C Lok, Canada

**09h36** Catheter lock solution and infection

L Labriola, Belgium

**09h48** Antegrade, retrograde and femoral approach for jugular vein catheters

M Weijmer, the Netherlands

**10h00** Patient awareness and initiation of peritoneal dialysis

H Wasse, USA

**10h12** Consequences of conversion from PD to HD and vice versa

M Gallieni, Italy

**10h30** **BREAK****Combined Nurses and Physicians session**

Moderators: H Wasse, P Haage

**11h00** Cannulation technique and AVF/AVG survival

M Parisotto, Germany

**11h12** Stent grafts for venous anastomosis and cannulation zone stenosis

D Shemesh, Israel

**11h24** Biological and drug eluting grafts

M Glickman, USA

**11h36** Bio engineered access grafts

J Lawson, USA

**11h48** Hybrid grafts; indications and performance

E Peden, USA

**Auditorium 1****12h00** **SPECIAL GUEST****13h00** **LUNCH****Auditorium 2****Symposium vaattoegang (Dutch language)**

Voorzitters: M van Loon, M ter Meer

**14h00** V Wing voor cannulatie problemen

F van Hoek, Nijmegen

**14h15** Implementatie van vaattoegangsrichtlijnen en praktijkdata

P van Malderen, OLV-ZH Aalst

**14h30** Computer simulatie voor de aanleg van fistels

J Tordoir, Maastricht

**14h45** Verschil in verbandmiddelen bij afdrucken van shunts

M ter Meer, Amsterdam

**15h00** **Casus bespreking**

Moderator: S Lemson, Doetinchem

**Room 2.7/2.8/2.9/2.10****Workshops Verpleegkundigen**

- 09h00**
1. Lichamelijk onderzoek;
  2. Ultrageluids onderzoek;
  3. Cannulatie (registratie nodig)

Monday, March 6

**Anatomy department (MUMC, across the street) for physicians**

<b>13h00</b>	<b>Anatomy course (registration needed)</b> Moderators: A Lataster, S Shenoy, M Glickman, M Lazarides, D Shemesh, T Wilmink, V Mickle, M Widmer, S Baktiroglu, E Peden
<b>13h00</b>	<b>lunch + presentation upper extremity anatomy</b> A Lataster
<b>13h30</b>	<b>Human cadaver dissection</b>
<b>15h00</b>	<b>Break</b>
<b>15h30</b>	<b>AV anastomosis/ graft implantation on human cadaver specimens</b>

Monday, March 6

**Room 0.11**

	<b>Lesdag vaatlaboranten (Dutch language)</b> <b>Duplex boven het diafragma</b> Voorzitter S Smids
<b>09h45</b>	<b>Centraal veneuze anatomie/ pathologie</b> nmb
<b>10h00</b>	<b>Centraal veneuze catheters/lijnen</b> N Peppelenbosch
<b>10h15</b>	<b>Vaatonderzoek centraal veneuze vaten</b> nmb
<b>10h30</b>	<b>PAUZE</b>
<b>11h00</b>	<b>Kritieke ischemie bij een AVF</b> F van Hoek
<b>11h15</b>	<b>Vaatonderzoek bij arm/handischemie</b> nmb
<b>11h30</b>	<b>Rudi, PAVA, Dril</b> J Tordoir
<b>12h00</b>	<b>SPECIAL GUEST</b> Auditorium I
<b>13h00</b>	<b>LUNCH</b>
<b>14h00</b>	<b>Carotis pathologie &amp; plaque morfologie</b> GJ de Borst
<b>14h15</b>	<b>Vaatonderzoek van de carotiden</b> E Korten
<b>14h30</b>	<b>Arteria vertebralis en steal syndroom</b> JW Daemen
<b>14h45</b>	<b>Transcraniële duplex</b> W Mess
<b>15h00</b>	<b>IMT meting</b> B Kroon
<b>15h30</b>	<b>PAUZE</b>
<b>16h00</b>	<b>Casus bespreking</b> nmb

Tuesday, March 7

**Auditorium 2**

**Elbow AVF, PD and catheter complications**

Moderators: T Wilmink, C Lok

- 08h30** Elbow AVF configurations and indications  
S Baktiroglu, Turkey
- 08h42** Patients factors and outcome of brachiocephalic AVF  
C Zeebregts, the Netherlands
- 08h54** Registry of upper arm AVF  
U Hedin, Sweden
- 09h06** Surgical options for treatment of access-induced ischemia  
E Peden, USA
- 09h18** Endovascular treatment swing segment/cephalic arch  
R de Graaf, the Netherlands
- 09h30** Surgical treatment cephalic arch/central vein obstruction  
V Mickley, Germany
- 09h42** Cephalic vein aneurysms and infection  
S Shenoy, USA
- 09h54** Fore arm versus upper arm grafts for vascular access?  
J Lawson, USA
- 10h06** Cerebral hyperperfusion and other consequences of central vein catheters  
H Wasse, USA
- 10h18** Bedside PD catheter implantation  
C Lok, Canada
- 10h30** **BREAK**

Tuesday, March 7

**Auditorium 2**

**Innovations in vascular access**

Moderators: J Rotmans, E Peden

- 11h00** Optiflow anastomotic device  
M Glickman, USA
- 11h12** Drug eluting balloons for resistant AV graft stenosis  
D Karnabatidis, Greece
- 11h24** Lipmat study  
J Rotmans, the Netherlands
- 11h36** 3 SSS study  
J Tordoir, the Netherlands
- 11h48** Neat endovascular AVF  
C Lok, Canada
- 12h00** **Toblerone session**  
Moderator: M Widmer  
panel: M Lazarides, M Gallieni
- 13h00** **ADJOURN**

## EVC Master classes and workshops

Following the scientific sessions in the morning we start with the extensive training opportunities in the afternoon of Sunday, Monday and Tuesday. In total we offer more than 45 workshops and master classes.



### Vascular International Master class

The Vascular International Master class provides 24 spots for individual training in open surgical procedures, using real-life surgical models. You can learn techniques on carotid endarterectomy, aortic aneurysm repair and peripheral bypass surgery. You will be trained on an individual base by renowned vascular specialists.



### ESVS Master class

This educational program for academic training will be composed of 2 parts over 2 half days: “successfully writing and presenting an abstract”, and “reading and interpreting, and writing a paper”. Participants will follow seminars as well as work in interactive groups where they will be trained to write an abstract with data given by the course leader, present their abstract and learn from group feedback.

### Endovascular Workshops

Together with our colleagues from the medical industry we organize workshops on endovascular treatment of thoracic and abdominal aortic aneurysms, using the most sophisticated simulation work stations. In addition, peripheral vascular interventions will be trained on simulators.

### Anastomotic Workshop

On Sunday and Monday, March 5 and 6 there will be workshops on anastomotic skills, moderated by Prof P Sergeant. Here you will learn all types of anastomotic techniques.

### Workshops on aneurysm measurements and seizing

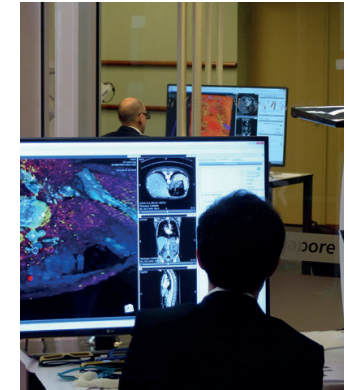
Using computer models, several workshops on measuring of thoracic and abdominal aortic aneurysms will take place, including the newest ways of seizing of endografts for both standard and more complex cases.



## EVC Master classes and workshops

### 3D diagnostics and intervention planning

Using newly developed sophisticated 3D software, CT and MR images can be transferred to workstations, allowing 3D visualization of all vascular structures and planning of open and endovascular procedures in a hyper accurate way. We will have many 3D stations ready for you to discover a new dimension in diagnostics and intervention planning.



### Venous Master classes

Together with our colleagues from the medical industry we organize the Venous Master classes focussing on varicose vein treatment, management of

deep venous thrombosis and occlusion, and advanced ultrasound diagnostics. In addition, interactive case discussions on venous pathology will be moderated by experts in the field and you are invited to participate and join the discussions. Furthermore, several video edited live cases will be discussed. Due to the close collaboration with the ECoP there will be free paper sessions and guideline meetings.



### Vascular Access Anatomy Master class

In the vascular access program we offer a Master class on human cadaver dissection and radial and brachial AV access in the University Hospital across the street of the conference center. You will have a lecture on anatomy of the arm veins and surrounding tissues, followed by creating AV shunts at the lower arm and elbow.

### Vascular access surgical model (Vascular International)

In cooperation with Vascular International we will have models to learn AV anastomotic techniques and graft implantations.

### Vascular Access Duplex and Catheter workshop

In addition, several courses on ultrasound guided catheterization and access ultrasound in dialysis patients are organized.

## UEMS Section and Board of Vascular Surgery



FEBVS Examination - Fellow of European Board of Vascular Surgery

### Eligibility

In order to apply the FEBVS Examination, the Candidate must fulfill the following criteria:

- Be in possession of a CCST/CCT (Certificate of Completion of Specialist Training / Certificate of Completion Training) or equivalent certificate in Vascular Surgery or General Surgery (in countries where Vascular Surgery is not an independent specialty) issued by the relevant body governing the legal CCST/CCT
- Be eligible (within 6 months of application) for a valid national CCST/ CCT or equivalent certificate in vascular surgery or general surgery and must provide a signed confirmation by 2 trainers (in English)
- Training Programme – for Candidates of non UEMS countries (in English).

Compulsory documents:

1. Evidence of nationality (clear copy of passport or ID)
2. Birth certificate or equivalent documentation
3. CCST/CCT or equivalent certificate in vascular surgery or general surgery
4. Training Programme – for Candidates of non UEMS countries (in English).
5. Letter from the approved national vascular society (in English) confirming the CCST/CCT
6. Application form (available in [www.uemsvascular.com](http://www.uemsvascular.com))

7. Logbook (available in [www.uemsvascular.com](http://www.uemsvascular.com))
8. Receipt of payment – 1st Installment

### Examination Structure

There are five sections to the examination:

Section	Comment	Maximum score
Academic	Review a paper from a journal.	32
Clinical Cases	Vivas on 4 clinical cases: Aortic, Lower Limb, Endovascular and Miscellaneous	64
Overall Viva	Viva on 5 topics	32
Open Technical	Practical surgical skills test on three models: aortic anastomosis, femoro-distal anastomosis and carotid endarterectomy	48
Endovascular	Practical endovascular skills test on a model	16
Total score		192

For the academic section will be given a paper and allowed 25 minutes to read it and make notes. The viva will be presented on a laptop, using a series of PowerPoint slides and will last 20 minutes. The assessment will be in two parts:

1. description of the study, the methodology and statistical analysis;
2. the results, discussion and the applicability of the study to current practice.

The clinical cases are presented on a laptop using PowerPoint. Each viva lasts 15 minutes.

The overall viva will cover any aspect of vascular surgery and be presented on a laptop using PowerPoint. Each overall viva will last 25 minutes.

Each open technical assessment will last 30 minutes. You are advised to bring your own loupes for these technical assessment as none will be available on the day of the Exam. The assessors will provide assistance at your request but will not guide you through the operation. Plenty of time is allowed for the procedure and you are advised that it is not a race to finish first.

The endovascular assessment is a task using standard wires and catheters. After a practice run to the Candidate familiarize with the model the task is repeated with two different pairs of assessors.

Each Examiner will score each aspect of the clinical examination with a score from

4 to 8 (using marking descriptors) with 6 representing a pass, 8 being an outstanding performance and 4 or 5 being a fail. To pass the examination a Candidate must achieve all of the following:

1. a total score of at least 144 out of the maximum possible 192;
2. pass at least two of the three open technical assessments;
3. to pass at least 4 of the 5 sections.

Dress Code

This is a professional Examination and the Candidate should be dressed accordingly. Jeans are not allowed.

### Next FEBVS Examination

The next Exam will take place in Maastricht, The Netherlands on 4th March 2017 in the venue of the European Vascular Course which starts on 5th March.

- All the documentation as well as the first installment must be sent/made by 31st December 2016. The second installment must be paid and the receipt sent by email no later than 30th January 2017.
- Please note that we have a limited number of places. Priority is given to the ones that sent all the compulsory documentation as well as the payment receipt by the deadline.
- Applications that do not meet the deadlines above will not be considered.

### Office - UEMS Section and Board of Vascular Surgery

[www.uemsvascular.com](http://www.uemsvascular.com)  
Rua Brito e Cunha n° 254 – 4°  
Esquerdo | 4450-082 Matosinhos, Portugal



## EVC General information

### Venue

MECC Maastricht  
Forum 100 - 6229 GV Maastricht-NL  
T: +31-43-383 83 83  
I: [www.mecc.nl](http://www.mecc.nl)

Online Registration and Housing:  
[www.vascular-course.com](http://www.vascular-course.com)

EVC 2017 Registration Fee  
*Until January 1, 2017*

Physician	€ 650,-
Fellow*	€ 325,-
Allied Health Professional**	€ 325,-
Industry Professional	€ 650,-

*After January 1, 2017*

Physician	€ 795,-
Fellow*	€ 450,-
Allied Health Professional**	€ 450,-
Industry Professional	€ 795,-

\* Documentation from program director required

\*\* Physician assistants, nurses, technologists, research specialist and hospital administrators only

### The EVC 2017 Registration Fee includes

- Access to all EVC sessions;
- Access to the exhibition area;
- All coffee-breaks and lunches on Sunday March 5, Monday March 6 and Tuesday March 7;
- Welcome cocktail on Sunday March 5;
- One textbook.

EVC 2017 Symposium vaattoegang  
Registration Fee €100,-  
EVC 2017 Lesdag vaatlaboranten  
Registration Fee €100,-

### Shuttle Service

We have identified Schiphol airport in Amsterdam (the Netherlands), Zaventem airport in Brussels (Belgium) and Düsseldorf airport (Germany) as our main hubs.

On Saturday March 4 and Tuesday March 7 we have FREE SHUTTLE TRANSPORT to and from the airports to Maastricht.

For more information on Schiphol Airport please visit: [www.schiphol.nl](http://www.schiphol.nl)  
Zaventem Airport please visit: [www.brusselsairport.be/en/](http://www.brusselsairport.be/en/)  
Düsseldorf Airport please visit: [www.dus-int.de](http://www.dus-int.de)

## About Maastricht

Maastricht is the capital of the province of Limburg. Home to just under 120,000 inhabitants, the city is situated on both sides of the river Maas in the south-eastern corner of the Netherlands, practically bordering Belgium and Germany. It was the first Dutch city with medieval city rights, making it the oldest city in the Netherlands. Maastricht has a rich history which is reflected in the old city center with its many Roman-style buildings and squares, giving the city a sense of charm and tradition. Situated in the center of Western Europe, Maastricht has a special character of its own, reminiscent of the exuberant South; the quality of life is important to its inhabitants and visitors alike.

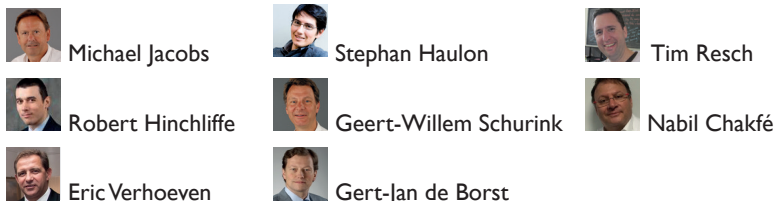


### The good life

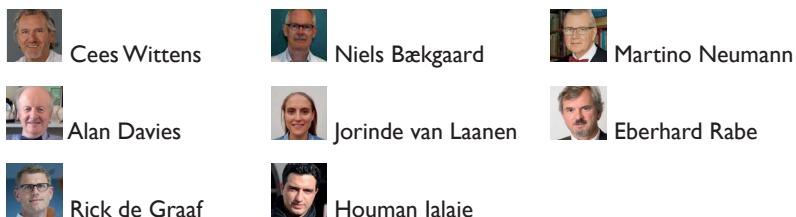
Maastricht is well known for its rich gastronomy. The greater Maastricht area features many restaurants, of which several carry Michelin stars. Maastricht has a compact city center; almost all the major attractions are within walking distance. Experience the good life in Maastricht, strolling the streets for a day of shopping in the city's many boutiques or relaxing on one of the local terraces or cafés with a cup of coffee or a locally brewed beer. Maastricht has the highest density of cafés in the Netherlands, so you are sure to find something to your liking. With its great facilities, its compact city center with many restaurants and cafés and its green surroundings, Maastricht radiates an exuberant vibe that will surely make each business trip a success.

## EVC Course directors

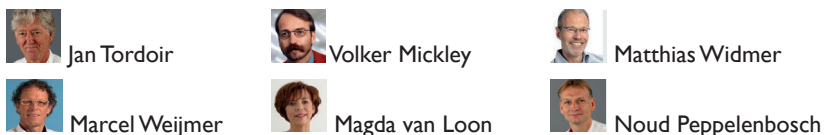
### European Vascular Course



### European Venous Course



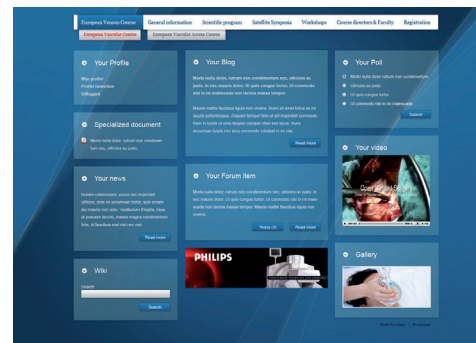
### European Vascular Access Course



## Join our Online Community now!

Dearest colleague,

### Our goal is to educate and inspire!



Therefore we offer you, in addition to our yearly course in Maastricht, a new EVC online community. For only Euro 75,- per year\* you will get access to the bookchapters and videos of previous EVC's: your personal vascular library.

Our community also provides you with a wiki which is connected to pubmed and a vascular forum where you can communicate with other members.

Furthermore we will have e-learning modules on various vascular topics.

We hope you will tune in frequently for new features and specials. This community could be your newest destination for the latest information on arterial, venous and access subjects. It will also comprise the latest techniques in open and endovascular techniques, demonstrated by edited videos.

\* you have free access if you have a gift code or if you have registered for EVC 2016 or the upcoming EVC in 2017

**Please register at [www.vascular-course.com](http://www.vascular-course.com) and create your own personal vascular dashboard.**





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Major Partners EVC 2016





EVC Directorship  
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