



# 19<sup>th</sup> European Vascular Course

Preliminary  
program

March 8-10, 2015

Maastricht, the Netherlands

[www.vascular-course.com](http://www.vascular-course.com)

*Learning by training*

## Welcome to EVC 2015: focus on learning by training!

Dearest colleague,

Enclosed you will find the preliminary program of EVC 2015, which will be presented on Sunday, Monday and Tuesday March 8-10 in Maastricht, the Netherlands. The UEMS Section and Board of Vascular Surgery will organize the FEBVS assessment at EVC on Saturday, March 7.



EVC 2015 will offer:

- More than 90 invited lectures on arterial, venous and vascular access subjects
- Arterial, venous and vascular access textbooks
- Edited video's on surgical and endovascular techniques
- Program integration with medical industry
- Vascular Master Classes on carotid, aortic and peripheral endovascular and surgical procedures
- Venous Master Classes
- Vascular Access Master Class on human cadaver models
- Wound management workshops
- Membership of EVC community and E-learning curriculum
- More than 1800 participants (in 2014).

## Our goal is to educate and inspire.

The main goal of EVC is to provide theoretical and practical education via a high level post-graduate course. This offers 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 textbook 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 19th 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, Sebastian Debus, Geert-Willem Schurink, Eric Verhoeven, Gert-Jan de Borst, Nabil Chakfé.
- **European Venous Course:** Cees Wittens, Niels Bækgaard, Philip Coleridge Smith, Nicos Labropoulos, Paul Pittaluga, Eberhard Rabe.
- **European Vascular Access Course:** Jan Tordoir, Volker Mickley, Matthias Widmer, Marcel Weijmer.

Sunday, March 8

Auditorium I

### **Carotid artery**

Moderators:  
GJ de Borst, AR Naylor

08h30 Why the definition of high risk has been inappropriately used in previous trials

*GJ de Borst, the Netherlands*

08h50 Evidence overview: high risk anatomy

*S McDonald, USA*

09h10 High risk interventionist versus high risk center

*I Loftes, UK*

09h30 Thrombolysis and expedited carotid revascularization

*AR Naylor, UK*

09h50 Evidence overview: peri-operative antiplatelet therapy and platelet responsiveness testing

*J ten Berg, the Netherlands*

10h10 Overview on current trials: selecting the low risk patient

*M Brown, UK*

10h30 BREAK

### **Thoracic and abdominal aorta**

Moderators:  
M Jacobs, T Mastracci

11h00 Optimizing imaging for aortic aneurysm repair

*T Resch, Sweden*

11h20 Aortic arch aneurysms: open and endovascular techniques

*S Haulon, France*

11h40 Choosing the correct treatment for acute type B dissection

*M Makaroun, USA*

12h00 Chronic type B aortic dissection: indications for treatment and strategies

*T Kölbel, Germany*

12h20 Innovative techniques

13h00 LUNCH

14h00 Innovative techniques

15h00 Case discussions on carotid, peripheral arteries and aorta

16h30 BREAK

17h00 Case discussions on carotid, peripheral arteries and aorta

18h00 COCKTAIL

Monday, March 9

Auditorium I

<b>Peripheral arteries</b>		Moderators: S Debus, N Chakfe
08h30	Current optimal morphological evaluation of peripheral arterial disease	<i>M Ohana, France</i>
08h50	Pre-procedural assessment of comorbidities in occlusive peripheral disease	<i>S Debus, Germany</i>
09h10	Treatment options for common renal artery aneurysms	<i>F Thaveau, France</i>
09h30	Surgical versus endovascular interventions for mesenteric ischemia	<i>R Tripathi, India</i>
09h50	Innovative techniques	
10h30	BREAK	
<b>Thoracic and abdominal aorta</b>		Moderators: T Resch, GW Schurink
11h00	How to improve long-term results of fenestrated endografts	<i>T Mastracci, UK</i>
11h20	Anatomical and clinical parameters to determine the choices for aortic aneurysm repair	<i>J Brennan, UK</i>
11h40	Open and endovascular solutions for the demanding infrarenal aortic neck	<i>O Koning, the Netherlands</i>
12h00	Key note lecture	
13h00	LUNCH	
14h00	Innovative techniques	
15h00	Case discussions on carotid, peripheral arteries and aorta	
16h30	BREAK	
17h00	Case discussions on carotid, peripheral arteries and aorta	

Tuesday, March 10

Auditorium I

**Thoracic and abdominal aorta**

Moderators  
S Haulon, E Verhoeven

08h30 Ruptured infrarenal aortic aneurysms: open and endovascular repair

*W Wisselink, the Netherlands*

08h50 Common iliac and hypogastric aneurysms: open and endovascular repair

*E Verhoeven, Germany*

09h10 Re-interventions after open and endovascular AAA repair

*M Malina, Sweden*

09h30 Strategies to treat aortitis and infected aortic grafts

*G Melissano, Italy*

09h50 Strategies to prevent spinal cord ischemia

*GW Schurink, the Netherlands*

10h10 Innovative techniques

10h30 BREAK

**Peripheral arteries**

Moderators:  
N Chakfe, S Debus

11h00 How to treat distal aortic TASC D occlusive disease

*P Goverde, Belgium*

11h20 State of the art treatment of common femoral artery disease

*Y Goueffic, France*

11h40 Lower limb vascular trauma

*A Greiner, Germany*

12h00 Update on thrombolysis in peripheral aneurysmal and occlusive disease

*M Björck, Sweden*

12h00 Innovative techniques

13h00 LUNCH

14h00 Case discussions

Sunday, March 8

Room 0.4/0.5

<b>Acute Deep Venous Pathology</b>		Moderators: C Wittens, A Davies
08h30	Pathophysiology of Venous Thrombosis	<i>D Meyers, USA</i>
08h45	Validation LET-score	<i>R Strijkers, the Netherlands</i>
09h00	<b>Debate:</b>	
	Thrombus age is ideally measured by MRV	<i>C Arnoldussen, the Netherlands</i>
	Thrombus age is ideally measured by history	<i>N Baekgaard, Denmark</i>
09h30	Innovative techniques	
10h00	BREAK	
<b>Edited live cases on Deep Venous Thrombosis Treatment</b>		Moderators: N Baekgaard, G O'Sullivan
10h30	Pharmaco-mechanical thrombolysis: Trellis	<i>G O'Sullivan, Ireland</i>
10h50	Pharmaco-mechanical thrombolysis: EKOS	<i>N Kucher, Switzerland</i>
11h10	Suction thrombectomy	<i>P Patel, India</i>
11h30	The ideal DVT treatment anno 2020	<i>E Scrooge, UK</i>
12h00	LUNCH	
<b>European College of Phlebology Meeting</b>		Moderators: M Neumann, E Rabe
13h00	Position of European College of Phlebology	<i>A Davies, UK</i>
13h15	European Phlebology Curriculum	<i>E Rabe, Germany</i>
13h30	European Guidelines on Superficial Venous Pathology	<i>S Kakkos, Greece</i>
13h45	European Guidelines on Deep Venous Pathology	<i>T Noppene, Germany</i>
14h00	Innovative techniques	
14h30	BREAK	
15h00	Master Class I Varicose Veins Treatment	<i>J Lawson, A Giannoukas</i>
	Master Class II DVT and DVO Treatment	<i>N Baekgaard, K Bozkurt</i>
	Master Class III Ultrasound Diagnostics	<i>I Toonder</i>
	Satellite symposium A	
18h00	COCKTAIL	

Monday, March 9

Room 0.4/0.5

<b>Chronic deep venous pathology</b>		Moderators: C Wittens, A Rosales
08h30	Study results on iliofemoral haemodynamics	<i>R Kurstjens, the Netherlands</i>
08h45	Quality of Life assesement in deep venous pathology	<i>F Catarinella, the Netherlands</i>
09h00	Analysis AV fistula geometry	<i>H Jalaie, Germany</i>
09h15	Valve reconstructions	<i>A Rosales, Norway</i>
09h30	Innovative techniques	
10h00	BREAK	
<b>Edited live cases on Deep Venous Stenting</b>		Moderators: C Wittens, M Lugli
10h30	Ilio-caval stenting	<i>J van Laanen, the Netherlands</i>
11h00	Bifurcated stenting	<i>R de Graaf, the Netherlands</i>
11h20	Valve transpositions and Maleti valve	<i>M Lugli, Italy</i>
11h40	Valve reconstruction	<i>R Tripathi, India</i>
12h00	KEYNOTE SPEAKER + LUNCH	Auditorium I
<b>Future Research in DVT and PTS</b>		Moderators: A Comerota, H ten Cate
13h00	Pathogenesis	<i>P Reitsma, the Netherlands</i>
13h15	Epidemiology and biomarkers	<i>H ten Cate, the Netherlands</i>
13h30	Non-invasive management	<i>A ten Cate, the Netherlands</i>
13h45	Invasive management	<i>A Comerota, USA</i>
14h00	Innovative techniques	
14h30	BREAK	
15h00	Master Class I Varicose Veins Treatment	<i>J Lawson, A Giannoukas</i>
	Master Class II DVT and DVO Treatment	<i>N Baekgaard, K Bozkurt</i>
	Master Class III Ultrasound diagnostics	<i>I Toonder</i>
	Satellite symposium B	



Tuesday, March 10

Room 0.4/0.5

<b>Pelvic Congestion Syndrome</b>		Moderators: M Meissner, Ph Coleridge Smith
08h30	Diagnostics of PCS	<i>C Arnoldussen, the Netherlands</i>
08h45	Clinical outcome of PCS treatments: sense and nonsense	<i>M Meissner, USA</i>
09h00	Debate: Embolisation is essential in the treatment of leg varicosities due to PCS	<i>Pro: O Hartung, France Con: E Rabe, Germany</i>
09h30	Innovative techniques	
10h00	BREAK	
<b>Edited live cases on Superficial Venous Pathology</b>		Moderators: Ph Coleridge Smith, S Elias
10h30	MOCA	<i>S Elias, USA</i>
11h00	Pelvic Congestion Syndrome	<i>O Hartung, France</i>
11h30	Perforating vein treatment	<i>I Toonder, the Netherlands</i>
12h00	LUNCH	
<b>Superficial Venous Pathology</b>		Moderators: P Pittaluga, A Davies
13h00	Quality of Life in superficid venous pathology: 10 year follow up	<i>F Catarinella, the Netherlands</i>
13h15	Progression in venous pathology	<i>F Pannier, Germany</i>
13h30	Debate: Should persistant incompetent truncal veins be treated immediately?	<i>Pro: Ph Coleridge Smith, UK Con: P Pittaluga, France</i>
14h00	Innovative techniques	

Sunday, March 8

Room 2.1

08h30	<b>Provision of dialysis access care</b>	Moderators: J Tordoir, V Mickley
08h30	Vascular access creation and maintainance in the USA	S Shenoy, USA
08h45	Access provision in Germany	V Mickley, Germany
09h15	Dutch vascular access management	J Tordoir, the Netherlands
09h30	What is the best training for vascular access surgery?	M Lazarides, Greece
09h45	Dialysis Access in India	P Patel, India
10h00	Vascular access creation and care should be provided by nephrologists	M Malovrh, Slovenia
10h15	Organisation of a radiological access unit	L Kamper, Germany
10h30	<b>BREAK</b>	
11h00	<b>Which technique of access creation is best?</b> (video session)	Moderators: P Bourquelot, T Wilmink
11h00	Snuffbox, wrist and forearm fistula (video)	S Shenoy, USA
11h15	Brachiocephalic & basilic fistula (video)	S Baktiroglu, Turkey
11h30	Forearm and upper arm grafts (video)	D Shemesh, Israel
11h45	New technology: endovascular fistula creation	D Rajan, Canada
12h00	HD catheter session	Moderators: M Gallieni, M Weijmer
12h00	Tip and tricks during jugular catheter procedures	T Pourchez, France
12h15	Dysfunctional catheters, prevention and treatment	M Weijmer, the Netherlands
12h30	CVC infection and central vein obstruction	D Kingsmore, UK
12h45	New technology: Heparin and antibiotic coated catheters	J Ibeas, Spain
13h00	<b>LUNCH</b>	
14h00	<b>Ultrasound Course</b> (room 2.1)	Moderators: M Malovrh, S Shenoy
14h00	<b>Catheter Course</b> (room 2.1)	Moderators: M Weijmer, M Gallieni
18h00	<b>COCKTAIL</b>	

# Monday, March 9

## Auditorium 2

09h00	<b>Combined session nurses and physicians</b> (Auditorium 2)	Moderators: J Tordoir, S Shenoy
09h00	Update on cannulation techniques	Z Twardowski, Poland
09h30	Influence of drugs on AVF & AVG performance	C Lok, Canada
09h50	Balloon angioplasty for low flow access	D Rajan, Canada
10h10	High flow and aneurysm	S Shenoy, USA
10h30	BREAK	
		Moderators: M Gallieni, S Baktiroglu
11h00	Early results of tissue-engineered grafts	J Rotmans, the Netherlands
11h20	Type of PD catheter and outcome	M Gallieni, Italy
11h40	Early results endovascular AVF creation	C Lok, Canada
12h00	Keynote lecture	
13h00	LUNCH	
		Voorzitter: M van Loon
14h00	Laparoscopische PD catheter (in dutch)	N Peppelenbosch
14h30	Organisatie van access unit (in dutch)	T Wilmink
15h00	Buttonhole techniek (in dutch)	T Goovaerts
15h15	Katheters voor acute dialyse (in dutch)	M Weijmer
15h30	Evolutie vaataccess Vlaanderen (in dutch)	Philippe Duijij, Belgie
14h00	<b>Ultrasound Course</b> (room 2.1)	Moderator: M Malovrh
14h00	<b>Catheter Course</b> (room 2.1)	Moderators: M Weijmer, M Gallieni
09h30	<b>Cannulatie cursus</b> (room 2.7-2.9)	
14h00	<b>Anatomy Course</b> (Department of Anatomy, MUMC)	Moderators: A Lataster, M Glickman, S Shenoy, D Shemesh, M Lazarides, M Widmer, V Mickley, C Gibbons

Tuesday, March 10

Room 2.1

08h30	<b>AVF &amp; AVG complications</b>	Moderators: C Gibbons, M Glickman
08h30	Neurologic complications of vascular access creation	<i>C Gibbons, UK</i>
08h45	AV prosthesis configuration. Does it matter?	<i>M Glickman, USA</i>
09h00	Long-term results of biological grafts	<i>Nick Inston, UK</i>
09h15	Long-term results of PTFE grafts	<i>U Hedin, Sweden</i>
09h30	Open and laparoscopic PD catheter	<i>N Peppelenbosch, the Netherlands</i>
09h45	Banding and RUDI for high access flow	<i>M Scheltinga, the Netherlands</i>
10h00	Intervention for access-induced ischemia; which option is the best?	<i>F Thermann, Germany</i>
10h15	Transposition, elevation, lipectomy or V-Wing to enhance needling	<i>P Bourquelot, France</i>
10h30	BREAK	
11h00	<b>The patient safety initiative of VAS</b>	Moderators: M Gallieni, D Shemesh
11h00	Safety in patients with VA. What it's all about	<i>M Widmer, Switzerland</i>
11h15	Patient safety: the nurses perspective	<i>M van Loon, the Netherlands</i>
11h30	Patient safety: the doctors perspective	<i>J Tordoir, the Netherlands</i>
11h45	Simulation and Team-Training	<i>T Wyss, Switzerland</i>
12h00	Toblerone session/ Case-based discussion Panel: C Lok, S Baktiroglu, L Kamper	Moderator: M Widmer
13h00	LUNCH	
14h00	<b>Anatomy course</b> (Dep. of Anatomy, MUMC/ human cadaver model)	Moderators: A Lataster, M Glickman, S Shenoy, D Shemesh, M Lazarides, V Mickley, C Gibbons, T Wilmink
14h00	<b>PD course</b> (Dep. of Experimental Surgery, MUMC / animal model)	Moderator: N Peppelenbosch

# EVC Master Classes and Workshops

## Vascular Master Class

Numerous different simulators and models will be available to train carotid, peripheral, thoracic and abdominal aortic open and endovascular procedures. Professional teachers will guide and teach you in basic and advanced techniques. These training sessions are organized during the three days of EVC, in close cooperation with the medical companies.

## Venous Master Class

The Venous Master Classes are divided into three. All are meant for physicians and nurses to become acquainted with devices and equipment with regard to venous disease diagnostics and treatment. The first two are practical hands on basic skill workshops where participants are taught how to perform superficial venous surgery (Class I) or deep venous reconstructions (Class II). In Master Class III participants are taught how to perform advanced ultrasound diagnostics in superficial and deep venous pathology. Venous Master Classes start at 15h00 and last until 18h00, and are organized on Sunday and Monday only. There is an additional fee of € 40,-.

- **Master Class I** Varicose veins treatment - *J Lawson, A Giannoukas*
- **Master Class II** DVT and DVO treatment - *N Baekgaard, K Bozkurt*
- **Master Class III** Advanced Ultrasound diagnostics - *I Toonder*

## Vascular Access Master Class

on human cadaver models. Radial and brachial AV access at human models. (limited number of 56 participants)

- Anatomy of arm veins and surrounding tissues
- Creation of AV shunt at the lower arm
- Creation of AV shunt at the elbow level

University Hospital Maastricht, Dept of Anatomy.

Target participants: Physicians  
Registration fee: additional fee of € 250,-

**Because of limited space for the Master Classes we would advise to subscribe now.**



## Workshops

- Vascular lab workshop  
Ultrasound; digital pressure measurement; physical examination.
- Catheter workshop
- Woundcare workshops



**EVC welcomes the examiners and candidates for the FEBVS examination the day before EVC starts: Saturday, March 7. All candidates are offered a reduced registration fee of €150 for EVC.**

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 from countries with rights of full members of the UEMS or UEMS associated countries.
- 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)

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. Letter from the approved national vascular society (in English) confirming the CCST/CCT
5. Application form (available in [www.uemsvascular.com](http://www.uemsvascular.com))
6. Logbook (available in [www.uemsvascular.com](http://www.uemsvascular.com))
7. Receipt of payment – 1<sup>st</sup> 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 8 topics	32
Open Technical	Practical surgical skills test on three models: aortic anastomosis, femoro-distal anastomosis and SFJ ligation	48
Endovascular	Practical endovascular skills test on a model	16
<b>Total score</b>		<b>192</b>

For the academic section will be given a paper and allowed 25 minutes to read it and make notes.

The viva will last 20 minutes. The assessment will be in two parts:

1. description of the study, the methodology and statistical analysis; and
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 will last 30 minutes.

Each open technical assessment will last 30 minutes. 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 examination with a score from 4 to 8 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 both of the following:

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

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

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## 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 2015 Registration Fee *Until January 1, 2015*

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

### *After January 1, 2015*

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

Shuttle Service:  
We have identified Schiphol airport in Amsterdam (the Netherlands), Zaventum airport in Brussels (Belgium) and Düsseldorf airport (Germany) as our main hubs.  
On Saturday March 7 and Tuesday March 10 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)

### The EVC 2015 Registration Fee includes:

- Access to all EVC sessions;
- Access to the exhibition area;
- All coffee-breaks and lunches on Sunday March 8, Monday March 9 and Tuesday March 10
- EVC-Cocktail on Sunday March 8;
- One textbook.



# 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.

About Maastricht



## European Vascular Course:



Michael Jacobs



Stephan Haulon



Tim Resch



Sebastian Debus



Geert-Willem Schurink



Nabil Chakfé



Eric Verhoeven



Gert-Jan de Borst

## European Venous Course



Cees Wittens



Niels Bækgaard



Philip Coleridge Smith



Nicos Labropoulos



Paul Pittaluga



Eberhard Rabe

## European Vascular Access Course



Jan Tordoir



Volker Mickley



Matthias Widmer



Marcel Weijmer

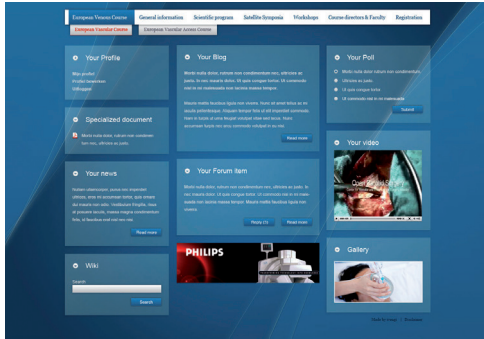
Join our Online Community now!

**JOIN  
OUR ONLINE  
COMMUNITY**



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'll 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 2014 or the upcoming EVC in 2015

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

# MAC 4<sup>th</sup> MUNICH AORTIC & CAROTID CONFERENCE

2014 *where doctors meet science*

[www.mac-conference.com](http://www.mac-conference.com)

## VENUE

Klinikum rechts der Isar  
Munich, Germany  
December 5<sup>th</sup> – 6<sup>th</sup>, 2014

### CHAIRMAN

(Technische Universität München, TUM)

■ Hans-Henning Eckstein

### CO-CHAIRMAN

(Technische Universität München, TUM)

■ Rüdiger Lange ■ Markus Schwaiger  
■ Holger Poppert ■ Alma Zerneck  
■ Wolfgang Wall ■ Michael Gee

### 4<sup>th</sup> Munich Aortic Conference

- Aortic root and ascending aortic reconstructions
- Aortic arch repair
- EVAR for AAA: Type II endoleakage and other follow-up issues
- Aortic emergencies: acute type B dissections and ruptured AAA
- Adjunct measures for the management of complex aortic diseases
- Perioperative imaging, fusion and navigation
- Computational modeling of cardiovascular treatment and disease

### 4<sup>th</sup> Munich Carotid Conference

- Carotid RCTs, registries and guidelines
- The impact of TIME for the management of carotid disease and stroke-in-evolution
- Diagnostics in asymptomatic carotid stenosis
- The future of Carotid Artery Stenting (CAS)
- Advances in carotid plaque biology
- Functional imaging of atherosclerotic lesions
- Ultrasound and carotid stenosis
- Consensus Meeting on CAROTID IMAGING

### CONGRESS ORGANISATION

KelCon GmbH

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Phone: +49 (0)6182 94 666 16

[f.klug@kelcon.de](mailto:f.klug@kelcon.de), [www.kelcon.de](http://www.kelcon.de)

Abstract deadline extended until  
September 30<sup>th</sup>, 2014

## AAA-Screening Symposium

in cooperation with

Thursday, December 4<sup>th</sup>, 2014



# THE VASCULAR WORLD IS COMING TOGETHER IN NEW YORK THIS NOVEMBER. AND YOU'RE INVITED.

**Tuesday, November 18 - Saturday, November 22, 2014**



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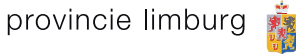
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