



Preliminary Program

24th European Vascular Course
4th European Cardiovascular Course

Welcome to the 24th European Vascular Course

Dearest colleague,

This is the preliminary program of EVC 2020, taking place on March 22-24 in Maastricht, the Netherlands. The European Cardiovascular Course (ECC) is organized back-to-back with EVC and addresses ascending aorta and aortic arch pathologies. The UEMS Board of Vascular Surgery will organize the European vascular surgery examinations at EVC on Saturday, March 21.

This year, MedTech Europe has classified EVC as a Third Party Organized Procedure Training, allowing member medical companies to financially support delegates to participate at EVC (travel, hospitality, registration fee).

EVC 2020 will offer:

Arterial program

- 45 invited lectures on arterial subjects
- Edited video's on surgical and endovascular techniques
- Workshops on carotid, aortic and peripheral endovascular and surgical procedures
- Case discussions on carotid, peripheral and aortic subjects
- Master class on scientific writing
- Anastomotic master class

Vascular Access program

- 38 invited lectures on vascular access subjects
- New workshops including hands-on training stations and case-based discussions on a basic and advanced level
- Edited video's on open and percutaneous vascular access procedures
- Vascular access master class on human cadaver models
- Dialysis nurses session and workshops

Venous program

- 40 lectures on venous subjects
- Workshops on Duplex, thrombolysis, thrombectomy, stenting, ablation, MRV, ulcer treatment and compression therapy
- Edited video's on venous procedures
- Case based interactive discussions
- ICC session

Cardiovascular program

- 12 invited lectures on aortic root, aortic valve, ascending aorta and aortic arch
- Edited video's on surgical and endovascular techniques
- Case discussions on aortic root, ascending aorta and aortic arch pathologies
- Workshops on TAVI, valve sparing, debranching, Bentall, arch repair and frozen elephant techniques

General

- Membership of EVC community and E-learning curriculum
- More than 2000 participants
- More than 250 workshops



MedTech Europe has classified EVC as a Third Party Organized Procedure Training.

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. Supplementary to the invited lectures and edited videos, we organize more than 250 training workshops on diagnostics, decision-making, simulation, team training, scientific education, open and endovascular techniques. Moreover, challenging case discussions in small groups allow you to share your views and experience with the experts in the field.

We look forward to welcome you at our 24th European Vascular Course!

Michael Jacobs, Houman Jalaie and Jan Tordoir on behalf of all EVC directors.



Course directors EVC 2020

- **European Arterial Course:** Michael Jacobs, Gert-Jan de Borst, Tim Resch, Rob Hinchliffe, Geert-Willem Schurink, Nabil Chakfé, Jos van den Berg, Barend Mees, Germano Melissano, Eric Verhoeven
- **European Venous Course:** Houman Jalaie, Alun Davies, Eberhard Rabe, Jorinde van Laanen, Irwin Toonder, Mohammad Barbati, Suat Doganci
- **European Vascular Access Course:** Jan Tordoir, Maarten Snoeijis, Volker Mickley, Matthias Widmer, Marcel Weijmer, Noud Peppelenbosch, Magda van Loon
- **European Cardiovascular Course:** Ehsan Natour, Robin Heijmen, Michael Jacobs

Auditorium I

| | |
|-------|---|
| | Carotid artery |
| | Moderators: GJ de Borst, AR Naylor |
| 08h30 | Pre-operative imaging strategies in carotid artery disease H Sillesen, Denmark |
| 08h50 | Antiplatelet therapy in carotid revascularization D McCabe, Ireland |
| 09h10 | Can carotid interventions improve cognition? P Nederkoorn, the Netherlands |
| 09h30 | Procedural risk: what is the accepted threshold? AR Naylor, United Kingdom |
| 09h50 | The changing concept of high risk for stroke GJ de Borst, the Netherlands |
| 10h10 | Volume of carotid procedures and outcome relationship GJ de Borst, the Netherlands |
| 10h30 | BREAK |
| | Aorta |
| | Moderators: G Oderich, M Jacobs |
| 11h00 | Reducing follow-up after EVAR K Mani, Sweden |
| 11h20 | Minimal radiation supported navigation in endovascular procedures GW Schurink, the Netherlands |
| 11h40 | Total percutaneous access in the treatment of aneurysmal and obstructive diseases B Mees, the Netherlands |
| 12h00 | Custom made devices for aortic repair T Kölbel, Germany |
| 12h20 | Steerable sheaths in endovascular aneurysm repair G Oderich, USA |
| 12h40 | When “game-changers” do not work: how to deal with failing technology S Harrison, United Kingdom |
| 13h00 | LUNCH |

Auditorium I

| | | | |
|-------|--|-------------------|--------------|
| | Peripheral | | |
| | Moderators: N Chakfe, R Hinchliffe | | |
| 14h00 | ESVS guidelines on acute limb ischemia M Björck, Sweden | | |
| 14h20 | Developments in endovascular intervention for acute limb ischemia J van den Berg, Switzerland | | |
| 14h40 | Update on Voyager and Euclid trials; implications for the vascular patient I Baumgartner, Switzerland | | |
| 15h00 | Update on Paclitaxel in peripheral arterial disease K Katsanos, Greece | | |
| 15h20 | The role of atherectomy in lower limb revascularization M Lichtenberg, Germany | | |
| 15h40 | The role of specialty balloons M Brodmann, Austria | | |
| 16h00 | BREAK | | |
| 16h30 | Case discussions on carotid, peripheral arteries and aorta | | |
| | Carotid | Peripheral | Aorta |
| | Room 2.7 | Room 2.9 | Room 0.4 |
| | AR Naylor | R Hinchliffe | T Resch |
| | GJ de Borst | A Mansilha | GW Schurink |
| 18h00 | COCKTAIL | | |

Auditorium I**Peripheral arteries**

Moderators: J van den Berg, R Hinchliffe

08h30 Local foot surgery for the vascular surgeon in patients with diabetes

A Gombert, Germany

08h50 Local muscle flaps for the management of infected groins after vascular re-construction

B Mees, the Netherlands

09h10 Non-standard approaches to facilitate lower limb arterial exposure in re-do vascular surgery

R Davies, United Kingdom

09h30 A comprehensive approach on microbiology to treat vascular graft infections

E Senneville, France

09h50 Imaging and peripheral graft infections

B Saleem, the Netherlands

10h10 Surgical management of graft infection

Z Szeberin, Hungary

10h30 **BREAK****Carotid artery**

Moderators: GJ de Borst, AR Naylor

11h00 Ward, high dependency- or intensive care after carotid intervention?

F van Lier, the Netherlands

11h20 Redo CEA or CAS for restenosis after CEA?

GJ de Borst, the Netherlands

11h40 Long term outcome in RCT's comparing CEA with CAS

AR Naylor, United Kingdom

12h00 **SPECIAL SESSION****13h00** **LUNCH****Auditorium I****Aorta**

Moderator: T Akay, T Resch

14h00 State of the EVAR approach for rAAA: team training and logistics

I van Herzele, Belgium

14h20 Open (r)AAA repair: surgical techniques and training

M Jacobs, the Netherlands

14h40 Treatment of rTAA(A): decision making and endograft selection

D Adam, United Kingdom

15h00 Algorithm and strategies for acute dissection with involvement of the aortic arch/entry tear

GW Schurink, the Netherlands

15h20 Strategies for malperfusion in aortic dissection

B Modarai, United Kingdom

15h40 The importance of close collaboration between cardiac and vascular surgeons in the treatment of acute aortic pathologies

B Rylski, Germany

16h00 **BREAK****16h30** **Case discussions on carotid, peripheral arteries and aorta****Carotid****Peripheral****Aorta**

Room 2.7

Room 2.9

Room 0.4

JW Daemen

M de Haan

E Verhoeven

AR Naylor

M Ionac

T Resch

Auditorium I**Aorta**

Moderators: B Modarai, GW Schurink

08h30 What are the real-world results of open and juxtarenal AAA repair; how can we improve?

H Verhagen, the Netherlands

08h50 What are the real-world results of EVAR; how can we improve?

R Fisher, United Kingdom

09h10 Open surgical conversion after failed endovascular procedures

G Melissano, Italy

09h30 Lessons learned from 20 years of complex endovascular aneurysm repair

E Verhoeven, Germany

09h50 Endoleak due to graft failure, physician failure or patient failure?

F Bastos Goncalves, Portugal

10h10 ESVS guidelines on aortic infection

N Chakfe, France

10h30 **BREAK****Peripheral arteries**

Moderators: R Hinchliffe, N Chakfe

11h00 The role of pre-operative cardiac revascularization in vascular surgical patients

A van 't Hof, the Netherlands

11h20 Understanding non-invasive vascular testing in peripheral arterial disease

F Baumann, Switzerland

11h40 The angiosome concept: myth or reality?

M Venermo, Finland

12h00 Antiplatelet therapy following lower limb endovascular intervention

C Twine, United Kingdom

12h20 Non-standard endovascular access above the knee

J van den Berg, Switzerland

12h40 Non-standard endovascular access below the knee

M Manzi, Italy

13h00 **ADJOURN****Room 0.4/0.5****Varices I**

Moderators: K Bozkurt, M Whiteley

08h30 How to choose wisely between the different endovenous modalities

A Mansilha, Portugal

08h40 Current aspects in the management of superficial vein thrombosis

A Giannoukas, Greece

08h50 Midterm follow up of the various venous cyanoacrylate adhesives: are we reporting relevant outcomes?

K Bozkurt, Turkey

09h00 Cryo-Laser and Cryo-Sclerotherapy: how and why it works

R Jindal, India

09h10 Foam sclerotherapy: lessons learned

E Rabe, Germany

09h20 **DISCUSSION****Pelvic Congestive Syndrome**

Moderators: A Morata, M Gohel

09h30 Pelvic congestion syndrome: diagnostic assessment and decision making

M Wikkeling, the Netherlands

09h40 Pelvic congestion syndrome: what we really should not do?

O Hartung, France

09h50 Do we need guidelines for pelvic congestion syndrome?

M Whiteley, United Kingdom

10h00 The ideal endovenous technique in treatment of the Nutcracker syndrome

R Brans, the Netherlands

10h10 Treatment of the Nutcracker syndrome: endovenous, open or not at all?

A Morata, Spain

10h20 **DISCUSSION****10h30** **BREAK**

Sunday, March 22

Room 0.4/0.5

DVT I

Moderators: A Rosales, M Razavi

| | |
|-------|--|
| 11h00 | Evidence for endovascular therapy of iliofemoral DVT: CAVENT, ATTRACT and CAVA E Murphy, USA |
| 11h10 | Treatment of iliofemoral DVT: where will we be in 10 years? M Lichtenberg, Germany |
| 11h20 | When is the conservative treatment of DVT not the best choice? M Dumantepe, Turkey |
| 11h30 | What predicts outcome after interventional treatment of DVT? M Razavi, USA |
| 11h40 | Do we need pulmonary embolic protection device during intervention? R de Graaf, Germany |
| 11h50 | DISCUSSION |
| | PTS I |
| | Moderators: M Lichtenberg, E Murphy |
| 12h00 | What do we need to know about IVC recanalization? N Kucher, Switzerland |
| 12h10 | Venous lesions extending below the ligament: challenges and solutions A Rosales, Norway |
| 12h20 | Hemodynamic consequences after venous stenting: An in vitro assessment M Barbati, Germany |
| 12h30 | New anatomic classification for CVO of the iliofemoral tract: the importance of inflow H Jalaie, Germany |
| 12h40 | Anticoagulation management after deep venous stenting S Doganci, Turkey |
| 12h50 | DISCUSSION |
| 13h00 | LUNCH |
| 14h00 | WORKSHOPS |
| 18h00 | COCKTAIL |

Monday, March 23

Room 0.4/0.5

DVT II

Moderators: M Dumantepe, M de Maeseneer

| | |
|-------|---|
| 08h30 | Distinguishing between provoked, unprovoked, ascending or descending DVT: does it matter therapeutically? N Kucher, Switzerland |
| 08h40 | Acute iliofemoral DVT after contralateral jailing: should we be concerned? S Black, United Kingdom |
| 08h50 | Choosing between different interventional treatment modalities for acute iliofemoral DVT T Heller, Germany |
| 09h00 | How, how often and for how long should we monitor after undergoing deep venous stenting? The ideal surveillance protocol. J van Laanen, the Netherlands |
| 09h10 | Do we still need surgical venous thrombectomy? A Davies, United Kingdom |
| 09h20 | DISCUSSION |
| | PTS II |
| | Moderators: A Davies, S Black |
| 09h30 | Complications and their management during deep venous stenting E Murphy, USA |
| 09h40 | Negative pressure therapy may reduce surgical site infection rate following endophlebectomy A Gombert, Germany |
| 09h50 | Optimal treatment of deep venous reflux M Lugli, Italy |
| 10h00 | How to assess PTS severity? The link between MRV images and patient's symptoms C Arnoldussen, the Netherlands |
| 10h10 | Stent properties. Where do we go from here? M Razavi, USA |
| 10h20 | DISCUSSION |
| 10h30 | BREAK |

Monday, March 23

Room 0.4/0.5

Controversies in treatment of venous pathologies

Moderators: N Kucher, H Jalaie

| | |
|-------|--|
| 11h00 | Should deep venous reflux be treated invasively? L Kabnick, USA |
| 11h10 | IVUS in the treatment of deep venous obstruction: mandatory or unnecessary? R de Graaf, Germany |
| 11h20 | Can we treat superficial reflux in patients with deep venous obstruction? M de Maeseneer, the Netherlands |
| 11h30 | Are we overdiagnosing "May-Thurner Syndrome"? I Toonder, the Netherlands |
| 11h40 | DISCUSSION |
| 12h00 | SPECIAL SESSION |
| 13h00 | LUNCH |
| 14h00 | WORKSHOPS |

Tuesday, March 24

Room 0.4/0.5

Varices II

Moderators: K Bozkurt, E Rabe

| | |
|-------|---|
| 08h30 | Sclerotherapy complications in the daily office practice: lessons learned F Pannier, Germany |
| 08h40 | What do we need: better technology or better strategy in treatment of varicose veins? M Gohel, United Kingdom |
| 08h50 | The relationship between venous disease and patient-outcome measures. Are we justifying suboptimal cures? A Giannoukas, Greece |
| 09h00 | Is atrophie blanche irreversible? effects of foam sclerotherapy M de Maeseneer, the Netherlands |
| 09h10 | How to deal with below the knee great saphenous vein incompetence? A Mansilha, Portugal |
| 09h20 | Is Sonovein going to be the undisputed non thermal non tumescent technique of the future? M Whiteley, United Kingdom |
| 09h30 | DISCUSSION |
| | Debate I Moderators: R de Graaf, O Hartung |
| 09h40 | The treatment of acute iliofemoral and caval DVT should be conservative H Ten Cate, the Netherlands The treatment of acute iliofemoral and caval DVT should be interventional M Lichtenberg, Germany |
| | Debate II Moderators: L Kabnick, A Giannoukas Greece |
| 10h05 | The first generation venous stents suffice, we do not need modification O Hartung, France The first generation venous stents do not suffice, we need modification S Black, United Kingdom |
| 10h30 | BREAK |
| | Compression therapy up-to-date (ICC-EVC joint session) Moderators: G Mosti, H Partsch, S Giancesini |
| 11h00 | Is compression still indicated in DVT treatment and PTS prevention? A ten Cate, the Netherlands |
| 11h10 | Emerging evidences in post-procedure compression S Giancesini, Italy |
| 11h20 | Self-management in chronic venous insufficiency treatment JP Benigni, France |
| 11h30 | Innovative compression therapy; a paradigm shift M Kockaert, Switzerland |
| 11h40 | New devices G Mosti, Italy |
| 11h50 | Compression contraindications turning to good indications E Rabe, Germany |
| 12h00 | DISCUSSION |

Tuesday, March 24

Room 0.4/0.5

| | |
|-------|--|
| | Upper extremity DVT Moderators: S Doganci, H Jalaie |
| 12h20 | Management of upper extremity deep venous thrombosis T Urbanek, Poland |
| 12h30 | Definitive Surgical Treatment for Venous Thoracic Outlet Syndrome R Thompson, USA |
| 12h40 | Stents in central venous recanalization? M Lichtenberg, Germany |
| 12h50 | I'll be back! How to treat recurrent stenosis? O Hartung, France |
| 13h00 | DISCUSSION |
| 13h10 | ADJOURN |

Sunday, March 22

Auditorium 2

| | |
|-------|---|
| | Vascular access pathophysiology and hemodynamics Moderators: M Snoeijs, J Tordoir |
| 08h30 | Pathophysiology of vascular access complications P Roy-Chaudhury, USA |
| 08h50 | Why fistulas fail to mature J Rotmans, the Netherlands |
| 09h10 | The role of arteriovenous anastomotic hemodynamics S Shenoy, USA |
| 09h30 | Endovascular arteriovenous fistula creation improves outcome A Mallios, France |
| 09h50 | Medical intervention to improve vascular access performance C Lok, Canada |
| 10h10 | Surgical intervention for arteriovenous fistula malfunction N Sadaghianloo, France |
| 10h30 | BREAK |
| 11h00 | WORKSHOPS |
| 13h00 | LUNCH |
| | Endovascular intervention for vascular access complications Moderators: M de Haan, M Glickman |
| 14h00 | Which balloon for vascular access angioplasty TBD |
| 14h20 | Update on drug coated balloons M Wasse, USA |
| 14h40 | Endovascular intervention of transposed AVF D Shemesh, Israel |
| 15h00 | Stents and stent grafts for central venous obstruction R Brans, the Netherlands |
| 15h20 | Stents and stent grafts for venous outflow and cephalic arch obstruction M Glickman, USA |
| 15h40 | Meta-analysis of endovascular intervention M Lazarides, Greece |
| 16h00 | BREAK |
| 16h30 | Video session Moderator: V Mickley |
| 18h00 | COCKTAIL |

Auditorium 2**Patient-centered vascular access**

Moderators: M van Loon, P Roy-Chaudhury

08h30 Introduction of the ESKD Life Plan

C Lok, Canada

08h50 Impact of catheter design on outcome

M Wasse, USA

09h10 Catheter, graft, or fistula: choice in elderly patients

M Snoeijs, the Netherlands

09h30 Ultrasound predicts early fistula outcome

P Roy-Chaudhury, USA

09h50 Is there a role for early cannulation grafts?

E Aitken, United Kingdom

10h10 Meta-analysis of vascular access performance

T Wilmink, United Kingdom

10h30 **BREAK****Monitoring and surveillance**

Moderators: E Nagler, J Rotmans

11h00 Perioperative monitoring improves vascular access success

F Saucy, Switzerland

11h20 Surveillance after vascular access creation

M Hollenbeck, Germany

11h40 Pre-emptive vascular access interventions

C Lok, Canada

12h00 **SPECIAL SESSION****13h00** **LUNCH****14h00** **WORKSHOPS****Auditorium 2****Dialysis nurses session (Dutch spoken)****Resultaten vaattoegangschirurgie**

Moderator: S Lemson, M Snoeijs

14h00 Autologe arterioveneuze fistels: korte en lange termijn functie en complicaties

T Wilmink, United Kingdom

14h20 Shunts en ischemie (casus & discussie)

B Govaert, Veldhoven

14h45 OASIS zorgevaluatie: katheter, graft of fistel voor de oudere patiënt (casus & discussie)

M Snoeijs, Maastricht

15h10 Fistels zijn niet goed voor het hart (casus & discussie)

K van der Bogt, Den Haag

15h35 Kun je shunts beter laten functioneren? (casus & discussie)

J Rotmans, Leiden

Auditorium 2**14h00** **Ruptured AAA simulation case on stage: surgical team training**

Moderators: GJ de Borst, AR Naylor

15h00 Case discussions on carotid, peripheral arteries and aorta**Room 2.7** (level I)**Room 2.9** (level I)**Room 0.4** (level -I)

Carotid

Peripheral

Aorta

R Naylor

S Debus

T Resch

GJ de Borst

A Mansilha

E Verhoeven

16h30 **BREAK****17h00** Case discussions on carotid, peripheral arteries and aorta

Carotid

Peripheral

Aorta

I Loftus

M de Haan

M Ferreira

G Hamilton

J Gahlen

S Haulon

18h00 **COCKTAIL**

Sunday, March 22

Expoyfoyer

| Aortic Root | |
|---------------------------------|--|
| Moderators: E Natour, R Lorusso | |
| 08h30 | Pathophysiology of ascending aortic aneurysms B Rylski, Germany |
| 08h50 | Treatment of the aortic valve: stented-stentless-sutureless valve State of the art and current literature R Lorusso, the Netherlands |
| 09h10 | TAVI: risk stratification and expansion of the indication A van t Hof, the Netherlands |
| 09h30 | Aortic annuloplasty with subvalvular aortic ring: external Ring G Mecozzi, the Netherlands internal Ring D Aicher, Germany |
| 10h00 | The small aortic root: management of patient prosthesis mismatch Enlargement and mechanical vs biological replacement? G Bolotin, Israel |
| 10h20 | Management of aortic root aneurysms: valve sparing vs Bentall E Natour, the Netherlands |
| 10h30 | BREAK |
| 11h00 | Case discussions on aortic root pathology |
| 13h00 | LUNCH |
| 14h00 | Surgical anatomy- Dissection of the heart Moderators: E Natour, E Bidar, M Mariani, A Khamoshian |
| 14h00 | Workshops on TAVI, valve replacement and valve sparing, annuloplasty and root enlargement, root replacement-Bental, cerebral perfusion, frozen elephant trunk debranching technique |
| 18h00 | COCKTAIL |

Monday, March 23

Expoyfoyer

| Aortic Arch | |
|-----------------------------------|--|
| Moderators: R Heijmen, P Risteski | |
| 08h30 | Safety first: neuromonitoring in arch surgery - the Maastricht navigationsystem W Mess, the Netherlands |
| 08h50 | Cerebral protection during aortic arch surgery perfusion strategies P Risteski, Germany |
| 09h10 | Acute type A aortic dissection: hit and run or do more? R Heijmen, the Netherlands |
| 09h30 | Open surgical approach to the aortic arch W Morshuis, the Netherlands |
| 09h50 | Hybrid approach to the aortic arch - frozen elephant trunk M Schresta, Germany |
| 10h10 | Endovascular approach to the aortic arch B Rylski, Germany |
| 10h30 | BREAK |
| 11h00 | Case discussions on aortic arch pathology |
| 13h00 | LUNCH |
| 14h00 | Surgical anatomy- Dissection of the heart Moderators: E Natour, E Bidar, M Mariani, A Khamoshian |
| 14h00 | Workshops on cerebral perfusion, frozen elephant trunk debranching techniques, TAVI, valve replacement and valve sparing, annuloplasty and root enlargement, root replacement-Bentall |

Tuesday, March 24

Expoyfoyer

| Advanced course on aortic repair | |
|---|---|
| Moderators: M Tozzi, E Natour | |
| 08h30 | Treatment on surgical models aortic root |
| 10h30 | BREAK |
| 11h00 | Treatment on surgical models aortic arch and elephant trunk techniques |
| 13h00 | ADJOURN |

EVC Master classes and workshops

During EVC we organize more than 250 workshops and master classes.



Getinge International Vascular Master Class together with Vascular International

This 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 22 and 23 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

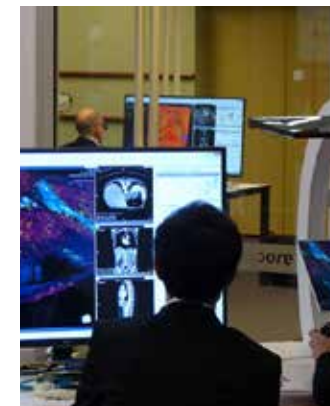
Using computer models, several workshops on measuring of thoracic and abdominal aortic aneurysms will take place, including the newest ways of seizing of endografts for both standard and more complex cases.



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 workshops

The venous workshops focus on varicose vein treatment, management of deep venous thrombosis and occlusion, ultrasound diagnostics, ablation, MRV and ulcer treatment. 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.



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.

Additional fee: € 290,-

Vascular Access Workshops

This year, we offer a new series of workshops on a basic level for vascular surgeons in training and on an advanced level for vascular surgeons who wish to become experts in vascular access surgery. The workshops will consist of hands-on training stations, case-based discussions, and interactive lectures. Participants will rotate through different workshops in small groups in order to deliver a personalised learning experience.

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)

7. Logbook (available in 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 several 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 | 48 |
| Total score | | 224 |

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 30 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 a set of defined 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 168 out of the maximum possible 224;
2. pass at least two of the three open technical assessments, and two of the three endovascular sections;
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 March 21, 2020 in the venue of the European Vascular Course which starts on March 22.

- All the documentation as well as the first installment must be sent/made by 30th November.
- 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.

Website

We suggest you to consult our website where you'll find detailed information about the Examination.

Office - UEMS Section and Board of Vascular Surgery

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

Online Registration and Housing:
www.vascular-course.com

EVC 2020 Registration Fee

Until January 1, 2020

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

After January 1, 2020

| | |
|------------------------------|---------|
| 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 2020 Registration Fee includes

- Access to all EVC sessions;
- Access to the exhibition area;
- All coffee-breaks and lunches on Sunday March 22, Monday March 23 and Tuesday March 24; (no lunch on Tuesday 24 March)
- Welcome cocktail on Sunday March 22.

EVC 2020 Combined nurses and physician symposium

(Monday 23 march)
Registration Fee € 100,-

Vascular Access Anatomy Master class

Additional Fee € 290,-

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 21 and Tuesday March 24 we have FREE SHUTTLE TRANSPORT to and from the airports to Maastricht.

For more information on Schiphol Airport please visit: www.schiphol.nl
Zaventem Airport please visit: www.brusselsairport.be/en/
Düsseldorf Airport please visit: 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

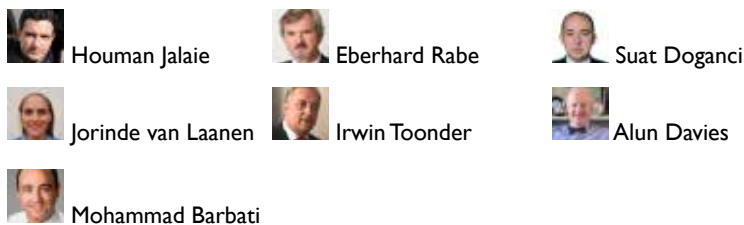
Maastricht is well known for its rich gastronomy. The greater Maastricht area features many restaurants, of which several carry Michelin stars. Maastricht has a compact city center; almost all the major attractions are within walking distance. Experience the good life in Maastricht, strolling the streets 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

Arterial Course



Venous Course



Vascular Access Course



Cardiovascular Course



Welcome to the 4th European Cardiovascular Course

Dearest colleague,

The European Cardiovascular Course (ECC) 2020 will take place on March 22-24 in Maastricht, the Netherlands. ECC is integrated in the European Vascular Course (EVC) and addresses aortic root, ascending aorta and aortic arch pathologies.

The main goal of ECC is to provide theoretical and practical education, offering participants the most recent knowledge on the treatment of aortic root, valve, ascending and aortic arch pathologies. Supplementary to the invited lectures and edited videos, we organize more than 70 training workshops on surgical techniques using the most advanced surgical models. Moreover, challenging case discussions in small groups allow you to share your views and experience with the experts in the field.

This year, MedTech Europe has classified EVC as a Third Party Organized Procedure Training, allowing member medical companies to financially support delegates to participate (travel, hospitality, registration fee).

ECC 2020 will offer:

- 12 invited lectures on aortic root, aortic valve, ascending aorta and aortic arch
- Edited video's on surgical and endovascular techniques
- Case discussions on aortic root, ascending aorta and aortic arch pathologies
- Workshops on TAVI, valve sparing, debranching, Bentall, arch repair and frozen elephant techniques

Please look at the ECC video at our website www.cardiovascular-course.com to get an impression on the venue and the workshops.

We look forward to welcome you at our 4th European Cardiovascular Course!

Ehsan Natour, Robin Heijmen and Michael Jacobs

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

Tuesday, November 19 - Saturday, November 23, 2019



Sponsored by



REGISTER NOW!

www.VEITHsymposium.org

This activity has been approved
for AMA PRA Category 1 Credits.™

LOCATION: New York Hilton - Midtown
1335 Avenue of the Americas
(between 53rd and 54th Streets)

VEITHsymposium is Compliant with the MedTech Europe Code of Ethical Business Practice.

Para la información en Español, visita por favor:
www.VEITHsymposium.org/Español

View the Complete 2018 VEITHsymposium Conference On-Line:
www.veithondemand.com

Major Partners EVC 2019



Partners EVC 2019





EVC Directorship
Prof. Michael Jacobs

Cardiovascular Center Maastricht
P. Debeyelaan 25
P.O. Box 5800
6202 AZ Maastricht
the Netherlands

T: +31 43 387 2279
E: m.jacobs@mumc.nl



Congress Secretariat

Pauwels Congress Organisers
Avenue Ceramique 222
6221 KX Maastricht
the Netherlands

T: +31 43 321 8180
F: +31 43 321 4370
E: info@pauwelspc.nl
I: www.pauwelspc.nl

pco PAUWELS
CONGRESS
ORGANISERS