Final Programme

European Society for Vascular Surgery
30th Annual Meeting

Tivoli Hotel and Congress Centre,
Copenhagen, Denmark

28–30 September 2016
Highlights

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Welcome!

Dear ESVS members, colleagues, partners and friends,

We are delighted to welcome you to the beautiful city of Copenhagen for the 30th Annual Meeting of the ESVS.

This year’s meeting is very special as it marks the 30th anniversary of the event. Since its inception, the ESVS has supported education and scientific research to stimulate debates, to challenge existing knowledge, and to educate the next generation and all those interested in vascular surgery and medicine.

As a result, over the years we have created an excellent and well regarded Journal. ESVS practice guidelines including AAA, CLI, carotid and venous disease which are very well cited have been implemented. An education and training committee was formed and numerous well attended workshops and courses have been offered. Continuous efforts are made to unite the European vascular community. Support and close collaboration with the UEMS has ensured that the Fellow of European Board of Vascular Surgery (FEBVS) Examination is well established and now mandatory to work as a vascular surgeon in some countries. To implement common standards and learn from each other, the VascuNet collaboration was inaugurated. Quality improvement and health care maintenance are important cornerstones within the work of this multinational group.

In this perspective, we are excited to provide vascular specialists with a three day meeting on the latest innovation in research, developments in clinical practice, and care.

Our extensive programme gives you the opportunity to:

• Take part in presentations and discussions by leading vascular clinicians on important updates and re-evaluations of the latest technologies and techniques, pharmaceutical agents, radiation protection, diagnostic modalities, and data from clinical trials.

• Improve your skills in our extensive vascular and endovascular workshop programme.

• Engage with your peers during plenary scientific sessions derived from peer reviewed abstracts, in addition to state of the art lectures.

We also invite you to meet and connect with colleagues and industry partners during our various social events and coffee breaks.

We hope that you will enjoy our scientific programme and wish you a memorable meeting.

We look forward to speaking with you personally.

Henrik Sillesen
Chairman Local Organising Committee

Jürg Schmidli
ESVS President
ESVS - The Organisation

Scientific Programme Committee

Prof. Jürg Schmidli
President
Switzerland

Prof. Arkadiusz Jawien
Past President
Poland

Prof. Martin Björck
President Elect
Sweden

Prof. Sebastian Debus
Secretary General
Germany

Prof. Henrik Sillesen
Chairman of the Local Organisation Committee
Denmark

Prof. Tina Cohnert
Treasurer
Austria

Prof. Ross Naylor
Editor-in-chief of the Journal
United Kingdom

Prof. Philippe Kolh
Senior Editor of the Journal
Belgium

Prof. Frank Vermassen
Chairman of the Education and Training Committee
Belgium

Dr. Jonas Eiberg
Co-chair of the Local Organisation Committee
Denmark

European Vascular Surgeons in Training (EVST) - Executive Committee

Vincent Jongkind, The Netherlands, Secretary General
Hubert Stepak, Poland, Past Secretary General
Gabriel C. Inaraja Perez, Spain
Joel Fernando Ferreira Sousa, France
6 reasons to become a member:

- Join our network of international experts dealing with vascular diseases
- Get full access to EJVES
- Participate in our many events at a preferred rate
- Get involved in our scientific activities
- Access our various workshops and online education platform
- Benefit from grants to support your project research

JOIN THE ESVS TODAY!

Learn more at esvs.org/membership
Contact us as membership@esvs.org
+32(0)2 739 30 25
## Programme at a Glance

### Wednesday, 28 September 2016

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### Thursday, 29 September 2016

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<td><strong>SY 04 - ESVS/EWMA Joint Symposium</strong></td>
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## Programme at a Glance

**Friday, 30 September 2016**

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<td><strong>SS 08</strong> - Miscellaneous (2)</td>
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The European Vascular Surgeons in Training (EVST) represents the interests of trainees in vascular surgery in Europe. The EVST is part of the European Society for Vascular Surgery (ESVS) with work on training, education, careers, research, exchange programmes and much more...

**MEMBERSHIP PRIVILEGES**

- Subscription to EJVES
- Grants for free registration at the annual meeting
- International fellowship opportunities
- E-learning opportunities
- Participation in EVST scientific sessions
- Networking and Social events
- Representation of your country in EVST council
- Participate in ESVS workshops at preferred rates
- Reduced registration at ESVS Annual Meetings

*For more information visit [www.esvs.org](http://www.esvs.org)*

*or contact membership@esvs.org*
Wednesday, 28 September 2016

08:45 – 9:00 OPENING COMMENTS

CONGRESS HALL
Ground floor

09:00 – 10:45 SY 01 – AORTIC
Update on AAA Treatment

CONGRESS HALL
Ground floor

OPENING COMMENTS

Jürg Schmidli, ESVS President, Switzerland
Henrik Sillesen, Local Committee Chair, Denmark

Influencing factors and prevention of aneurysm growth and rupture
Anders Wanhainen, Sweden

Meta-analysis and long-term results of the major EVAR trials
Janet Powell, United Kingdom

AAA indication, treatment and results: are male and female equal?
Tina Cohnert, Austria

Device developments in EVAR: what did we learn from the past, what
do we need for the future?
Fabio Verzini, Italy

Fenestrated grafts or chimneys: which to prefer when?
Nikolaos Tsilimparis, Germany

What to do with the hypogastric artery?
Eric Verhoeven, Germany
EVST 01 – CASE REPORTS

Chairs: Vincent Jongkind, The Netherlands and Roman Radysh, Ukraine

  Andres Reyes Valdivia, Africa Duque Santos, Juan Sanchez Corral, Javier Blazquez Blazquez, Julia Ocaña Guaita, Claudio Gandarias Zúñiga

- Repair of multiple aneurysms in Takayasu arteritis and family planning
  Florian Enzmann, Manuela Aspalter, Patrick Nierlich, Julio Ellacuriaga San Martin, Thomas Hölzenbein

- Aneurysm of a right aortic arch and aberrant left subclavian artery: hybrid treatment
  Marvin E. Garcia Reyes, Valentín Fernández Valenzuela, Daniel Gil Sala, Jose Manuel Domínguez González, Sergi Bellmunt Montoya

- Semiconversion as a definitive treatment for persistent type 2 endoleak causing aneurysm sac enlargement
  Alexander Croo, Eva-Line Decoster, Isabelle Van Herzeele, Frank Vermassen

- Endovenectomy of the femoral veins for post-thrombotic syndrome with venous claudication
  Silvan Jungi, Thomas Wyss, Pascal Kissling, Vladimir Makaloski, Daniel Becker, Jürg Schmidli

- Management of abdominal aortic protheto-duodenal fistula by in-situ replacement with a custom made bifurcated aortoiliacal bovine percardium xenograft
  Juliette Brusa, Stefan Ockert, Robert Seelos

- Familial abdominal aortic aneurysm
  Koen M. Van De Luijtgaarden, Frederico Bastos Gonçalves, Sanne Hoeks, Dittmar Böckler, Robert Jan Stolker, Hence Verhagen

- Vascular and endovascular interventions in retro-peritoneal sarcoma
  Mohamed Abdelhamid, Joseph Hockley, Shirley Jansen, Stefan Ponosh

- Endovascular recanalization of endograft limb occlusion after endovascular aortic repair
  Carlota Fernandez Prendes, Sara Busto Suarez, Ahmad Amer Zanabili Al-Sibbai, Jose Manuel Llaneza Coto, Lino Antonio Camblor Santervas, Manuel Alonso Perez
09:00 – 10:45  
**N&T 01 – VASCULAR NURSES PLENARY SESSION I**

**Chair:** *Margit Roed*, Denmark

- Secondary prevention for patients with PAD – What do we know about the effects?  
  *Christine Kumlien*, Sweden
- Patient participation in quality improvement and research  
  *Hanne Konradsen*, Sweden
- Patient involvement from a UK perspective  
  *Louise Allen*, United Kingdom
- Patient safety in vascular surgery  
  *Rachael Lear*, United Kingdom

11:15 – 13:00  
**SS 01 – THORACIC AORTA**

**Chairs:** *Jürg Schmidli*, Switzerland and *Sebastian Debus*, Germany

**Keynote Lecture**  
Does remodeling of the aorta outweigh morbidity and mortality of early TEVAR in uncomplicated Type B aortic dissection?  
*Stephan Haulon*, France

**OP 001**  
New facilitated method for F-Evar and B-Evar  
*Krister Liungman*, Anders Wanhainen, Kevin Mani, Linus Bosaeus, Mario Lachat

**OP 002**  
T-branch in thoraco-abdominal aneurysm treatment  
*Tomasz Jakimowicz*, Jacek Szmidt, Piotr Hammer, Grzegorz Witek, Sławomir Nazarewski

**OP 003**  
Arteriotomy closure devices in EVAR, TEVAR, and TAVR: A systematic review and meta-analysis of indications, complications and duration of treatment  
*Bastiaan P. Vierhout*, Robert Pol, Mostafa El Moumni, Clark J. Zeebregts

**OP 004**  
Late results of thoracoabdominal aortic aneurysm open repair with respect to different visceral artery revascularization techniques  
*Andrea Kahlberg*, Riccardo Miloro, Angela M. Ferrante, Luca Bertoglio, Daniele Mascia, Enrico Rinaldi, Germano Melissano, Roberto Chiesa

**OP 005**  
Early and mid-term outcome of fenestrated and branch thoracoabdominal aortic repair with renovisceral incorporation and supracoeliac coverage  
*Andreas Koutsoumpelis*, Massimo Vezzosi Mauro Lafrancesco, Aaron Ranasinghe, Jorge Mascaro, Martin Claridge, Donald Adam

**OP 006**  
Surgical treatment of 52 patients with midaortic dysplastic syndrome  
*Valeriy Arakelyan*, Inna Chshieva, Vasil Papitashvili, Nazim Gamzaev, Nikita Gidaspov Natalya Bortnikova
OP 007  Modified reversed frozen elephant trunk for thoracoabdominal aortic repair in a pig model
Sebastian Debus, Tilo Köbel, Daniel Manzoni, Anna Dupree, Henrik Rieß, Nikolaos Tsigilmparis, Sabine H. Wipper

OP 008  Treatment trends and outcomes of open and endovascular thoracoabdominal aortic repairs in a single center
Gustavo S. Oderich, Ying Huang, Mauricio Ribeiro, Thomas C. Bower, Alberto Pochettino, Manju Kalra, Mark D. Fleming, Randall R. DeMartino, Peter Gloviczki

OP 009  Thoraco-abdominal open repair in patients with previous thoracic endografting
Enrico Rinaldi, Germano Melissano, Luca Bertoglio, Andrea Kahlberg, Daniele Yamume Tshomba, Roberto Chiesa

11:15 – 12:30  EVST 02 – TRAINING SESSION
CARSTENSEN
-1 floor

Chairs: Jonathan Beard, United Kingdom and Igor Banzic, Serbia

- Non-technical skills for surgeons
  Jonathan Beard, United Kingdom
- How to plan successful fellowship
  Sabine Wipper, Germany
- Importance of workshops in your training
  Fernando Gallardo Pedrajas, Spain
- Medical simulation in vascular training
  Isabelle Van Herzelee, Belgium

11:15 – 13:00  N&T 02 – VASCULAR NURSES PLENARY SESSION II
PJERROT
Ground floor

Chairs: Christina Kumlien, Sweden and Camilla von Jessen, Denmark

- 10 years after implementing a fast-track program for aortic aneurysm - how to ensure quality of nursing care?
  Dorthe Hjort Jakobsen and Lone Schmidt, Denmark
- Improvement of pain treatment – A 360 degrees view
  Pernille Lykke Pedersen and Birgitte Kitter, Denmark
- Prevention of foot ulcers in patients with diabetes
  Magdalena Gershater, Sweden
- The value of Negative Pressure Wound Therapy (NPWT) in vascular patients
  Christina Monsen, Sweden
12:30 – 13:00

**EVST AGM**

**CARSTENSEN**
-1 floor

- Opening and Introduction
  - **Hubert Stepak**, Poland
- Update on EVST Membership
  - **Vincent Jongkind**, The Netherlands
- Presentation new EVST executive committee
  - **Vincent Jongkind**, The Netherlands,
  - **Joel Fernando Ferreira Sousa**, France
- Questions from EVST members

13:00 – 14:00

**VASCFORWARD LUNCH SYMPOSIUM**

**PJERROT**
Ground floor

- How I got there - Research and Training in Houston, Texas
  - **Sabine Wipper**, Germany
- Discussion
- Questions & Answers

14:00 – 15:30

**SS 02 – PRIZE SESSION**

**CONGRESS HALL**
Ground floor

- **OP 010**
  Long-term outcome after carotid artery stenting – a population based matched cohort study - inferior outcome of carotid stenting in long term follow up
  - **Magnus Jonsson**, David Lindström, Peter Gillgren, Anders Wanhainen, Jonas Malmstedt

- **OP 011**
  A proficiency-based stepwise endovascular curricular training (prospect) program enhances performance in real life: a randomized controlled trial
  - **Heidi Maertens**, Frank Vermassen, Nathalie Moreels, Isabelle Van Herzeele

- **OP 012**
  Radiation-associated DNA damage in operators during endovascular aortic repair

- **OP 013**
  Distal seal dynamics and clinical consequences after endovascular aneurysm repair
  - **Nelson Gomes Oliveira**, Frederico Bastos Gonçalves, Marie Josee van Rijn, Klaas Ultee, Sander Ten Raa, Sanne Hoeks, Robert Stolker, Hence Verhagen
16:00 – 15:30 EVST 03 – AORTIC DISSECTION

**OP 014**
A nationwide study on treatment of mycotic abdominal aortic aneurysms 1994-2014
*Karl Sörelius, Anders Wanhainen, Martin Björck, Mia Furebring, Peter Gillgren, Kevin Mani*

**OP 015**
Mechanochemical ablation vs. thermoablation in the treatment of GSV reflux: a randomized trial
*Sari Vähäaho, Osman Mahmoud, Karoliina Halmesmäki, Anders Albäck, Pirkka Vikatmaa, Katarina Noronen, Maarit Venermo, Ayman Hasaballah*

14:00 – 15:30 CARSTENSEN
-1 floor

**EVST 03 – AORTIC DISSECTION**

Chairs: **Jürg Schmidli**, Switzerland and **Joel Fernando Ferreira Sousa**, France

- Is there an uncomplicated dissection?
  *Gustav Fraedrich*, Austria

- Open repair of aortic dissection
  *Jürg Schmidli*, Switzerland

- Endovascular treatment of aortic dissection
  *Arjan Hoksbergen*, The Netherlands

- Conservative treatment – connective tissue disease
  *Yskert von Kondolitsch*, Germany

14:00 – 15:30 N&T 03 – ENDOVASCULAR ASSISTANT PLENARY SESSION

**Concept of EVA**

**N&T 03 – ENDOVASCULAR ASSISTANT PLENARY SESSION**

**Concept of EVA**

Chairs: **Sebastian Debus**, Germany and **John Leth**, Denmark

- Requirements and education: introduction of concept
  *Sebastian Debus*, Germany

- Experience as endovascular technician in Germany
  *Nathalia Michalski*, Germany

- Experience as endovascular assistant in a venous clinic
  *John Leth*, Denmark

- X-ray protection and contrast safety
  *Tilo Köbel*, Germany
SY 02 – CAROTID

Challenging Cerebrovascular Scenarios

Chairs: Ross Naylor, United Kingdom and Barbara Rantner, Austria

- Expedited CEA/CAS in symptomatic patients: lessons from randomised trials & national registries
  Barbara Rantner, Austria
- Performing CEA/CAS after thrombolysis
  Martin Björck, Sweden
- Management of symptomatic vertebral artery disease
  Hugh S. Markus, United Kingdom
- Accessing the distal ICA in complex carotid disease
  Ross Naylor, United Kingdom
- Treating tandem inflow and bifurcation disease
  Gert-Jan de Borst, The Netherlands
- Neurorescue after embolic stroke during CEA/CAS
  Jos C. van den Berg, Switzerland

SS 03 – AORTA

Variations in abdominal aortic aneurysm treatment: one disease, two guidelines, eleven countries
Adam W. Beck, Kevin Mani, Art Sedarkyan, Jialin Mao, Maarit Venermo, Rumi Faizer, Sebastian Debus, Christian Behrendt, Salvatore Scali, Martin Altreuther, Marc Schermerhorn, Barry Beiles, Zoltan Szeberin, Nikolai Eldrup, Gudmundur Danielsson, Ian Thomson, George Heller, Martin Björck, Jack Cronenwett

OP 016

The best conditions for 2 and 3 parallel stenting during EVAR: an in vitro study
Gaspar Mestres, Xavier Yugueros, Ana Apodaka, Savino Pasquadisbeciglie, Xavier Alomar, Vincent Riambau

OP 017

Changes in renal anatomy after fenestrated endovascular aneurysm repair
Blandine Maurel, Youcef Lounes, Mau Amako, Dominique Fabre, Adrien Hertault, Jonathan Sobocinski, Raphaelle Spear, Richard Azaoui, Tara M. Mastroacci, Stephan Haulon

OP 018

Evar with flared iliac limbs has a high risk of late type 1b endoleak
Daphne Gray, Jan S. Brunkwall, Michael Gawenda

OP 019
**OP 020**  
Female sex is an independent risk factor for worse clinical outcomes in abdominal aortic aneurysm treatment. A secondary data analysis of the nationwide German DRG microdata 2005-2013  
Matthias Trenner, Andreas Kuehnl, Hans-Henning Eckstein

**OP 021**  
Lesson learned with the use of iliac branch devices: 10-year results in 150 consecutive patients  
Gianbattista Parlani, Gioele Simonte, Luca Farchioni, Giacomo Isernia, Enrico Cieri, Massimo Lenti, Piergiorgio Cao, Fabio Verzini

**OP 022**  
The long-term durability of intraoperatively placed of palmaz stents for the treatment of type ia endoleaks after evar of AAA  
Mohammed Abdulrasak, Timothy Resch, Björn Sonesson, Jan Holst, Thorarinn Kristmundsson, Nuno Dias

**OP 023**  
The UK pilot study on multi-layer flow-modulating stents for thoraco-abdominal and peri-renal aneurysms: results at three years  
Chris Lowe, Ferdinand Serracino-Inglott, Ray Ashleigh, Charles McCollum

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16:00 – 17:00 **EVST 04 - PRIZE POSTER SESSION**

**EXHIBITION AREA**  
Ground floor

**PP 001**  
Popliteal angiosarcoma as a late evolution of previously treated popliteal aneurysm  
Manuela Cherchi, Luigi Pibiri, Stefano Camparini

**PP 002**  
A case of mobile aortic arch thrombus syndrome with systemic embolisation  
Stephan Micallef Eynaud, Francesca Aquilina, Ian Said, Adrian Mizzi, Sinisa Pejkic

**PP 003**  
Iatrogenic type A dissection in a marfan’s syndrome patient repaired using E-xl® stent  
Liliana Fidalgo Domingos, Noelia Cenizo, Vicente Gutiérrez, Isabel Estévez, Diana Gutiérrez, Carlos Vaquero

**PP 004**  
Suspected type IIIb endoleak. An intrasac “neo-vascularization like” image following suprarenal fixation evar with adjunctive self-expandable nitinol stent due to short neck  
Andres Reyes Valdivia, Africa Duque Santos, Juan Sanchez Corral, Javier Blazquez Blazquez, Julia Ocaña Guaíta, Claudio Gandarias Zúñiga

**PP 005**  
Stenting for stenotic aorto-renal bypass  
Miguel Lemos Gomes, Goulalo Sobrinho, João Vieira, Luís M. Pedro, José Fernandes e Fernandes

**PP 006**  
Surgical treatment of inferior mesenteric artery aneurysm  
Jelena Timofejeva, Aina Kratovska, Kaspars Staudzos, Patricija Ivanova, Arturs Ligers, Vitalijs Zvirgzdins
PP 007  Open surgery of Leriche’s Syndrome in a patient with crossed fused renal ectopia and duplication of the inferior vena cava
David Garbaisz, Csaba Csobay-Novak, Zsuzsa Nagy, Zoltan Szeberin

PP 008  Kissing-covered-stent for aortoiliac disease
Mariel Stefania Riedemann Witsuba, Carol E. Padrón Encalada, Amer Zanabili Al-Sibbai, Lino A. Camblor Santervás, Jose M. Llaneza Coto, Manuel Alonso Pérez

PP 009  “Extended posterior approach” for giant popliteal aneurysm extended to superficial femoral artery
Tomoki Cho, Japan

PP 010  A case of accidental stent deployment: what we did?
Burak Acikgoz, Elif Guneysu, Ali A. Kavala, Senel Altun, Vedat Bakuy

PP 011  Ehlers-Danlos Syndrome type IV: can we prevent a tragedy?
Sérgio Teixeira, Pedro Sá Pinto, Carlos Veiga, João Gonçalves, Ivone Silva, Duarte Rego, Vitor Ferreira, Gabriela Teixeira, Inês Antunes, Rui Almeida

17:00 – 17:30 EVST HONORARY LECTURE
PJERROT
Chair: Vincent Jongkind, The Netherlands
Changes in Vascular surgery and its impact on the education of the vascular specialist
José Fernandes e Fernandes, Portugal

17:30 – 18:15 ESVS AGM
CONGRESS HALL
- Report and Introduction by the President
- Report of the Treasurer
- Report of the Editor in Chief
- Report of the Secretary General
- Election of the President 2017-2018
- Any Other Business

18:15 – 18:30 PRESIDENTIAL ADDRESS
CONGRESS HALL
Jürg Schmidli, ESVS President, Switzerland
08:00 – 17:00

**FEBVS TECHNICAL SKILLS REVISION COURSE**

*Convener: Hans-Henning Eckstein, Germany*

The Revision Course is aimed at vascular surgical trainees who intend to take the FEBVS Assessment within the next year. The course covers the aspects of the FEBVS Assessment in an interactive format and the small group size ensures one-to-one involvement of every participant. There is a high faculty to participant ratio and the faculty are all experienced senior vascular surgeons.

This year, the Revision course is divided into two modules, each of one-day duration. This first module will cover the technical skills required for the FEBVS Assessment. The day begins with an overview of the open and endovascular skills simulations used in the Assessment. Participants then have the opportunity to practice procedures on these simulators, such as open AAA repair, distal (tibial) anastomosis and carotid endarterectomy. They will then be assessed on each simulation and receive direct feedback on their performance.

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09:00 – 13:00

**MASTERCLASS ON SCIENTIFIC WRITING**

*Convener: Florian Dick, Switzerland*

Should you have missed this highly informative course at the EVC Meeting in Maastricht, don’t hesitate to join the course now! This intensive academic training will be composed of 2 parts. The first part will focus on how to successfully write and present an abstract, while the second part will teach participants how to effectively read, interpret and write a paper. Participants will not only follow lectures, but also 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.

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09:00 – 13:00

**COMPLEX AAA WORKSHOP**

*Convener: Michael Jenkins, United Kingdom*

This practical workshop comprises of short lectures and practical surgical demonstrations from experts, followed by supervision of the trainees performing the same steps on models. The course has been developed over a number of years following information derived from candidates sitting the FEBVS exam and potential gaps in their training with more complex cases. Detailed feedback is obtained from each candidate after each course, which is then continually adapted and improved based on this structured feedback. The course aims to give established surgeons more confidence and “tips and tricks” when tackling more complicated aortic cases.
14:00 – 18:00
ARKADEN 8
+2 floor

FUNDAMENTAL ENDOVASCULAR WORKSHOP

Convener: Fabio Verzini, Italy

Endovascular procedures gain an ever increasing importance in the treatment of arterial lesions. This workshop will offer the participants the opportunity to get familiar with the materials (sheaths, wires, catheters, balloons, stents) used for endovascular interventions and to learn the different steps in iliac and femoral interventions. After a short theoretical introduction the procedures will be trained hands-on on high-fidelity simulators.

This course is intended for (young) vascular surgeons with no or limited practical experience in endovascular techniques, aiming to perform these procedures in the future or at least to know what interventionalists are talking about.

14:00 – 18:00
HARLEKIN
Ground floor

VASCULAR TRAUMA WORKSHOP

Convener: Carl Wahlgren, Sweden

The need for improving vascular surgical technique, both open and endovascular, has been increasingly recognized in recent years. These masterclass workshops on simulators have proved to be a very effective method of skills training. This workshop provides excellent hands on experience on realistic models to perform open peripheral vascular trauma repair. The tutors are extremely experienced and the close tutor-participant interaction guarantees an intensive learning process. The training atmosphere is relaxed and full discussion is encouraged.
Thursday, 29 September 2016

08:00 – 09:00

SY 03 – ESVS/DKKS JOINT SYMPOSIUM

Critical Limb Ischemia Revascularisation

Chairs: Martin Björck, Sweden and Kim Houлинд, Denmark

- Five year results from the Danish VIVA trial - a large population based randomised screening trial for AAA, PAD and hypertension?
  Jes Lindholt, Denmark

- What is the evidence in favour of endovascular treatment of infrainguinal disease in patients with CLI
  Torben Schroeder, Denmark

- Safety and efficacy of distal venous bypass in the era of crural PTA
  Kim Houлинд, Denmark

- Management of critical limb ischemia in the patient with diabetes
  Robert Hinchliffe, United Kingdom

08:00 – 09:00

SS 04 – MISCELLANEOUS (1)

Chairs: Clark Zeebregts, The Netherlands and Anders Alбёк, Finland

OP 024 Degradation phenomena on second generation of explanted aortic textile endografts
Nabil Chakfe, Yannick Georg, Agnes Bussmann, Frederic Heim Julie Papillon, Elie Girsowicz, Charline Delay, Delphine Dion, Anne Lejay, Fabien Thaveau

OP 025 Diastolic blood pressure as an independent risk factor for periprocedural events following carotid endarterectomy in asymptomatic patients (on behalf of the ACST-1 collaborative group))
Djurre De Waard, Gert-Jan de Borst, Richard Bulbulia, Alison Halliday

OP 026 Conteci program. A new way to control peripheral arterial disease using the new technologies and the patient empowerment. Randomized trial.
Meritxell Davins, Vicenç Artigas Raventós, Xavier Borràs, Pérez, Elisabet Palomera Fanegas, Mateu Serra Prat, Jesús Alós Villacrossa
A novel prediction tool to predict mobility outcome after lower extremity amputation secondary to peripheral arterial disease and/or diabetes
Joseph Czerniecki, Aaron Turner, Rhonda Williams, Mary Lou Thompson, Kevin Hakimi, Gregory Landry, Dan Norvell

Assessment of foot perfusion before and after revascularization of critically ischemic foot using indocyanine green fluorescence imaging
Nicla Settembre, Anders Albäck, Petteri Kauhanen, Kristyna Spillerova, Maarit Venermo

ESVS PRIZE POSTER SESSION

Chairs: Nabil Chakfe, France and Mauro Gargiulo, Italy

In this session, the authors of the 12 best ESVS Posters selected on Wednesday, 28 September will deliver a short oral presentation on their research. The winner of the Best ESVS Poster will be announced during the Networking Event, on Thursday, 29 September at the Store VEGA.

09:00 – 10:45 SY 04 – ESVS/EWMA JOINT SYMPOSIUM
Diabetic Foot

Chairs: Melina Vega de Ceniga, Spain and Arkadiusz Jawien, Poland

- How revascularisation did change the prognosis of global diabetic foot treatment
  Jan Apelqvist, Sweden

- A tale of two diseases
  Michael Edmonds, United Kingdom

- The complexity of diabetic foot macroangiopathy - the surgeon’s view
  Frank Vermassen, Belgium

- How to maintain the revascularised foot revascularised
  Anders Albäck, Finland

- Does the angiosome concept also work for the diabetic foot?
  Robert Hinchliffe, United Kingdom

- Diabetic foot ulcers in the Dutch population
  Robert Stoekenbroek, The Netherlands

- How should multidisciplinary diabetic foot centers be organised?
  Panel Discussion
SS 05 – CAROTID

Carstensen
-1 floor

09:00 – 10:45

Chairs: Hari Hakovirta, Finland and Alison Halliday, United Kingdom

OP 029
Individual patient data analysis of 5226 patients in the asymptomatic carotid surgery trials - benefits and hazards of immediate surgery in patients taking contemporary medical therapies (on behalf of ACST-1, ACAS & VACS collaborators and the CSTC)

Alison Halliday, Hongchao Pan, Peter Rothwell, Richard Bulbulia, Richard Peto

OP 030
A systematic review and meta-analysis of outcomes following staged/synchronous carotid artery stenting and coronary artery bypass surgery

Kosmas Paraskevas, Sarah Nduwayo, Athanasios Saratzis, Ross Naylor

OP 031
Shunting during carotid endarterectomy: what we have learned from diffusion-weighted magnetic resonance imaging

Elke Wybaillie, Patrick Seynaeve, Hans Pottel, Gunter De Smul, Paul Wallaert, Philip Lerut

OP 032
The national Norwegian carotid study: time from symptom debut to surgery is too long, giving additional neurological events


OP 033
Significant association of annual hospital volume with the risk of in-hospital stroke or death following carotid endarterectomy but not carotid stenting: secondary data analysis of the statutory German carotid quality assurance database

Andreas Kuehnl, Pavlos Tsantilas, Christoph Knappich, Sofie Schmid, Thorben Breitkreuz, Alexander Zimmermann

OP 034
Surgical treatment of carotid body tumors

William Stone, Samuel Money, Victor Davila, Richard Fowl, Thomas Bower

OP 035
Fate of distal false aneurysms complicating internal carotid artery dissection: a systematic review

Kosmas Paraskevas, Andrew Batchelder, Ross Naylor

OP 036
Impact of different procedural variables on the risk of in-hospital stroke or death after carotid endarterectomy and carotid artery stenting in routine practice: a secondary data analysis of the statutory nationwide German quality assurance database

Christoph Knappich, Andreas Kuehnl, Pavlos Tsantilas, Sofie Schmid, Thorben Breitkreuz, Michael Kallmayer, Alexander Zimmermann, Hans-Henning Eckstein
N&T 04 – VASCULAR TECHNICIANS AND NURSING RESEARCH
PLENARY SESSION

Chairs: Tracey Gall, United Kingdom and Henrik Sillesen, Denmark

- Training to become vascular technician in the United Kingdom
  Tracey Gall, United Kingdom
- Certification of competences in vascular ultrasonography in Spain
  Ramon Vila Coll, Spain
- New developments in vascular ultrasonography: 3D imaging
  Henrik Sillesen, Denmark
- New developments in vascular ultrasonography: the use of ultrasound contrast agents
  Kim Bredahl, Denmark
- Endovascular treatment of abdominal aortic aneurysms with the chimps technique: a challenge for the OR nurse
  Donatella Riccio, Italy
- Heparin-saline flushing devices dose solution in endovascular procedures
  Brugues Calaf, Spain

11:15 – 12:30

SY 05 – ONGOING TRIALS

Chairs: Henrik Sillesen, Denmark and Philippe Kolh, Belgium

- ECST-2 Trial
  Martin Brown, United Kingdom
- Best CLI Trial
  Matthew Menard, United States
- Euclid Trial
  Martin Björck, Sweden
- ACST-2: Over 2200 patients randomised to CEA vs CAS – Maximizing European participation
  Alison Halliday and Richard Bulbulia, United Kingdom

11:15 – 12:30

SS 06 – PAD

Chairs: Thomas Hölzenbein, Germany and Lazar Davidovic, Serbia

Keynote Lecture
Does the rate of amputations increase in the era of lower limb endovascular first strategy?
Maarit Venermo, Sweden
**Thursday, 29 September 2016**

### SCIENTIFIC PROGRAMME

OP 037  Cost effectiveness analysis of heparin versus standard polytetrafluoroethylene graft alongside a randomised controlled trial with five years follow-up

*Jes S. Lindholt, Marie Villemoes, Kim C. Houlin, Bo Gottschalksen, Christian N. Pedersen, Martin Rasmussen, Charlotte Wedel, Morten B. Bramsen, Rikke Søgaard*

OP 038  Contemporary cardiovascular risk and secondary preventive drug treatment patterns in peripheral arterial disease patients undergoing revascularization

*Birgitta Sigvant, Björn Kragsterman, Marten Falkenberg, Marcus Thuresson, Joakim Nordinstig*

OP 039  Ten years experience with community claudication clinics

*Colin Wood, M.C Ruiz, M.M Mirghani, E. Allen, L. Crawford, A. McCusker, E. Brankin, R.N Scott*

OP 040  Drug-eluting balloon angioplasty versus uncoated balloon angioplasty in patients with femoropopliteal arterial occlusive disease: a meta-analysis of randomized controlled trials

*Hidde Jongsma, Joost Bekken, Jean-Paul de Vries, Hence Verhagen, Bram Fioole*

OP 041  A high ankle-brachial index is associated with all-cause mortality in a population without cardiovascular disease. The REGICOR study

*Alina Velescu, Albert Clará Velasco, Judith Peñafiel Muñoz, Lidia Marcos Garcia, Jaume Marrugat de la Iglesia, Roberto Elosua Llanos*

OP 042  Prevalence of major lower limb amputation across Denmark and its relationship with revascularization, demography and disease risk factors

*Louise Skovgaard Londero, Annette Høgh, Kim Houlin, Jes Lindholt*

### 11:15 – 13:00

**N&T 05 – VASCULAR NURSES ROUND TABLE SESSION**

Participants will be invited to join one of the 9 round tables, moderated by the Speakers of the previous plenary sessions. The participants will have the chance to join 3 different tables and therefore discuss and exchange ideas on 3 different topics with their peers. The different themes are: prevention for patients with PAD, patient involvement and participation, fast-track programs, pain treatment, ulcers and wound treatment in vascular surgery, prevention and treatment of pressure ulcers, endovascular assistant in vascular surgery, vascular technicians, and research in vascular nursing.

### 12:30 – 13:00

**VOLODOS KEYNOTE LECTURE**

Chair: **Jürg Schmidli**, Switzerland

- The war against error

*Ross Naylor, United Kingdom*
16:00 – 17:30 SY 06 – ESVS/EACTS JOINT SYMPOSIUM
Spinal cord ischemia after TAAA open repair and TEVAR

CONGRESS HALL
Ground floor

Chairs: Jürg Schmidli, Switzerland and Christian Etz, Germany

- Does anatomy of spinal cord supply influence the therapeutic modality?
  Christian Etz, Germany
- Overview of assessing spinal cord function
  Werner Mess, The Netherlands
- Is there evidence for a staged approach for endovascular therapy?
  Tilo Kölbel, Germany
- Is there evidence for a staged approach for open repair?
  Michael Jacobs, The Netherlands
- What is the rationale behind delayed spinal cord ischemia and how can this be prevented?
  Bartosz Rylski, Germany
- The role of adjuncts to prevent spinal cord ischemia in open repair
  Matthias Siepe, Germany

16:00 – 17:30 SY 07 - PAD

CARSTENSEN
-1 floor

Chairs: Henrik Sillesen, Denmark and Martin Björck, Sweden

- How is PAD treated according to European registries?
  Joakim Nordanstig, Sweden
- Antiplatelet therapy prescription before and after diagnosis of peripheral artery disease and lower extremity revascularization: a United Kingdom database study of patterns and time trends
  Luis Alberto García Rodríguez, Spain
- Can outcomes of vascular surgery be improved by optimal medical management?
  Robert Hinchliffe, United Kingdom

DEBATE 1 Life or limb or both! Who should be responsible?

- Angiologist’s view
  Anders Gottsäter, Sweden
- Vascular Surgeon’s view
  Henrik Sillesen, Denmark

DEBATE 2 Do PAD patients need a multi-disciplinary approach?

- Angiologist’s view
  Marianne Brodmann, Austria
- Vascular Surgeon’s view
  Maarit Venermo, Finland
**SS 07 – BASIC SCIENCE**

PJERROT
Ground floor

**Chair: Anders Wanhainen, Sweden**

**OP 043**
Circulating levels of VEGF-associated growth factors in end-stage peripheral arterial disease
*Olli Hautero, Juho Jalkanen, Mikael Maksimow, Sirpa Jalkanen, Harri Hakovirta*

**OP 044**
Upregulation of 14q32 micrornas in human subcutaneous adipose tissue of patients with critical limb ischemia at risk of major amputation
*Yael Nossent, Sabine Welten, Ming Tao, Alban Longchamp, Szymon Kielbasa, Paul Quax, Keith Ozaki*

**OP 045**
A novel anti-inflammatory biomarker that predicts peripheral vein graft failure
*Michael Sobel, Mayumi Yagi, Gale L. Tang, Ted R. Kohler, Errol S. Wijelath, Richard D. Kenagy, Katherine T. Moreno*

**OP 046**
Differential gene expression during progression of human abdominal aortic aneurysm
*Gabor Gäbel, Frank Schönleben, Irene Hinterseher, Hendrik Bergert, Jan H. Lindeman*

**OP 047**
Further insights into tissue engineered small diameter vascular grafts: impact of surface modification on patency and in vivo compatibility
*Max Theodor Wacker, Dieter Klemm, Maximilian Scherner, Carolyn Weber, Kaveh Eghbalzadeh, Stefanie Reinhardt Thorsten*

**2016 Spring Meeting Best Abstract**
Simulator for training in endovascular infrarenal aneurysm repair: the use of 3D printers
*Inez Torres, Spain*

**2016 Spring Meeting Best Abstract**
Complete percutaneous transapical instrumentation for single-sidebranch arch endograft using a percutaneous closure device in pigs
*Sabine Wipper, Germany*

**OP 048**
Can peritoneum become an artery? Peritoneum as an arterial graft material in a large mammal
*Petter Davik, Martin Altreuther, Erney Mattsson*
08:00 – 17:00  
**FEBVS CLINICAL AND ACADEMIC SKILLS REVISION COURSE**

*Convener: Jonathan Beard, United Kingdom*

This second module will cover the academic and clinical skills required for the FEBVS Assessment. The day begins with an overview of the clinical and academic skills stations used in the Assessment, followed by tips on how to pass the academic station. Participants then rotate in small groups around the academic and four clinical stations. The clinical stations cover leg artery disease and trauma, aortic and mesenteric disease, carotid and upper limb disease, and venous/lymphatic disease. At each clinical station, every participant will be assessed on a typical scenario used in the FEBVS Assessment and feedback given on their performance. At the academic stations, each participant is required to present a critique of a paper that they have been given to review.

09:00 – 13:00  
**VENOUS WORKSHOP**

*Convener: Stephen Black, United Kingdom*

This half-day theoretical and hands-on workshop on venous stenting and thrombolysis is meant for physicians, vascular surgeons and radiologists. Participants will be divided in small groups and rotate every hour around 4 stations to become acquainted with the various stations and to offer as much hands-on practice as possible. Participants should have basic skills in venous diagnostics and treatment.

14:00 – 18:00  
**LOWER LIMB ULTRASOUND MASTERCLASS**

*Convener: Jonas Eiberg, Denmark*

Vascular ultrasound is a rapidly developing modality in vascular surgery. The objective with this workshop is to introduce you to vascular ultrasound of the lower limb arteries (above and below knee) and to understand the indication and limitation for such a scan – and, ideally, make you capable to start your own scan back in the clinic. We will teach you normal “ultrasound anatomy”, choice of equipment, optimizing the scan, to avoid some pitfalls as well as tips and tricks from tutors highly experienced with lower limb US. The course is an intensive 4-hour workshop with focus on hands-on training on healthy models under supervision.

The course is designed for vascular surgeons, vascular surgeons in training and vascular nurses with some basic knowledge to (vascular) ultrasound.
Friday, 30 September 2016

08:00 – 09:00
SS 08 – MISCELLANEOUS (2)
CONGRESS HALL
Ground floor

Chairs: Zoltán Szeberin, Hungary and Jörg Heckenkamp, Germany

OP 049
VasQ - an innovative external support device improves functionality of arteriovenous fistulas: pilot study results

Eric Chemla, United Kingdom

OP 050
PTFE thigh loops provide better primary patency, than other vascular access locations

Peter Konstantiniuk, Stefanie Santler, Georg Schramayer, Florian Prüller, Ulrike Demel, Tina Cohnert

OP 051
Diastolic diameter measurements on the thoracic aorta can lead to accurate sizing of endografts in young patients

Peter Sotonyi, Csaba Csobay-Novak, Daniele M. Fontanini, Brigitta Szilagyi, Kalman Huttí

OP 052
Three-dimensional contrast-enhanced ultrasound improves the detection and classification of endoleaks following endovascular aneurysm repair

Chris Lowe, Abeera Abbas, Steven Rogers, Lee Smith, Jonathan Ghosh, Charles McCollum

OP 053
Follow-up of fascial suture after endovascular aneurysm repair with duplex ultrasound

Kim Bredahl, Kristian Fredholm, Lars Lönn, Katja Vogt, Henrik Sillesen, Jonas Eiberg, Kim Bredahl

OP 054
Prevention of incisional hernia after abdominal aortic aneurysm repair (AIDA study)

Holger Diener, Hans Henning Eckstein, Heiner Wenk, Johannes Gahlen, Richard Kellersmann, Jochen Grommes, Eric Verhoeven, Harald Daum, Thomas Hupp, Sebastian Debus
**SS 09 – VENOUS/WOUND**

**09:00 – 10:00**

**CARSTENSEN**

-1 floor

**Chairs:** *Athanasios Giannoukas*, Greece and *Tankut Akay*, Turkey

**OP 055**

A systematic review of stenting in the management of acute deep venous thrombosis

*Mohamed A. H. Taha*, Andrew Busuttil, Roshan Bootun, Alun H. Davies

**OP 056**

Endovenous laser therapy (ELT) of saphenous vein reflux using thulium laser (TM, 1940nm) with radial fiber - one year results

*Anna Esipova*, Claus-Georg Schmedt, Slobodan Dikic, Abhay Setia, Sahit Demhasaj, Thomas Dieckmann, Marius- Mircea Tipi, Ronald Sroka

**OP 057**

Reconstruction of the venous outflow of the lower extremity in post-thrombotic syndrome and iliac vein compression syndrome

*Timme Van Vuuren*, Mark A. de Wolf, Carsten W. Arnoldussen, Ralph L. Kurstjens, Jorinde H. van Laanen, Houman Jalaie, Rick de Graaf, Cees H. Witten.

**OP 058**

Endovascular recanalization of chronic non-malignant obstruction of the inferior vena cava

*Ole Jørgen Grøtta*, Tone Enden, Gunnar Sandbæk, Dag Bay, Carl-Erik Slagsvold, Gard F. Gjerdalen, Jørgen J. Jørgensen, Antonio Rosales

**OP 059**

“To cover or not to cover, that is the question” - rectus femoris muscle flaps in groin defects after vascular surgery

*Jurek Conings*, Jan Willem Daemen, Ilse Mostaert, Jan-Willem Elshof, Marc Scheltinga, Barend Mees

**OP 060**

Negative pressure wound therapy to prevent groin infections after vascular surgery - a randomized controlled trial

*Julien Hasselmann*, Tobias Kühme, Stefan Acosta

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**SY 08 – MESENTERIC ISCHEMIA**

**09:00 – 10:00**

**CONGRESS HALL**

Ground floor

**Chairs:** *Martin Björck*, Sweden and *Tina Cohnert*, Austria

- The ESVS Guidelines on the management of diseases of the mesenteric arteries and veins
  *Martin Björck*, Sweden

- Chronic mesenteric ischaemia, which are the controversies?
  *Tim Lees*, United Kingdom

- Acute arterial mesenteric ischaemia, which are the controversies?
  *Stefan Acosta*, Sweden

- Venous mesenteric ischaemia, which are the controversies?
  *Mark Koelemay*, The Netherlands
10:30 – 12:15  
**SY 09 – ESVS/SVS DEBATES**

**CONGRESS HALL**  
Ground floor

**DEBATE 1**  
Real world outcomes after CEA do match RCT results and therefore CEA remains the gold standard  
**Bruce Perler, United States vs Henning Eckstein, Germany**

**DEBATE 2**  
A paradigm of open repair is the preferred method of treating patients with infrarenal abdominal aortic aneurysm and short, angulated neck (>60°)  
**Florian Dick, Switzerland vs Clement Darling, United States**

**DEBATE 3**  
In popliteal artery aneurysm, great saphenous vein interposition or bypass graft provide the best long term outcome  
**Stefan Acosta, Sweden vs Alik Farber, United States**

10:30 – 12:15  
**SY 10 - VENOUS**

**CARSTENSEN**  
-1 floor

**Assessing the efficacy of varicose vein treatment – histological evaluations**  
**Marc Vuylsteke, Belgium**

**Treating acute DVT – advances and challenges**  
**Armando Mansilha, Portugal**

**Advances in venous stenting for the treatment of PTS**  
**Erin Murphy, United States**

**Venous valves – the next frontier**  
**Antonio Rosales, Norway**

**Treatment of superficial reflux: strategies, options and outcomes**  
**Sarah Thomis, Belgium**

**Assessing the outcome of venous interventions – QOL data and disease specific scores**  
**Manjit Gohel, United Kingdom**

**A decade of experience of venous intervention**  
**Patty Thorpe, United States**
10:30 – 12:15

**SS 10 – MISCELLANEOUS (3)**

**PJERROT**

Chair: **Gianmarco de Donato**, Italy

Ground floor

**OP 061**

10-year experience of cryopreserved arterial allografts

*Anne Lejay, Charline Delay, Elie Girsovicz, Bettina Chenesseau, Mathieu Roussin, Vincent Meteyer, Fabien Thaveau, Yannick Georg, Nabil Chakfe*

**OP 062**

The DANCAVAS pilot study of multifaceted screening for subclinical cardiovascular disease in men and women aged 65-74


**OP 063**

Long-term results of the NAIS procedure for aortic-graft infections and mycotic aneurysms: a single-center experience

*Valerie Gauvin, Julien Bernatchez, Pascal Rheuame*

**OP 064**

A multicentre randomised controlled trial of patient-specific rehearsal prior to evar: impact on procedural planning and team performance.

*Liesbeth Desender, Isabelle Van Herzeele, Zoran Rancic, Mario Lachat, Johan Duchateau, Colin Bicknell, Nung Rudarakanchana, Joep Teijink, Jan Heyligers, Frank Vermassen*

**OP 065**

A 12-week home exercise programme augmented with nordic pole walking improves the quality of life and ABPIs of claudicants. Most patients continue to use their poles and improve their walking distance at one year.

*Jonathan Beard, Clare Spafford, Clare Oakley*

**OP 066**

The fate of patients with intermittent claudication in the 21st century revisited - results from the CAVASIC study

*Barbara Rantner, Barbara Kollerits, Johannes Pohlhammer, Marietta Stadler, Claudia Lamina, Slobodan Peric, Peter Klein-Weigel, Hannes Mühlthaler, Gustav Fraedrich, Florian Kronenberg*

**OP 067**

Eye dose reduction with various x-ray protection shields during endovascular procedures

*Sara Bruce, Kevin Mani, Karolina Lindskog, Lars Jangland, Anders Wanhainen*

**OP 068**

Kidney volume change in patients with type B aortic dissection in relation to perfusion from true or false lumen

*Nikolaos Tsilimparis, Ruth Jacobi, Fiona Rohlfis, Sabine Wipper, Axel Larena-Avellaneda, E. Sebastian Debus, Tilo Kölbl*
This year there are 119 posters on display in the Exhibition Space! Posters will be on display throughout the meeting, so please make sure to visit them as they represent high-quality scientific work!

The judging of posters will take place on Wednesday, 28 September from 14:00 to 15:30. Presenting Authors are invited to be present next to their Poster to answer the Jury’s questions.

The authors of the 12 selected posters will deliver a short oral presentation, supported by 3 PowerPoint slides, during the ESVS Prize Poster Session on Thursday, 29 September, from 08:00 to 09:00

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<td>PO 082 The Role Of Short-Term High-Dose Pre-procedural Statin Treatment In Prevention Of Contrast-Induced Nephropathy</td>
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<td>PO 083 Analysis Of Preoperative Ct And Carotid Plaque Gene Expression Demonstrate Associations Between Calcification And Plaque-Stabilizing Processes</td>
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<td>PO 086 Does Duplex Velocity Ratios Measurement Render Grading Of Carotid Artery Stenosis More Reliable?</td>
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<td>PO 099 Inadequate Health Literacy In Patients With Arterial Vascular Disease</td>
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<td>Mauricio Ribeiro, Gustavo Oderich, Peter Banga, Jan Hofer, Meaghan Cazares, Stephen Cha, Peter Gloviczki, Alejandro Rabinstein</td>
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<td>Keunmyoung Park, Yong Sun Jeon, Soon Gu Cho, Kee Chun Hong</td>
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<td>Nelson Bua, George Smith, Daniel Pan, Tamsin Nash, Ian Chetter</td>
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<td>PO 106 The Role Of Glyceryl Trinitrate Patches In Arteriovenous Fistula Maturation: A Randomised, Double-Blinded, Placebo Controlled Trial.</td>
<td>Martin Joinson, Damian McGrogan, Yazin Marie, Cecilio Andujar, Mary Dutton, Hari Krishnan, James Hodson, David van Dellen, Nicholas Inston</td>
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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:

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<tr>
<th>SECTION</th>
<th>COMMENT</th>
<th>MAXIMUM SCORE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic</td>
<td>Review a paper from a journal.</td>
<td>32</td>
</tr>
<tr>
<td>Clinical Cases</td>
<td>Vivas on 4 clinical cases: Aortic, Lower Limb, Endovascular and Miscellaneous</td>
<td>64</td>
</tr>
<tr>
<td>Overall Viva</td>
<td>Viva on 5 topics</td>
<td>32</td>
</tr>
<tr>
<td>Open Technical</td>
<td>Practical surgical skills test on three models: aortic anastomosis, femoro-distal anastomosis and carotid endarterectomy</td>
<td>48</td>
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<tr>
<td>Endovascular</td>
<td>Practical endovascular skills test on a model</td>
<td>16</td>
</tr>
<tr>
<td><strong>TOTAL SCORE</strong></td>
<td></td>
<td><strong>192</strong></td>
</tr>
</tbody>
</table>
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 lap top, 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; 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 be presented on a lap top 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; and
2. pass at least two of the three open technical assessments and
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**

- 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
Rua Brito e Cunha n° 254 – 4º Esquerdo | 4450-082 Matosinhos, Portugal
Tel: +351 224 957 387 | Tel: +351 914 944 301
E-mail: secretariat@uemsvascular.com | cristina.freitas@byms.pt
Welcome Reception, Wednesday, 28 September 2016

On Wednesday, 28 September, all registered participants are invited to join their colleagues in the Exhibition Hall for an informal reception from 18:30 to 19:30.

Networking Event
Thursday, 29 September 2016

The optional Networking event will be held in the distinctive Store VEGA from 19:30 to 23:30, an exciting architectural gem with a unique character. The evening will host the Awards Ceremony, where the ESVS President will announce the winners of the 30th Annual Meeting Scientific Prizes.

Join us for an unmissable opportunity to network with peers in a relaxed atmosphere, whilst getting a taste of Copenhagen’s vibrant night life.

Price: €94, VAT included. Participants may purchase the Networking Dinner tickets at the registration desk.

Dress code for the evening is Smart Casual.

Location:
Store VEGA, Enghavevej 40
Copenhagen DK 1674
Denmark
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\(^1\,^2\,^3\) For the complete list of references, visit goremedical.com/ibeeu

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Supporting Partner: AstraZeneca

Other Exhibitors: Incathlab • Endovascular Today • European Journal of Vascular and Endovascular Surgery • EVC • Oxford University • Vascular News • Wisepress

Symposia: Endologix • Smith & Nephew • Veniti
European Society for Vascular Surgery

Floor Plan

Congress Hall

Akvariet 1
Akvariet 2
Akvariet 3
Akvariet 4
Akvariet 5

Catering Area

Catering Area

Bags Pick-Up

ESVS Lounge

Registration
Walk through the data – Explore the interactive data summary at propatenperformance.com

1. Overall weighted average primary patency is based on data from 11 peer-reviewed publications meeting pre-determined inclusion criteria. Visit goremedical.com/propatenperformance to see inclusion criteria, explore the data, see publications, and request reprints.


Summary of changes:
- Addition of four gold radiopaque markers bonded to the graft at each end of endoprosthesis
- 5–8 mm diameter devices incorporate this change
- Catalogue numbers will change for all devices (5–13 mm PAC, PAH, and PAI configurations)

What has NOT changed:
- Delivery system and profile unchanged
- 9–13 mm diameter devices do NOT have radiopaque markers on the endoprosthesis
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Within Biolas’ corporate policy, our success is growing exponentially by expanding in global sales while making our development sustainable by adapting our past experiences to today optimally. As Biolas, we’re underlining the importance innovation as we set one of our main goals as human healthcare above all by providing innovative and qualified products. We’re investing more and more in R&D and innovation every day in order to reach our global goals. We’re proud to step in a new century with our biggest assets, our employees, by combining our global targets with sustainable leadership approach.
Bolton Medical is a subsidiary of the WerfenLife Company, a global company that manufactures and distributes medical diagnostic solutions and medical devices worldwide. Our vision is to become the leading provider of endovascular solutions for aortic disease. We are a dynamic team, operating worldwide and strongly focused on client needs, dedicated to provide the best solutions to achieve customer satisfaction. We will continue to set trends in the aortic marketplace. By building on a technological foundation for the next generation of solutions, we are giving patients today tomorrow’s technology. We have created the Relay Product Family of Thoracic Stent-Grafts and the TREO® Family of Abdominal Stent-Grafts with precision and confidence.

As a global leader in medical technology, services and solutions, Medtronic improves the health and lives of millions of people each year. We believe our deep clinical, therapeutic and economic expertise can help address the complex challenges — such as rising costs, aging populations and the burden of chronic disease — faced by families and healthcare systems today. But no one can do it alone. That’s why we’re committed to partnering in new ways and developing powerful solutions that deliver better patient outcomes. Join us in our commitment to take healthcare Further, Together. Learn more at Medtronic.eu.

VENITI, Inc. is dedicated to advancing the treatment of venous disease through clinical research and innovative technology and solutions. VENITI partners with leading physicians in the development and training for therapies to care for the millions of patients suffering from venous disease. The VICI VENOUS STENT and VICI VERTO VENOUS STENT were developed specifically for the challenges of treating iliofemoral venous outflow obstruction. VENITI was founded in 2010 and is headquartered in St. Louis, MO, with technical operations in Fremont, CA.
Company Profile

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Argon Medical Devices manufactures medical products and devices for interventional radiology, vascular surgery, interventional cardiology, critical care, and oncology procedures. The Argon vascular product portfolio includes the Option™ELITE retrievable IVC Filter, Atrieve™ Vascular Snare and Cleaner™, the only wall-contacting Rotational Thrombectomy System indicated for use in the peripheral vasculature! www.argonmedical.eu.com

Bauerfeind AG is one of the leading manufacturers of medical aids such as supports, orthoses, compression stockings, and foot orthoses. The high-quality products, “Made in Germany”, make an important contribution to maintaining and restoring health.

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To B. Braun, Sharing Expertise means continuously developing effective solutions through constructive dialogs with customers and partners in order to protect health and sustainably improve people’s lives.

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Cook Medical is the world's largest privately held developer and manufacturer of minimally invasive medical device technology. A leader in the advancement of diagnostic and therapeutic products for vascular disease, Cook continues a tradition of innovation with comprehensive device offerings in EVAR, leg therapies, PE prevention and embolization. www.cookmedical.com
Endologix is uniquely positioned to offer vascular specialists a range of AAA products and services they need to confidently treat more patients more effectively. We actively partner with them to improve patient care by providing a comprehensive set of minimally invasive aortic solutions.

GETINGE GROUP
Getinge Group is a leading global provider of products and systems that contribute to quality enhancement and cost efficiency within healthcare and life sciences. We operate under the three product brands of ArjoHuntleigh, Getinge and Maquet. Our website: www.getingegroup.com

Laminate Medical Technologies is developing a new, external support device for AV fistulas, to be implanted during the fistula creation surgical procedure. The device aims to drive a change in the hemodialysis vascular access treatment paradigm and bring about a significant reduction in the annual fistula failure rate.

LeMaitre Vascular is a provider of devices and implants for the treatment of peripheral vascular disease. LeMaitre's products include: the HYDRO LeMaitre® Valvulotome, XenoSure® Vascular Patches and Omniflow® II Biosynthetic Grafts. www.lemaitre.com

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LSO MEDICAL is a French company, who designs, develops, manufactures and sells lasers and disposables for medical applications: ENDOTHERME 1470 Lasers and Ringlight radial fibers for incompetent saphenous veins, as well as EXOTHERME Lasers, for spider veins.

Medistim is the market leader in intraoperative ultrasonic guidance and quality assessment focused on improving surgical outcomes. With the MiraQ™ platform, Medistim offers the unique combination of transit-time flow measurement (TTFM) and high-frequency ultrasound imaging.
Company Profile

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TVA Medical, Inc., headquartered in Austin, Texas, is developing minimally invasive therapies for end-stage renal disease, peripheral vascular disease and other potential applications. More information is available at www.TVAMedical.com.

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APP

Navigate your way around the meeting has never been easier!

Download the ESVS mobile app now and view the latest programme information, build your own schedule or evaluate the educational sessions.

The app is available for free download on Apple and Android Devices.

NAME BADGES

Each participant will receive a name badge at registration. For security reasons all participants are requested to wear their badge during all the meeting activities and social events.

EXHIBITION HALL

The commercial exhibition highlighting medical companies will be held in conjunction with the meeting. Access to the exhibition is free for registered participants. The exhibition will be open on 28-30 September 2016 during the meeting hours.

DIRECTIONS

Direction from Copenhagen Airport to Tivoli Hotel and Congress centre:

By train:

Take the train direct from Copenhagen Airport Terminal 3 on track 2 to Copenhagen. Get off at Copenhagen Central Station and walk to the hotel, which is within 8-10 minutes walking distance. You can also get a train on tracks 11 and 12 at Central Station that will take you to Dybbølsbro Station.
By Bus:
Take the no. 30 bus from Central Station to Fisketorvet Shopping Center. Tickets from the airport to Copenhagen Central Station are also valid on the bus, metro and S-train.

By Taxi:
Taking a taxi from the airport will cost approximately DKK 280. All taxis are metered and accept all major international credit cards.

LANGUAGE
The official language of the meeting is English.

REFRESHMENTS
Lunches, coffee, tea and other refreshments will be available around the exhibition area.

CERTIFICATE OF ATTENDANCE
A Certificate of Attendance will be emailed to you, upon completion of the post event online survey.

EACCME ACCREDITATION
The European Society for Vascular Surgery 30th Annual Meeting is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME Activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net.

The European Society for Vascular Surgery 30th Annual Meeting in Copenhagen 28-30 September 2016 is designated for a maximum of, or up to, 14 European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME credit to AMA credit can be found at www.ama-assn.org/go/internationalcme.

EMERGENCY NUMBER
The national emergency number is: 112
Industry Sponsored Sessions

Thursday, 29 September

13:00 – 14:00

VENITI LUNCH SYMPOSIUM - VENOUS
Advancements in Deep Venous Intervention

- Venous disease – why treat?
  Stephen Black, United Kingdom
- Management of acute DVT
  Richard O’Neill, United Kingdom
- Post thrombotic syndrome and patient care pathway
  Bruce Braithwaite, United Kingdom
- Cases are challenging but the results are rewarding – practice in action
  Patricia Thorpe, United States

14:00 – 15:30

ISS 01 - AORTA

Chair: Arkadiusz Jawien, Poland

- How new sealing technologies improve prevention of endoleaks
  Piotr Szopinski, Poland
- Benefits of sealing technologies compared to EVAR
  Robert Fisher, United Kingdom
- Treatment of iliac aneurysms with a sac anchoring endoprosthesis
  Jean-Paul de Vries, The Netherlands
- EVAS Global Registry building the clinical evidence
  Dittmar Boeckler, Germany
- Nellix within IFU: more patients less endoleaks
  Jan Heyligers, The Netherlands
Industry Sponsored Sessions

14:00 – 15:30  ISS 02 - VENOUS
CARSTENSEN
-1 floor

Chair: Stephen Black, United Kingdom and Kursat Bozkurt, Turkey

14:00 – 14:30
- My daily practice using AngioJet™ in DVT treatment
  Lorenzo Moramarco, Italy

14:30 - 15:00
- Creating the endovascular arteriovenous fistula (endoAVF) with the everlinQ™ endoAVF System
  - Understanding the procedure and clinical data to date
    Eric Chemla
  - The European experience with the everlinQ™ endoAVF System
    Tobias Steinke
  - Panel discussion

15:00 – 15:30
- Challenges and solutions for DVT treatment
  Cuneyt Koksoy, Turkey

14:00 – 15:30  ISS 03 - CLINICAL TRIALS
PJERROT
Ground floor

Chair: Sebastian Debus, Germany and Anders Albäck, Finland

14:00 – 14:40
- Relay®Plus clinical results
  Zoltan Szeberin, Hungary
- TREO®clinical results
  Ferdinand Serracino-Inglott, United Kingdom
- Scalloped Thoracic Stentgrafts For Short Landing Zones: Results From A Nationwide Registry
  Clark Zeebregts, The Netherlands

14:40 – 15:05
- What we have learned from the global ENGAGE registry and a single center experience
  Giuseppe Galzerano, Italy
Industry Sponsored Sessions

15:05 – 15:30

- The Eluvia DES clinical journey
- From MAJESTIC FIM to IMPERIAL head to head & EMINENT health economic trials
  Stefan Müller-Hülsbeck, Germany

Friday, 30 September

08:00 - 09:00

ISS 04 – WOUND MANAGEMENT

CARSTENSEN
-1 floor

- Mode of action of NPWT: what do we know about how NPWT wounds on closed incision surgery
  Hanne Birke Sørenson, Denmark

- Groin infections after vascular surgery
  Stefan Acosta, Sweden

- Incisional NPWT in the prevention of surgical site infection after vascular surgery: RCT results
  Stefan Acosta, Sweden
2017

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Key dates:
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