### Tuesday, 24. September 2019

Fast Track Presentations 13:00 - 15:00

Hall 4, Room 1

### FT1, FAST TRACK SESSION 01

A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

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Chair: Simon Rinckenbach (France) Jury: Jürg Schmidli (Switzerland) Jury: Karoliina Halmesmaki (Finland) Jury: Richard Bulbulia (United Kingdom)

Fast Track Presentations 13:00 - 15:00

Hall 4, Room 2

### FT2, FAST TRACK SESSION 02

A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

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Chair: Michael Wyatt (United Kingdom) Jury: Maarten Trujers (Netherlands) Jury: Anders Wanhainen (Sweden) Jury: Fabien Lareyre (France)

Fast Track Presentations 13:00 - 15:00

Hall 4, Room 3

### FT3, FAST TRACK SESSION 03

A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

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Chair: Thomas Wolff (Switzerland)

Jury: Rebecka Hultgren (Stockholm, Sweden)

Jury: Martin Björck (Sweden)

Jury: Arindam Chaudhuri (Bedford, United Kingdom)

Fast Track Presentations 13:00 - 15:00

Hall 3, Room 2

### FT4, FAST TRACK SESSION 04

A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

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Chair: Gert J. de Borst (Netherlands)

Jury: Sonia Ronchey (Italy) Jury: Kevin Mani (Sweden)

Jury: Helen Sinabulya (Stockholm, Sweden)

Fast Track Presentations 13:00 - 15:00

Hall 3, Room 4

#### FT5, FAST TRACK SESSION 05

A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

Chair: Gabor Menyhei (Hungary) Jury: Laura Capoccia (Italy) Jury: Tom Aherne (Ireland)

Jury: Leonid Magnitskiy (Russian Federation)

Fast Track Presentations 13:00 - 15:00

Hall 3, Room 5

### FT6, FAST TRACK SESSION 06

A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

Chair: Hubert Schelzig (Germany) Jury: Aleksandar Tomić (Serbia) Jury: Erney Mattsson (Norway) Jury: Nikolaj Eldrup (Denmark)

PREDICTORS OF OUTCOME OF 285 PATIENTS WITH ARTERIAL TRAUMA MANAGED DURING A 30-YEAR PERIOD

13:00 - 13:10

Stavros Kakkos (Patras, Greece)

33rd ESVS Annual Meeting, 24 - 27 September 2019, Hamburg, Germany

### **ESVS 33rd Annual Meeting Programme**

Fast Track Presentations 13:00 - 15:00

Hall 3, Room 7

### FT7, FAST TRACK SESSION 07

A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

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Chair: Frank Vermassen (Belgium) Jury: Alexei Svetlikov (Russian Federation) Jury: Alexandra Gratl (Innsbruck, Austria) Jury: Martin Lawaetz (Denmark)

Coffee Break 15:00 - 16:00

Hall 4, Exhibition + Poster Area

#### **Coffee Break**

Fast Track Presentations 15:30 - 17:00

Hall 4, Room 1

### FT8, FAST TRACK SESSION 08

A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

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Chair: Karoliina Halmesmaki (Finland) Jury: Simon Rinckenbach (France) Jury: Jürg Schmidli (Switzerland) Jury: Martin Lawaetz (Denmark)

Fast Track Presentations 15:30 - 17:00

Hall 4, Room 2

### FT9, FAST TRACK SESSION 09

A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

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Chair: Anders Wanhainen (Sweden) Jury: Fabien Lareyre (France) Jury: Michael Wyatt (United Kingdom) Jury: Jonathan Boyle (United Kingdom)

Fast Track Presentations 15:30 - 17:00

Hall 4, Room 3

### FT10, FAST TRACK SESSION 10

A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

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Chair: Rebecka Hultgren (Stockholm, Sweden) Jury: Arindam Chaudhuri (Bedford, United Kingdom)

Jury: Thomas Wolff (Switzerland) Jury: Aleksandar Tomić (Serbia)

Fast Track Presentations 15:30 - 17:00

Hall 3, Room 2

#### FT11, FAST TRACK SESSION 11

A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

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Chair: Sonia Ronchey (Italy) Jury: Gert J. de Borst (Netherlands)

Jury: Kevin Mani (Sweden)

Jury: Helen Sinabulya (Stockholm, Sweden)

Fast Track Presentations 15:30 - 17:00

Hall 3, Room 4

### FT12, FAST TRACK SESSION 12

A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

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Chair: Laura Capoccia (Italy) Jury: Tom Aherne (Ireland) Jury: Gabor Menyhei (Hungary)

Jury: Leonid Magnitskiy (Russian Federation)

Fast Track Presentations 15:30 - 17:00

Hall 3, Room 5

### FT13, FAST TRACK SESSION 13

A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

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Chair: Erney Mattsson (Norway) Jury: Hubert Schelzig (Germany) Jury: Claudia Schrimpf (Germany) Jury: Nikolaj Eldrup (Denmark)

Fast Track Presentations 15:30 - 17:00

Hall 3, Room 7

### FT14, FAST TRACK SESSION 14

A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

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Chair: Martin Storck (Karlsruhe, Germany) Jury: Alexei Svetlikov (Russian Federation)

Jury: Frank Vermassen (Belgium)

Jury: Liliana Fidalgo Domingos (Valladolid, Spain)

### Wednesday, 25. September 2019

Endovascular Track 07:45 - 09:45

Hall 3, Room 1

### W01, Managing the Distal Landing Zone in EVAR (IBD)

This workshop is a practical hands-on workshop that will give the participants an overview how to deal with the hypogastric artery during EVAR procedures to achieve a stable distal landing zone.

During the workshop the participant will learn about case selection in iliac artery aneurysm and be able to get handson experience.

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Lead convenor: Nuno Dias (Sweden) Co-convenor: Enrico Cieri (Italy)

Co-convenor: Jonathan Sobocinski (France) Co-convenor: Anna Prent (United Kingdom) Co-convenor: Marwan Youssef (Germany)

Endovascular Track 07:45 - 09:45

Hall 3, Room 2

### W02, Sizing in EVAR for Elective Infrarenal AAA

This generic workshop will focus on a structured approach to evaluate the CTA of a patient with an elective infrarenal AAA. The importance of sizing and planning (C-arm angulations) for a durable repair will be emphasized. All participants will have the opportunity to learn and practice measurement, sizing of an EVAR procedure using dedicated 3D workstations under supervision. Planning and ordering of a specific graft is NOT included in this workshop, included in part 2 Planning and ordering devices in elective EVAR.

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Lead convenor: Kevin Mani (Sweden) Co-convenor: Igor Koncar (Serbia)

Co-convenor: Maarten Trujers (Netherlands) Co-convenor: Francisco Gomez Palones (Spain)

Co-convenor: Katia Vogt (Denmark)
Co-convenor: Louise de la Motte (Denmark)
Co-convenor: Adrien Hertault (France)
Co-convenor: David Lindström (Sweden)

Venous Track 07:45 - 09:45

Hall 3, Room 3

### W03, Hands-on workshop: Endovenous Treatment of Varicose Veins by RF and Glue

Hands-on workshop for endovenous treatment of varicose veins using ultrasound, radiofrequency- and glue-ablation. Short lectures at the beginning and the end of the course will point out important aspects and principles as well as tips and tricks for those treatment options.

Lead convenor: Martin Lawaetz (Denmark) Co-convenor: Jan Jakub Kęsik (Poland)

Academic Track 07:45 - 09:45

Hall 3, Room 4

## W04, Overview of the FEBVS Exam and How to Pass It (Suggested if you plan to take the FEBVS exam)

TBC

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Lead convenor: Jonathan Beard (United Kingdom)

General Session 08:00 - 08:30

Hall 4, Room 1

### **GS1**, Opening Ceremony

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Chair: Henrik Sillesen (Denmark) Chair: Sebastian Debus (Germany) Chair: Dittmar Böckler (Germany)

Scientific Sessions 08:00 - 10:00

Hall 4, Room 2

08:11 - 08:22

### SS01, SCIENTIFIC SESSION 01 - Prize Session

Each Plenary Scientific Session is focused on one specific domain of vascular surgery and comprises of very best of science in vascular care. Indeed, authors of the highest rated abstracts presented during the Fast-Track Presentations sessions will be scheduled to present in the Plenary Scientific Session corresponding to their field of research. The complete programme of the plenary scientific sessions is therefore only known and announced on the 2nd day of the Annual Meeting.

Chair: Philippe Kolh (Belgium)
Chair: Florian Dick (Switzerland)

Chair: Melina Vega de Ceniga (Galdakao, Spain)

Chair: Bahaa Arefai (Spain)

Chair: Maarit Venermo (Helsinki, Finland) Chair: Jonathan Boyle (United Kingdom)

CEREBROSPINAL FLUID ANALYSIS AFTER ENDOVASCULAR
THORACOABDOMINAL ANEURYSM REPAIR: DISRUPTION OF THE BLOODSPINAL CORD BARRIER PREDICTS PERMANENT PARAPLEGIA

James Kelly (London, United Kingdom)

COMPARISON OF FENESTRATED STENTGRAFTS AND OPEN REPAIR FOR JUXTARENAL AORTIC ANEURYSMS USING A PROPENSITY SCORE MATCHING

Alia Bizos (France)

INCIDENCE, TIME-TRENDS AND SEX DIFFERENCES IN AORTIC DISSECTION: 08:22 - 08:33
A POPULATION BASED 15-YEAR FOLLOW-UP OF SWEDISH PATIENTS

Christian Smedberg (Stockholm, Sweden)

PROTAMINE REDUCES THE RISK OF SERIOUS BLEEDING AT THE TIME OF CEA WITHOUT INCREASED RISK OF STROKE, MI OR DEATH	08:33 - 08:44
David Stone (Lebanon, United States)	
NEW WAYS IN TRAINING OPEN AORTIC ANEURYSM REPAIR: OBTAIN MINIMUM TECHNICAL COMPETENCE BEFORE APPRENTICESHIP TRAINING ON PATIENTS USING A VALIDATED TEST AND A CREDIBLE PASS-FAIL THRESHOLD IN A SIMULATION-BASED ENVIRONMENT	08:44 - 08:55
Jonathan Lawaetz Rasmussen (Copenhagen, Denmark)	
STROKE PREVENTION AND DEMENTIA: 15-YEAR FOLLOW-UP OF THE ASYMPTOMATIC CAROTID SURGERY TRIAL-1 (ACST-1)	08:55 - 09:06
Alison Halliday (United Kingdom)	
FRAILTY AND SARCOPENIA IN VASCULAR SURGERY PATIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS OF PATIENT FACTORS AND OUTCOMES	09:06 - 09:17
John Houghton (Leicester, United Kingdom)	
PREOPERATIVE TESTING FOR SILENT CORONARY ISCHEMIA USING CORONARY CT ANGIOGRAPHY-DERIVED FRACTIONAL FLOW RESERVE (FFRCT) MAY REDUCE POSTOPERATIVE MYOCARDIAL INFARCTION AND CARDIOVASCULAR DEATH IN PATIENTS NEEDING LOWER-EXTREMITY REVASCULARIZATION COMPARED TO STANDARD PRE-OPERATIVE EVALUATION OF PATIENTS WITH NO CARDIAC SYMPTOMS UNDERGOING PERIPHERAL VASCULAR SURGERY	09:17 - 09:28
Dainis Krievins (Riga, Latvia)	
FIRST-IN-MAN CLINICAL APPLICATION OF THE TRACKCATH SYSTEM IN ENDOVASCULAR REPAIR OF AORTIC ANEURYSMS - A PROSPECTIVE MULTI- CENTRE CLINICAL TRIAL	09:28 - 09:39
Nikolaos Floros (Düsseldorf, Germany)	
PLATELET ACTIVATION MEASUREMENTS TO PREDICT THE OCCURRENCE OF PEROPERATIVE SOLID MICRO-EMBOLI DURING CAROTID ENDARTERECTOMY	09:39 - 09:50
Art Brand (Utrecht, Netherlands)	
PROGRESSION OF CAROTID PLAQUE AMONG POSTMENOPAUSAL ASYMPTOMATIC WOMEN: A PROSPECTIVE OBSERVATIONAL POPULATION-BASED FOLLOW-UP STUDY	09:50 - 10:01
Rasmus Laursen (Viborg, Denmark)	
Nurses & Sonographers 08:00 - 10:00	Hall 4, Room 3
EVNS01, The Organisation of Endovascular Teams Around Europe	
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Chair: Louise Allen (United Kingdom) Chair: Purwa Berry (Germany)	
Introduction by EVNS	08:00 - 08:15
Margit Roed (Denmark) Stephan Haulon (France)	
Welcome to Hamburg: Presentation of vascular team in Hamburg	08:15 - 09:00

The vascular team work example from Denmark Lotte Rostgaard (Denmark) Margit Roed (Denmark)	09:00 - 09:20
The set up of a vascular unit in UK Jorg De Bruin (United Kingdom)	09:20 - 09:40
Panel discussion	09:40 - 10:00

Endovascular Track 08:00 - 10:00

Hall 3, Room 5

### W05, Case selection and technical considerations in fenestrated EVAR

This interactive case discussion will allow participants to identify the appropriate anatomy for fenestrated EVAR (FEVAR), to witness deployment of a fenestrated device according to IFU and deploy under supervision

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Lead convenor: Jürgen Falkensammer (Vienna, Austria)

Lead convenor: Alexander Stehr (Germany) Co-convenor: Simon Neequaye (United Kingdom)

Open Procedures Track 08:00 - 10:00

Hall 3, Room 6

### W06, Basic Open AAA repair (Suggested if you plan to take the FEBVS exam)

This is a hands-on workshop demonstrating basic open surgical techniques for infrarenal AAA. Participants will practice in pairs techniques on aortic model and will be taught tips and tricks.

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Lead convenor: Chris Darby (United Kingdom) Co-convenor: Daniel Eefting (Netherlands) Co-convenor: Ashok Handa (United Kingdom)

Co-convenor: Elena Iborra (Spain) Co-convenor: Umit Altinas (Denmark)

Imaging Track 08:00 - 09:30

Hall 3, Room 8

### **W08, Ultrasound Guided Puncture**

Ultrasound is extremely helpful to gain access to veins and arteries It's almost mandatory to assure a safe use of closure devices

After the course participants will be able to start using ultrasound to perform puncture of veins and arteries safely.

Lead convenor: Carlos Martinez (Spain) Co-convenor: Xavier Martí (Spain) Co-convenor: Ana Arribas (Spain) Co-convenor: Begoña Gonzalo (Spain)

Symposia 08:30 - 10:00

Hall 4, Room 1

### S01, ESVS/DGG Joint Session

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Chair: Henrik Sillesen (Denmark) Chair: Dittmar Böckler (Germany)

Vascular Education: the German Concept 08:30 - 08:45

Farzin Adili (Germany)

The ESVS Academy: Training Concept for Europe 08:45 - 09:00

Jonas Eiberg (Denmark)

UEMS: the role and future impact. 09:00 - 09:15

Armando Manshilha (Portugal)

Vascular Education in Denmark: a modular concept in a centralistic 09:15 - 09:30

system

Henrik Sillesen (Denmark)

The Academy of Excellence: a German SVS Project 09:30 - 09:45

Markus Steinbauer (Germany)

Publications in Vascular Surgery - an international Comparison 09:45 - 10:00

Reinhart Grundmann (Germany)

Vascular Medicine Track 08:30 - 10:00

Hall 3, Room 7

### W07, Interactive Case Discussions on DVT - Deep Venous Thromboembolism

Get into depth knowledge on the prevention and treatment of deep vein thrombosis (DVT) in adults. This workshop will focus on the current evidence in VTE treatment strategies and cover the benefits, complications as well as strategy in anti-coagulating treatment of the VTE patient. Before initiating treatment with anticoagulants, physicians should carefully assess the benefit and risk for the individual patient.

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Lead convenor: Nikolaj Eldrup (Denmark)

Coffee Break 10:00 - 10:30

Hall 4, Exhibition + Poster Area

### **Coffee Break**

Endovascular Track 10:15 - 12:15

Hall 3, Room 1

### W09, Endovascular Toolkit in EVAR (Suggested if you plan to take the FEBVS exam)

Trainees are often daunted by the wide array of unfamiliar kit required during infrarenal EVAR procedures. This workshop aims to introduce candidates to the basic endovascular toolkit (incl. wires, catheters, balloons, stents...) required and familiarize them in a friendly, hands-on environment, with the opportunity to ask any question to the expert faculty.

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Lead convenor: James McCaslin (United Kingdom) Lead convenor: Sandip Nandhra (United Kingdom) Co-convenor: Francisco Gomez Palones (Spain)

Co-convenor: Gaspar Mestres (Spain)
Co-convenor: Alberto Froio (Italy)
Co-convenor: Blandine Maurel (France)
Co-convenor: José Ignacio Leal (Spain)
Co-convenor: Katarina Bjorses (Sweden)
Co-convenor: Nicla Settembre (France)

Endovascular Track 10:15 - 12:15

Hall 3, Room 2

### W10, Sizing in Emergency (T)EVAR

This generic workshop will focus on a structured approach to evaluate the CTA of a patient with an aortic rupture. The importance of sizing and planning (C-arm angulations, introductory site of endoclaming and body, oversizing) will be emphasized. All participants will have the opportunity to learn and practice measurement, sizing of an emergency (T)EVAR procedure using dedicated 3D workstations (Terarecon) under supervision.

Planning and ordering of a specific graft is NOT included in this workshop

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Lead convenor: Zoran Rancic (Switzerland)
Co-convenor: Christos Karkos (Greece)
Co-convenor: Simone Hofer (Switzerland)
Co-convenor: Teresa Martin Gonzalez (France)
Co-convenor: Nikos Tsilimparis (Germany)
Co-convenor: Fernando Gallardo (Spain)
Co-convenor: Igor Koncar (Serbia)

Miscellaneous Track 10:15 - 12:15

Hall 3, Room 3

### W11, Biomechanics for Physicians

Aim of the workshop is to provide participants with:

- basic biomechanical tools used to describe pathophysiology of vascular disease and to assess risk factors for complications of diseases (aneurysm rupture, stroke in carotid territory etc).
- knowledge to use software dedicated to biomechanical analysis and interpret the results

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Lead convenor: Igor Koncar (Serbia) Co-convenor: Joy Roy (Sweden)

Co-convenor: Nikolaos Kontopodis (Heraklion, Greece)

Co-convenor: Christian Gasser (Sweden) Co-convenor: Nenad Filipovic (Serbia) Co-convenor: Panagiotis Siogkas (Greece)

Symposia 10:30 - 12:00

Hall 4, Room 1

#### S02, Breaking News in Clinical Trials

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Chair: Henrik Sillesen (Denmark) Chair: Stephan Haulon (France) Chair: Maarit Venermo (Finland)

rit Venermo (Finland)

Battle - a randomized controlled trial comparing paclitaxel eluting stent

10:30 - 10:42

10:42 - 10:54

Blandine Maurel (France)

ABSENCE OF LONG-TERM BENEFIT OF REVASCULARIZATION IN PATIENTS WITH INTERMITTENT CLAUDICATION - FIVE YEAR CLINICAL EFFECTIVENESS AND COST-EFFECTIVENESS RESULTS FROM THE IRONIC RANDOMIZED CONTROLLED TRIAL

with bare metal stent for the treatment of femoropopliteal lesions

Henrik Djerf (Gothenburg, Sweden)

PREVENTION OF SURGICAL SITE INFECTIONS USING GENTAMICIN-

10:54 - 11:06

CONTAINING COLLAGEN IMPLANTS FOLLOWING INGUINAL INCISION FOR VASCULAR SURGERY: A PROSPECTIVE RANDOMIZED CONTROLLED MULTICENTER TRIAL

Lina Wübbeke (Maastricht, Netherlands)

INGUINAL VASCULAR SURGICAL WOUND PROTECTION BY INCISIONAL NEGATIVE PRESSURE WOUND THERAPY - A RANDOMIZED CONTROLLED TRIAL - INVIPS TRIAL

11:06 - 11:18

Julien Hasselmann (Malmö, Sweden)

Effect of prescription of Metformin on AAA

11:18 - 11:30

Ronald Dalman (United States)

Best CLI Trial Update
Alik Farber (United States)

11:30 - 11:37

VOYAGER Trial Update

11:37 - 11:44

Rupert Bauersachs (Darmstadt, Germany)

	ASCT 2 Trial Update  Alison Halliday (United Kingdom)	11:44 - 11:51
	SwedePAD Trial Update  Marten Falkenberg (Sweden)	11:51 - 11:58
Symposia 10:30 - 11:	30	Hall 4, Room 2
503, Art	eriovenous Malformations	
	si Ivancev (Hamburg, Germany) a Rohlffs (Germany)	
	Vascular Malformations - an orphan disease!? Robert Vogelzang (United States)	10:30 - 10:37
	Tips and tricks on how to treat low-flow vascular malformations Krassi Ivancev (Hamburg, Germany)	10:37 - 10:44
	How to treat high-flow vascular malformations Fiona Rohlffs (Germany)	10:44 - 10:51
	The impact of different embolic agents on long-term results in vascular malformations Robert Vogelzang (United States)	10:51 - 10:58
	The retrograde vein approach Krassi Ivancev (Hamburg, Germany)	10:58 - 11:05
	Cure of complex Vascular Malformations Wayne Yakes (United States)	11:05 - 11:20
	Audience and Panel discussion	11:20 - 11:30
Nurses & S 10:30 - 13:	onographers 00	Hall 4, Room 3
EVNS02	, Ultra-sound symposium : AAA	
: Chair: Marg	git Roed (Denmark)	
	Introduction to abdominal aneurysms	10:30 - 10:45
	Fabrizio D'Abate (United Kingdom) Filipe Fernandes (United Kingdom) Mari Murumets (United Kingdom)	
	Principles of abdominal anatomy and ultrasound anatomy	10:45 - 11:00
	Mari Murumets (United Kingdom) Fabrizio D'Abate (United Kingdom) Filipe Fernandes (United Kingdom)	

Ultrasound assessment of aorta and iliac arteries Fabrizio D'Abate (United Kingdom) Filipe Fernandes (United Kingdom) Mari Murumets (United Kingdom)	11:00 - 11:40
Screening and surveillance protocols Fabrizio D'Abate (United Kingdom) Filipe Fernandes (United Kingdom) Mari Murumets (United Kingdom)	11:40 - 12:00
Ultrasound assessment of endovascular repair (EVAR) Fabrizio D'Abate (United Kingdom) Filipe Fernandes (United Kingdom) Mari Murumets (United Kingdom)	12:00 - 12:30
Case studies - Q&A Fabrizio D'Abate (United Kingdom) Filipe Fernandes (United Kingdom) Mari Murumets (United Kingdom)	12:30 - 12:55
Closing remarks	12:55 - 13:00

Vascular Medicine Track 10:30 - 12:00

Hall 3, Room 5

## W13, Interactive Case Discussions on Stroke Management and Carotid Interventions

Focus on patients suffering stroke and transient ischaemic attacks and the risk of recurrent stroke incidents. Secondary prevention is warranted based on the underlying cardiovascular cause and newest evidence (COMPASS). This workshop will focus on how to give your stroke patients the best possible medical (antiplatelet, anticoagulation, statins, antihypertensive etc.) and interventional (carotid endarterectomy or carotid stenting) treatment in order to protect them from new strokes but also reduce heart attacks and increase overall survival balanced against bleeding events.

Lead convenor: Gert J. de Borst (Netherlands) Co-convenor: Barbara Rantner (Austria)

Open Procedures Track 10:30 - 12:30

Hall 3, Room 6

### W14, Lower Extremity Bypass (Suggested if you plan to take the FEBVS exam)

This is a hands-on workshop demonstrating basic surgical techniques for lower extremity bypass. There will be focus on safe anastomosis techniques. Participants will practice techniques on lower extremity models and will be taught tips and tricks.

Lead convenor: Anders Albäck (Finland) Co-convenor: Patrick Björkman (Finland)

Co-convenor: Rebecka Hultgren (Stockholm, Sweden)

Co-convenor: Vladimir Manojlovic (Serbia)

Venous Track 10:30 - 12:30

Hall 3, Room 7

# W15, Building an Acute Interventional Service for Acute DVT $\,$ - Interventional strategies

This 2-hour workshop will focus on the management of acute venous thrombotic occlusion and the different options to treat those lesions including thrombectomy with the option to use local lytic agents or not and stenting. This workshop will include description of the disease state and evolution, diagnostics and discussions around imagery option

<em>

Why adopt an interventional treatment strategy in Acute DVT?</em>

- An overview of Conservative versus Interventional strategies
 Navigating ... Real world challenges and our current evidence base.. Mind the gap..

<em>Patient selection - Who should we treat?

</em>

- Initial assessment of symptoms and diagnostic tests: getting the diagnosis right Who benefits from treatment? Our experience
- Treatment objectives of early clot removal, timing of Intervention Location, Location, Location Case examples fem pop versus iliofemoral)
- <em>How should we treat? Interventional strategies explored

</em>

- Planning your Interventional Strategy - Pre, Peri & Post op considerations

<em>

Lessons learned from establishing a Patient Pathway</em>

- Tips & Tricks

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Lead convenor: Stephen Black (United Kingdom) Co-convenor: Mert Dumantepe (Turkey) Co-convenor: Marta Ramírez Ortega (Spain)

Imaging Track 10:30 - 12:00

Hall 3, Room 8

#### W16, Varicose Veins Duplex (Suggested if you plan to take the CCVUS Exam)

When treating varicose veins ultrasound examination is paramount, both in obtaining the right diagnosis and planning optimal treatment strategy.

This workshop aims to provide participants the technical skills for accurate evaluation of superficial vein incompetence, its origin and options for treatment, completed with supervised hands-on training in patients with varicose veins.

Lead convenor: Martin Lawaetz (Denmark) Co-convenor: Jan Jakub Kęsik (Poland) Co-convenor: Elena Iborra (Spain) Co-convenor: Tomasz Pelak (Poland)

General Session Hall 4, Room 2 11:30 - 12:00 **GS2, UEMS Ceremony** Chair: Armando Manshilha (Portugal) Chair: Sebastian Debus (Germany) Chair: Jonas Eiberg (Denmark) General Session 12:00 - 12:30 Hall 4, Room 1 **GS3, Presidential Address** Chair: Henrik Sillesen (Denmark) **Honorary Lectures** Hall 4, Room 1 12:30 - 13:00 **HL1, Janet Powell Honorary Lecture** Invited Speaker: Jack L. Cronenwett (United States) Industry Lunch Symposium 13:00 - 13:50 Hall 4, Room 3 **IL1, Industry Lunch Symposium** Chair: Holger Diener (Germany) Chair: Ellen Dillavou (United States) Presidential lecture - Patients at Risk and Surgical Site Infection 13:00 - 13:10 **Management in Vascular Surgery** Holger Diener (Germany) Prevena™ Incision Management therapy, Risk Model and personal 13:10 - 13:20 experience Ellen Dillavou (United States) Review of clinical evidence and experience with Prevena™ Incision 13:20 - 13:30 **Management Therapy** Holger Diener (Germany) Prevena™ Incision Management Therapy - Review of recent Meta-13:30 - 13:40 **Analysis and Economic Advantages** Leah Griffin (United States) **Panel Discussion** 13:40 - 13:50

Lunch Break 13:00 - 14:00

Hall 4, Exhibition + Poster Area

#### **Lunch Break**

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

#### **PP01 1, Poster Presentations Session**

ePOSTER PRESENTATIONS ROUND 1 - Screen 1

Chair: Xavier Bérard (France)

DIRECTIONAL ATHERECTOMY OF THE COMMON FEMORAL ARTERY. LEARNING CURVE AND ONE YEAR FOLLOW UP

Fernando Picazo (Perth, Australia)

3D PRINTED AAA PHANTOMS FOR PRESURGICAL EVAR SIMULATION- A SINGLE CENTER EXPERIENCE

Jasamine Coles-Black (Heidelberg, Australia)

LONG-TERM OUTCOME OF PATIENTS WITH ACUTE TYPE B AORTIC DISSECTION - A SINGLE-CENTRE EXPERIENCE

Alexandra Gratl (Innsbruck, Austria)

FIVE-YEAR FOLLOW-UP AFTER CAROTID ENDARTERECTOMY SHOWS PRIMARY CLOSURE TO BE AN EQUIVALENT CLOSURE TECHNIQUE COMPARED TO PATCH ANGIOPLASTY WHEN USED IN SELECTED PATIENTS WITH BROAD CAROTID ARTERY, HIGH CAROTID BIFURCATION OR OCCLUSION OF THE CONTRALATERAL CAROTID ARTERY

Heidi Maertens (Ghent, Belgium)

MID-TO LONG-TERM OUTCOME RESULTS OF THE OVATION STENT-GRAFT

Hozan Mufty (Leuven, Belgium)

PREDICTORS OF ACUTE TRANSMURAL INTESTINAL NECROSIS IN ACUTE MESENTERIC ISCHEMIA: A SINGLE-CENTER RETROSPECTIVE STUDY

Xinyu Wang (Nanjing, China)

ENDOVASCULAR AORTIC REPAIR OF THE KOMMERELL DIVERTICULUM IN RIGHT-SIDE AORTIC ARCH: REPORT OF 4 CASES

Peixian Gao (Ji'nan, Shandong, China)

ALCOHOL INTAKE AND GROWTH RATE OF ABDOMINAL AORTIC ANEURYSMS IN MEN- RESULTS OF A PROSPECTIVE POPULATION-BASED RANDOMISED SCREENING TRIAL WITH UP TO FIVE YEAR FOLLOW-UP

Egle Kavaliunaite (Odense, Denmark)

STATIN NAÏVE PATIENTS WITH MYOCARDIAL INFARCTION HAVE MORE ECHOLUCENT PLAQUES COMPARED TO LONG-TERM STATIN TREATED CHRONIC ATHEROSCLEROTIC PATIENTS - A 3D ULTRASOUND STUDY

Lærke Urbak (Copenhagen, Denmark)

LEARN EVAR SIZING FROM SCRATCH IN 6 HOURS: THE RESULTS OF A ONE-DAY INTENSIVE COURSE IN EVAR SIZING AND STENT GRAFT SELECTION FOR VASCULAR TRAINEES

Michael Strøm (Slagelse, Denmark)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

#### **PP01 2, Poster Presentations Session**

ePOSTER PRESENTATIONS ROUND 1 - Screen 2

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Chair: Sergi Bellmunt (Spain)

THE EFFECT OF AUTOLOGOUS BLOOD PATCH TREATMENT AMONG PATIENTS WITH HARD-TO-HEAL WOUNDS; A CLINICAL PERSPECTIVE

Annette Høgh (Viborg, Denmark)

PREOPERATIVE OPTIMISATION IN VASCULAR PATIENTS TO REDUCE PERI- AND POSTOPERATIVE BLOOD TRANSFUSIONS AND POSTOPERATIVE COMPLICATIONS - A PROOF OF CONCEPT STUDY

Camilla Mensel (Aarhus N, Denmark)

A PROSPECTIVE RANDOMIZED STUDY COMPARING THE USE OF PACLITAXEL-COATED PTA BALLOON CATHETERS VERSUS PLAIN BALLOON PTA CATHETERS TO TREAT STENOTIC SEGMENTS AT THE VENOUS ANASTOMOTIC SITE AFTER THROMBECTOMY FOR THROMBOSED PROSTHETIC VASCULAR GRAFTS FOR DIALYSIS

Mohamed Rizk (Cairo, Egypt)

A PROSPECTIVE RANDOMIZED STUDY COMPARING THE USE OF PLAIN PTA BALLOON CATHETERS FOR PRIMARY BALLOON ANGIOPLASTY (PBA) VERSUS HYDROSTATIC DILATATION TO PREPARE THE CEPHALIC VEIN PRIOR TO CREATION OF RADIO-CEPHALIC ARTERIOVENOUS FOR DIALYSIS

Mohamed Rizk (Cairo, Egypt)

ENDOVASCULAR-FIRST STRATEGY FOR MANAGEMENT OF PERIPHERAL ARTERIAL ANEURYSMS IN BEHCETS DISEASE: A CONTEMPORARY CASE SERIES

Samer Regal (Mansoura, Egypt)

DRUG ELUTING BALLOON ANGIOPLASTY VERSUS BARE-METAL STENT IN TREATING CHRONIC TOTAL OCCLUSION OF FEMORO-POPLITEAL ARTERIAL SEGMENT; A REVIEW OF ONE-YEAR OUTCOME OF 90 PATIENTS WITH TASC C AND D LESION

Ahmed Allam (Banha, Egypt)

THE EFFECT OF ILIAC ANGIOPLASTY - AS A SINGLE LEVEL CORRECTION IN PATIENTS WITH MULTI-LEVEL ARTERIAL DISEASE - ON IMPROVING THE PATIENT'S CONDITION

Mohamed Rizk (Cairo, Egypt)

CANDESARTAN TREATMENT ASSOCIATES WITH REDUCED EXPRESSION OF COLLAGEN AND MATRIX METALLOPROTEINASE GENES IN SEVERELY STENOTIC HUMAN AORTIC VALVES: A PROSPECTIVE, PLACEBO-CONTROLLED, RANDOMIZED, DOUBLE-BLINDED CLINICAL TRIAL

Jaakko Ilmari Lommi (Helsinki, Finland)

ESTIMATE THE AAA WALL STRESS IS NOT ENOUGH TO PREDICT RUPTURE LOCATION AND SPECIFIC RISK

Fanny Lorandon (Besancon, France)

PREDICTORS OF POSTOPERATIVE RENAL DYSFUNCTION AND DURABILITY OF OPEN REPAIR OF JUXTARENAL ABDOMINAL AORTICANEURYSMS

Aurélien Hostalrich (Toulouse, France)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

#### **PP01 3, Poster Presentations Session**

ePOSTER PRESENTATIONS ROUND 1 - Screen 3

: lung laar Kar

Jury: Igor Koncar (Serbia)

### IMPORTANCE OF EARLY DIAGNOSIS AND CARE IN KNEE DISLOCATIONS ASSOCIATED WITH VASCULAR INJURIES

Philippe Tresson (Lyon, France)

### FEMORAL BIFURCATION MORPHOLOGICAL ANALYSIS: OPTIMAL DIAMETER OF THE COMMON FEMORAL ARTERY STENT

Bahaa Nasr (Brest, France)

### CALCULATION OF PLATELET TO LYMPHOCYTE RATIO AS A PREDICTIVE FACTOR OF 30-DAY MORTALITY IN PATIENTS WITH ACUTE MESENTERIC ISCHEMIA

Julien Chikande (Nice, France)

### EVALUATION OF THE IMPACT OF SARCOPENIA IN PATIENTS WITH ACUTE MESENTERIC ISCHEMIA

Julien Chikande (Nice, France)

### HYBRID AORTIC ARCH REPAIR FOR DISTAL EVOLUTION AFTER DEBAKEY TYPE I DISSECTION

Marine Gaudry (Marseille, France)

#### ARTERIOURETERAL FISTULAS: AN APPRAISAL OF CURRENT MANAGEMENT

Lucie Salomon du Mont (Besancon, France)

# COMPARISON OF INTRAOPERATIVE OUTCOMES AND INITIAL RESULTS OF ANTEGRADE LASER FENESTRATION VERSUS COMPANY-MANUFACTURED STENT GRAFTS IN FENESTRATED ENDOVASCULAR AORTIC ANEURYSM REPAIR

Jean Sénémaud (Créteil, France)

### CORRELATION BETWEEN UNFAVORABLE TEVAR EVOLUTION AND MORPHOLOGICAL PARAMETERS

Mariangela De Masi (Marseille, France)

MONOCENTRIC PROSPECTIVE NON RANDOMISED STUDY COMPARING CROSSECTOMY AND STRIPPING VERSUS THERMAL ABLATION BY RADIOFREQUENCY TO TREAT THE REFLUX OF THE SHORT SAPHENOUS VEIN: SHORT- AND LONG- TERM RESULTS (4 YEARS)

Philippe Nicolini (Lyon, France)

ONE-YEAR RESULTS OF A PROSPECTIVE, MULTICENTER, OBSERVATIONAL STUDY OF THORACIC AORTIC PATHOLOGIES TREATED WITH A BARE AND NON-BARE STENT ENDOGRAFT AND DUAL-SHEATH DELIVERY SYSTEM

Pascal Desgranges (Creteil, France)

## PATIENT-SPECIFIC COMPUTATIONAL ANALYSIS OF THE IMPACT OF FENESTRATED AND CHIMNEY ENDOVASCULAR AORTIC REPAIR ON HAEMODYNAMICS IN RENAL ARTERIES

Sabrina Ben Ahmed (Limoges, France)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

### **PP01 4, Poster Presentations Session**

ePOSTER PRESENTATIONS ROUND 1 - Screen 4

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Chair: Nabil Chakfé (France)

#### OPTIMIZING AORTIC ENDOVASCULAR REPAIR IN PATIENTS WITH MARFAN SYNDROME

Quentin Pellenc (Paris, France)

ELECTIVE REPAIR OF A POPLITEAL ANEURYSM THROUGH THE DORSAL APPROACH WITH REPLACEMENT OF THE POPLITEAL ARTERY WITH BASILIC VEIN - RESULTS OF A SERIES OF 13 OPERATIONS

Achim Neufang (Wiesbaden, Germany)

SAFE NATIVE PROXIMAL LANDING ZONE 2 IN TEVAR FOR CHRONIC TYPE B AORTIC DISSECTION (TBAD) PATIENTS WITH CONNECTIVE TISSUE DISORDERS (CTD)

Ahmed Eleshra (Hamburg, Germany)

CHANGES IN CAROTID SURGERY OVER ONE DECADE: LOWER MORTALITY AND MORBIDITY ASSOCIATED WITH INTRA OPERATIVE QUALITY CONTROL AND REFINEMENT OF TECHNIQUE DESPITE INCREASED OCTOGENARIAN OPERATIONS

Theresia Knop (Essen, Germany)

NEUROLOGICAL COMPLICATION RATES OF INTRAVENOUS THROMBOLYSIS COMBINED WITH EARLY CAROTID ENDARTERECTOMY FOR TREATMENT OF HYPERACUTE ISCHAEMIC STROKE

Ewa Swiecka (Herzberg, Germany)

LONG-TERM RESULTS OF ENDOVENOUS LASER THERAPY (EVLT) OF SAPHENOUS VEIN REFLUX: UP TO 9 YEARS FOLLOW-UP

Hussein Nassar (Beirut, Lebanon)

MID-TERM RESULTS OF ILIAC BRANCHED ENDOGRAFTING WITH SELF-EXPANDABLE BRIDGING STENTS-GRAFTS

Kyriakos Oikonomou (Regensburg, Germany)

CAROTID-AXILLARY BYPASS IN ZONE 2 TEVAR: AN ALTERNATIVE APPROACH TO SUPRA-AORTIC DEBRANCHING PROCEDURES. A SINGLE CENTER MULTIVARIABLE ANALYSIS WITH MID-TERM RESULTS

Oana Bartos (Tübingen, Germany)

1 - YEAR RESULTS OF ENDOVENOUS LASER THERAPY WITH 1940NM LASER; LONGER WAVELENGTH AND LESSER ENERGY DENSITY (LEVEL 2 STUDY)

Claus-Georg Schmedt (Schwäbisch Hall, Germany)

INDOCYANINE GREEN FLUORESCENCE ANGIOGRAPHY FOR EVALUATION OF THE EFFECTS OF SPINAL CORD STIMULATION TO THE IMPROVEMENT OF THE MICROPERFUSION IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE WITH NO REVASCULARIZATION OPTIONS

Domenico Marco Stillitano (Mannheim, Germany)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

#### **PP01 5, Poster Presentations Session**

ePOSTER PRESENTATIONS ROUND 1 - Screen 5

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Chair: Melina Vega de Ceniga (Galdakao, Spain)

INFRAPOPLITEAL CARBON DIOXIDE (CO2) ANGIOGRAPHY IN DIABETIC PATIENTS WITH CRITICAL LIMB ISCHEMIA. LIMB RESCUE AND PREVENT KIDNEY FAILURE

Tigla Alexandru (Burghausen, Germany)

PERIOPERATIVE COMPLICATIONS IN PATIENTS WITH A "SHAGGY AORTA" UNDERGOING EVAR AND OPEN AORTIC SURGERY - A RETROSPECTIVE CASE SERIES AND CASE DISCUSSION

Marius P. Felecan (Essen, Germany)

INCIDENCE AND PREVENTION OF DEEP VEIN THROMBOSIS IN PATIENTS WITH POPLITEAL VEIN ANEURYSM

Beatrix Cucuruz (Frankfurt, Germany)

INTRAVASCULAR B-CELL LYMPHOMA: A RARE ENTITYWITH SIGNIFICANT CLINICAL CONSEQUENCES: A CASE REPORT AND REVIEWOF THE LITERATURE

Sotirios Goulas (Bonn, Germany)

FACTORS ASSOCIATED WITH LOWER INCIDENCE OF RUPTURE IN ABDOMINAL AORTIC ANEURYSMS

EVALUATION OF THE LONG-TERM DURABILITY OF CAROTID ENDARTERECTOMY TECHNIQUES

Konstantinos Spanos (Larisa, Greece)

EVAR WITH THE USE OF NEW GENERATION ENDOGRAFTS IS A SAFE AND DURABLE PROCEDURE

Petroula Nana (Larissa, Greece)

COMBINED FENESTRATED/BRANCHED ENDOVASCULAR REPAIR OF THE AORTIC ARCH AND THE THORACOABDOMINAL AORTA

Konstantinos Spanos (Larisa, Greece)

THE USE OF MICRONIZED PURIFIED FLAVONOID FRACTION FOR POSTOPERATIVE SYMPTOMS REGRESSION AFTER ENDOVENOUS THERMAL ABLATION. A RANDOMIZED CONTROLLED STUDY

Athanasios Giannoukas (Greece)

CONTRALATERAL CAROTID OCCLUSION WITH SUFFICIENT CIRCLE OF WILLIS IS NOT ASSOCIATED WITH A HIGHER INCIDENCE OF NEUROLOGIC EVENTS DURING CAROTID ENDARTERECTOMY WITHOUT SHUNTING

Peter Banga (Budapest, Hungary)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

#### **PP01 6, Poster Presentations Session**

ePOSTER PRESENTATIONS ROUND 1 - Screen 6

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Chair: Arindam Chaudhuri (Bedford, United Kingdom)

### CRYOPRESERVED ARTERIAL AND VENOUS ALLOGRAFT FOR INFRAINGUINAL BYPASS IN CHRONIC CRITICAL LIMB ISCHEMIA

David Garbaisz (Budapest, Hungary)

### OBJECTIVE AND PREDICTIVE ANALYSIS OF ANASTOMOSES AS AN EDUCATIONAL AND BENCHMARKING TOOL

Balazs Gasz (Pecs, Hungary)

### LOWER EXTREMITY ARTERIAL INJURIES: IMPACT OF TIME OF PRESENTATION, TYPE OF INJURY AND THERAPEUTIC STRATEGY WITH LIMB SALVAGE AT ONE MONTH

Uttam Kumar Thakur (Chandigarh, India)

### CAROTID ENDARTERECTOMY IN SYMPTOMATIC PATIENTS - CHALLENGES OF IMPLEMENTING INTERNATIONAL GUIDELINES IN AN INDIAN SETTING

Prem Chand Gupta (Hyderabad, India)

### ROLE OF CATHETER-DIRECTED THROMBOLYSIS IN PATIENTS WITH ACUTE ON CHRONIC LIMB ISCHEMIA DUE TO BUERGER'S DISEASE WITH NO OPTION CRITICAL LIMB ISCHEMIA

Sridhar Murugesan (Chennai, India)

# NEW THERAPEUTIC STRATEGIES FOR THE TREATMENT OF CHRONIC VASCULAR WOUNDS: SINGLE CENTER EXPERIENCE WITH THE TRANSDERMAL CONTINUOUS OXYGEN THERAPY EPIFLO ${\it \$}$

Gianfranco Varetto (Turin, Italy)

## THE BRADEN SCALE AS A PREDICTOR FOR PERIOPERATIVE AND LONG TERM OUTCOMES AFTER REVASCULARIZATION OF SYMPTOMATIC PERIPHERAL ARTERIAL OCCLUSIVE DISEASE

Paolo Spath (Bologna, Italy)

### ADVANTAGES OF A PRELOADED FENESTRATED STENT-GRAFT DESIGN DURING ENDOVASCULAR TREATMENT OF PARARENAL AND THORACO-ABDOMINAL ANEURYSMS

Alessandro Grandi (Milano, Italy)

### ULTRA LOW-PROFILE AORTIC ENDOGRAFT: EARLY AND MID TERM OUTCOMES FROM THE ITALIAN TRIVENETO INCRAFT REGISTRY

Marco Zavatta (Padova, Italy)

# PREOPERATIVE ENDOVASCULAR PROCEDURES AND SUCCINATE DEHYDROGENASE (SDH) GENETIC SCREENING AS USEFUL METHODS TO IMPROVE SURGICAL OUTCOMES IN PATIENTS WITH NECK PARAGANGLIOMAS (NPS)

Andrea Xodo (Padova, Italy)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

### PP01\_7, Poster Presentations Session

ePOSTER PRESENTATIONS ROUND 1 - Screen 7

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Jury: Jonathan Boyle (United Kingdom)

### IS SURGICAL REVASCULARIZATION FOR CHRONIC LIMB THREATENING ISCHEMIA RECOMMENDED IN PATIENTS OVER 85YEARS-OLD?

Mohammad Abualhin (Bologna, Italy)

# CONTAINED RUPTURE IN NON-ANEURYSMAL AORTA: 10 YEARS' EXPERIENCE OF ENDOVASCULAR REPAIR OF PENETRATING AORTIC ULCERS IN URGENT AND ELECTIVE SETTING

Paolo Spath (Bologna, Italy)

### EARLY OUTCOMES OF ROUTINE DELAYED SHUNTING IN CAROTID ENDARTERECTOMY FOR SYMPTOMATIC PATIENTS

Francesco Squizzato (Padova, Italy)

### EAGLE SYNDROME AND INTERNAL CAROTID ARTERY DISSECTION: DESCRIPTION OF 5 CASES TREATED IN 2 VASCULAR INSTITUTIONS AND REVIEW OF THE LITERATURE

Giuseppe Baldino (Genoa, Italy)

## SELECTIVE USE OF REMOTE ENDARTERECTOMY IN THE PRESENT VASCULAR PRACTICE Giovanni Coppi (Bozen, Italy)

### ANALYSIS OF FAILURE-MECHANISMS OF CRYOPRESERVED VASCULAR ALLOGRAFTS IN PERIPHERAL RECONSTRUCTIONS

Giovanni Coppi (Bozen, Italy)

# INITIAL CLINICAL EXPERIENCE WITH A NEW CONFORMABLE ABDOMINAL ENDOGRAFT: PRECISION OF DEPLOYMENT AND TORTUOSITY INDEX ANALYSIS IN CHALLENGING AORTIC NECK

Gian Antonio Boschetti (Genoa, Italy)

# IN-HOSPITAL MORTALITY PREDICTORS IN 1582 PATIENTS UNDERWENT ENDOVASCULAR OR SURGICAL INTERVENTION FOR PERIPHERAL ARTERY DISEASE: A SINGLE CENTER SURVIVAL ANALYSIS

Gian Antonio Boschetti (Genoa, Italy)

USE OF RESUSCITATIVE ENDOVASCULAR BALLOON OCCLUSION OF THE AORTA (REBOA) BEFORE OPEN AND ENDOVASCULAR TREATMENT FOR RUPTURED ABDOMINAL AORTIC ANEURYSMS: EXPERIENCE FROM 35 CONSECUTIVE PATIENTS

Alberto Froio (Monza, Italy)

### RISK STRATIFICATION OF CAROTID ENDARTERECTOMY ACCORDING TO TYPE OF SYMPTOMS AND TIMING OF INTERVENTION

Rodolfo Pini (Bologna, Italy)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

### **PP01 8, Poster Presentations Session**

ePOSTER PRESENTATIONS ROUND 1 - Screen 8

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Jury: Mark Koelemay (Netherlands)

### MULTIMODAL NEUROPHYSIOLOGICAL MONITORING REDUCES SHUNT INCIDENCE DURING CAROTID ENDARTERECTOMY

Marco Leopardi (L'Aquila, Italy)

#### MACHINE LEARNING AND NEURAL NETWORKS IN VASCULAR SURGERY

Luca Rossi (Monza, Italy)

# THE POST-IMPLANTATION SYNDROME(PIS): THE IMPACT OF DIFFERENT DEVICES FOR ENDOVASCULAR ABDOMINAL AORTIC ANEURYSM REPAIR (EVAR) AND RELATED ETIOPATHOGENETIC IMPLICATIONS

Roberto Gattuso (Rome, Italy)

# USEFUL IMAGING TO DETECT MACROPHAGE LOCALIZATION IN THE MEDIA AND ADVENTITIA OF THE ABDOMINAL AORTIC ANEURYSM WALL USING EX VIVO SUPERPARAMAGNETIC IRON OXIDE-ENHANCED MAGNETIC RESONANCE IMAGING

Michihisa Umetsu (Sendai, Japan)

### ACUTE AORTIC DISSECTION AND ANTICOAGULANT THERAPY: POSSIBILITIES AS NOVEL THERAPEUTIC TARGETS

Hiroki Tanaka (Hamamatsu, Japan)

### QUANTIFICATION OF TARGET ARTERY CALCIFICATION USING COMPUTED TOMOGRAPHY IS USEFUL TO JUDGE WHETHER ANASTOMOSIS IS FEASIBLE OR NOT IN DISTAL BYPASS

Tadahiro Sasajima (Tokyo, Japan)

### SURGICAL WOUND MANAGEMENT IN PARAMALLEOLAR BYPASS USING ARTIFICIAL DERMIS WITH/WITHOUT RELIEF INCISION

Yoshihiko Tsuji (Kobe, Japan)

## FABRIC TEARS OF STENT GRAFT OFTEN EXIST AMONG ANEURYSM SAC EXPANSION AFTER ENDOVASCULAR ABDOMINAL AORTIC ANEURYSM REPAIR

Tomoki Cho (Yokohama, Japan)

### THE EFFICACY OF ENDOVENOUS LASER ABLATION ALONE AS A TREATMENT FOR VARICOSE VEINS

Yohei Kawai (Nagoya, Japan)

### PROGNOSTIC FACTORS OF LONG-TERM SURVIVORS AFTER SURGICAL REVASCULARIZATION IN DIALYSIS-DEPENDENT PATIENTS WITH CHRONIC LIMB THREATENING ISCHEMIA

Shinsuke Kikuchi (Asahikawa, Japan)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

### PP01\_9, Poster Presentations Session

ePOSTER PRESENTATIONS ROUND 1 - Screen 9

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Chair: Sandro Lepidi (Padova, Italy)

PREDICTIVE VALUE OF TISSUE OXYGENATION SATURATION FOR ULCER HEALING AFTER ENDOVASCULAR TREATMENT IN PATIENTS WITH CRITICAL LIMB ISCHEMIA - UTILITY OF A NEWLY-INVENTED FINGER-MOUNTED TISSUE OXIMETER WITH NEAR-INFRARED SPECTROSCOPY

Takafumi Kayama (Hamamatsu, Japan)

### OUTCOMES OF CELIAC ARTERY COVERAGE DURING THORACIC ENDOVASCULAR AORTIC REPAIR

Hiroshi Banno (Nagoya, Japan)

STUDY ON PROGNOSIS OF BUTTOCK CLAUDICATION IN ENDOVASCULAR ANEURYSM REPAIR CASES INVOLVING INTERNAL ILIAC ARTERY EMBOLIZATION—COMPARISON OF BILATERAL AND UNILATERAL EMBOLIZATION

Shunya Suzuki (Sendai City, Japan)

FAST-TRACK PROTOCOL AFTER OPEN ABDOMINAL AORTIC SURGERY ENABLES SHORT HOSPITAL STAY SAME AS EVAR

Susumu Ozawa (Okayama, Japan)

A CHANGE OF DUPLEX SONOGRAPHIC VELOCITIES AND FLOW OF INFRAPOPLITEAL VEIN GRAFT IN 30 DAYS AFTER SURGERY IS A STRONG PREDICTOR FOR 1-YEAR GRAFT PATENCY

Naoya Kuriyama (Asahikawa-shi, Hokkaido, Japan)

### RISK FACTORS FOR DEVELOPMENT OF PERIOPERATIVE STROKE AFTER CEA

Jihee Kang (Seoul, Korea, Republic of)

VENOUS THROMBOEMBOLISM FOLLOWING ABDOMINAL CANCER SURGERY IN THE KOREAN POPULATION: INCIDENCE AND VALIDATION OF RISK ASSESSMENT MODEL

Jiil Kim (Gyeonggi-do, Korea, Republic of)

OUTCOMES OF CAROTID ARTERY ENDARTERECTOMY (CEA) VS CAROTID ARTERY STENTING (CAS) VS OPTIMAL MEDICAL TREATMENT (OMT) FOR ASYMPTOMATIC CAROTID STENOSIS: INVERSE PROBABILITY OF TREATMENT WEIGHTING USING PROPENSITY SCORES

Jihee Kang (Seoul, Korea, Republic of)

USE OF THE NOVEL ALTURA DOUBLE-D ENDOGRAFT DEVICE FOR EVAR: SINGLE CENTRE EXPERIENCE AND 5-YEAR RESULTS IN ONE HUNDRED PATIENTS

Dainis Krievins (Riga, Latvia)

THE EFFECT OF THE DIAMETER OF ANEURYSM OF ABDOMINAL AORTA ON POST-OPERATIVE LEUKOCYTOSIS IN PATIENTS TREATED WITH ENDOVASCULAR ANEURYSM REPAIR

Niko Turkka (Riga, Latvia)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

#### **PP01 10, Poster Presentations Session**

ePOSTER PRESENTATIONS ROUND 1 - Screen 10

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Chair: Francisco Álvarez Marcos (Spain)

### RE-INTERVENTIONS AFTER ENDOVASCULAR REPAIR FOR INFRARENAL ABDOMINAL AORTIC ANEURYSMS

Ruth Scicluna (Msida, Malta)

### PSOAS MUSCLE AREA PREDICTS LENGTH OF STAY AND 30-DAY MAJOR ADVERSE COMPLICATIONS AFTER OPEN AND ENDOVASCULAR ABDOMINAL AORTIC ANEURYSM REPAIR

Ramon Garcia-Alva (Mexico, Mexico)

### ENDOVASCULAR TREATMENT FOR STANFORD B AORTIC DISSECTION IN PATIENTS WITH CONNECTIVE TISSUE DISORDERS

Jose Alonzo Leal Franco (Monterrey, Mexico)

# ASSESSMENT OF HEALTH RELATED QUALITY OF LIFE IN ASYMPTOMATIC CAROTID BODY TUMOR PATIENTS; STRATIFIED BY VOLUME TUMOR MEASUREMENT AND SHAMBLIN, PRIOR TO RESECTION

Ramon Garcia-Alva (Mexico, Mexico)

### NATIONWIDE STUDY OF THE TREATMENT OF MYCOTIC ABDOMINAL AORTIC ANEURYSMS COMPARING OPEN AND ENDOVASCULAR REPAIR IN THE NETHERLANDS

Quan Dang (The Hague, Netherlands)

## THE EFFECTS OF MENTAL FATIGUE ON SURGICAL PERFORMANCE - A SYSTEMATIC REVIEW Iris Reijmerink (Groningen, Netherlands)

# ROLE OF ADIPOSE TISSUE AND SKELETAL MUSCLE IN ATHEROSCLEROTIC OCCLUSIVE DISEASE (PERIPHERAL ARTERIAL DISEASE AND CAROTID ARTERIAL DISEASE) AND IN CENTRAL HEMODYNAMICS

Joana Ferreira (Guimaraes, Portugal)

### HOME BLOOD PRESSURE MONITORING IN PATIENTS AFTER CAROTID ENDARTERECTOMY: A FEASIBILITY STUDY

Leonie Fassaert (Utrecht, Netherlands)

Endovascular Track 13:45 - 15:45

Hall 3, Room 1

#### W17, Essentials in EVAR

This workshop is a practical hands-on workshop that will allow the participants to select the appropriate anatomy for EVAR, to learn the various steps of EVAR after thorough planning (not part of this workshop), be able to deploy the abdominal stent-grafts and have a back-up plan should challenges arise.

Lead convenor: Jonathan Sobocinski (France)
Co-convenor: Blandine Maurel (France)
Co-convenor: Sofia Stromberg (Sweden)
Co-convenor: Katia Vogt (Denmark)

Endovascular Track 13:45 - 15:45

Hall 3, Room 2

# W18, Endovascular Toolkit in PAD (basic) (Suggested if you plan to take the FEBVS exam)

Trainees are often daunted by the wide array of unfamiliar kit required to perform endovascular procedures. This workshop aims to introduce candidates to the basic endovascular toolkit (incl. wires, catheters, balloons, stents...) required for peripheral intervention and familiarise them in a friendly, hands-on environment, with the opportunity to ask any question about endovascular tools to the expert faculty.

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Lead convenor: James McCaslin (United Kingdom) Lead convenor: Sandip Nandhra (United Kingdom)

Co-convenor: Fernando Gallardo (Spain) Co-convenor: Alberto Froio (Italy) Co-convenor: José Ignacio Leal (Spain) Co-convenor: Chris Twine (United Kingdom) Co-convenor: Katarina Bjorses (Sweden)

Academic Track 13:45 - 15:45

Hall 3, Room 4

# W20, Clinical Knowledge for the FEBVS Exam ( Suggested if you plan to take the FEBVS exam)

TBC

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Lead convenor: Jonathan Beard (United Kingdom) Co-convenor: Raechel Toorop (Netherlands) Co-convenor: Mahesh Pai (United Kingdom)

Symposia 14:00 - 15:00

Hall 4, Room 1

### S04, Vascunet/ICVR Joint Session

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Chair: Kevin Mani (Sweden)

Chair: Jack L. Cronenwett (United States)

Volume-outcome relationship in aortic surgery - lessons from international registry collaboration Salvatore Scali (Gainesville, United States)	14:00 - 14:15
Variations in amputation rate for peripheral arterial disease - a Vascunet analysis	14:15 - 14:30
Christian-Alexander Behrendt (Hamburg, Germany)	
Can registry data be used for evaluation of new technology in vascular surgery - the Paclitaxel example  Daniel Bertges (United States)	14:30 - 14:45
Carotid intervention practice in an international perspective	14:45 - 15:00

Maarit Venermo (Helsinki, Finland)

Scientific Sessions 14:00 - 16:00

Hall 4, Room 2

### SS02, SCIENTIFIC SESSION 02 - PAD

Each Plenary Scientific Session is focused on one specific domain of vascular surgery and comprises of very best of science in vascular care. Indeed, authors of the highest rated abstracts presented during the Fast-Track Presentations sessions will be scheduled to present in the Plenary Scientific Session corresponding to their field of research. The complete programme of the plenary scientific sessions is therefore only known and announced on the 2nd day of the Annual Meeting.

Chair: Anders Albäck (Finland) Chair: Kim Christian Houlind (Denmark) Invited Speaker: Frank Vermassen (Belgium) 14:00 - 14:10 Keynote lecture Frank Vermassen (Belgium) THE IMPACT OF ANAEMIA ON THE CLINICAL OUTCOMES OF INFRA-14:10 - 14:20 **INGUINAL BYPASS FOR CRITICAL LIMB ISCHAEMIA** Luke Boylan (Newcastle, United Kingdom) DEVELOPMENT OF CORE OUTCOME SETS FOR PATIENTS UNDERGOING 14:20 - 14:30 MAJOR LOWER LIMB AMPUTATION FOR COMPLICATIONS OF PERIPHERAL **VASCULAR DISEASE** Graeme K Ambler (Bristol, United Kingdom) IMPROVING THE RATE OF MAJOR AMPUTATION THROUGH THE 14:30 - 14:40 IMPLEMENTATION OF A NOVEL VASCULAR LIMB SALVAGE CLINIC: EARLY **RESULTS** Andrew Nickinson (Leicester, United Kingdom) MISSED OPPORTUNITIES FOR LIMB SALVAGE IN PATIENT UNDERGOING A 14:40 - 14:50 MAIOR AMPUTATION: A COHORT STUDY USING THE CLINICAL PRACTICE

RESEARCH DATALINK

POPART—A REGISTRY FOR POPLITEAL ARTERY ANEURYSM REPAIR 14:50 - 15:00 Georg Jung (Frankfurt am Main, Germany)

**RAPID ACCESS VASCULAR CLINICS FOR PATIENTS WITH DIABETES - A** 15:00 - 15:10 **MULTIDISCIPLINARY APPROACH SAVES LEGS** 

Badri Vijaynagar (Northampton, United Kingdom)

TREATMENT OF POPLITEAL ANEURYMS; A CASE-CONTROLLED STUDY OF 15:10 - 15:20 **ENDOVASCULAR AND OPEN REPAIR IN A NATIONAL COHORT FAVOURS OPEN SURGERY** 

Anne Cervin (Uppsala, Sweden)

**ULTRASOUND SURVEILLANCE OF INSITU BYPASS GRAFTS - IS IT WORTH** 15:20 - 15:30 THE EFFORT?

Lasse Fisker (Copenhagen, Denmark)

WHY DO HUMAN FEMORAL STENTS FAIL? FIRST IN-MAN PATHOLOGY AND 15:30 - 15:40 MULTIMODALITY IMAGING OF ACUTE AND CHRONIC FEMORAL STENTING IN HUMAN

Salomé Kuntz (Gaithersburg, United States)

### MECHANICAL THROMBECTOMY USING THE SOLITAIRE AB DEVICE FOR ACUTE EMBOLIC MESENTERIC ISCHEMIA

15:40 - 15:50

Yadong Shi (Nanjing, China)

Nurses & Sonographers 14:00 - 15:30

Hall 4, Room 3

### EVNS03, Care and Treatment of Patients with AAA, Open and Endovascular Repair

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Chair: Christine Kumlien (Sweden) Chair: Filipe Fernandes (United Kingdom)

Summary of the new ESVS AAA guideline and how to choose between open AAA repair and EVAR  $\,$ 

14:00 - 14:20

Franziska Heidemann (Hamburg, Germany)

**AAA** and Nursing care

14:20 - 14:40

Lone Schmidt (Denmark)

Patient perspectives from OAR and EVAR

14:40 - 15:30

Vascular Medicine Track 14:00 - 15:30

Hall 3, Room 5

# W21, Interactive Case Discussions on Antithrombotic Strategies Before and After Surgery

Thrombotic events, which may lead to disability, loss of limb and loss of life threaten patients with vascular disease before, during and after vascular interventions. Current treatment guidelines recommend antiplatelet therapies such as aspirin alone and/or warfarin, but recent evidence suggests, NOACs play an important additional role. On the other hand, clinicians are confronted with managing patients on novel agents in the critical setting before, during, and after surgery, where the risks of bleeding and thrombosis are increased simultaneously. This workshop will focus on how to handle your patients before and after arterial revascularisation – both open and endovascular treated patients.

Lead convenor: Arno Wiersema (Netherlands)

Co-convenor: Rupert Bauersachs (Darmstadt, Germany)

Open Procedures Track 14:00 - 16:00

Hall 3, Room 6

### W22, Open Vascular / Endovascular Trauma Damage Control

Vascular surgeons are involved in vascular trauma management and the need for improving open vascular and endovascular trauma techniques have been increasingly recognized in recent years. This workshop provides excellent hands on experience to perform vascular damage control procedures:

- Introduction lecture and decision making
- Hands-on
- o Models to practice vascular trauma damage control techniques
- o Vascular shunts
- o Vascular control and open repair
- o REBOA-technique
- o Covered stentgraft

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Lead convenor: Zoran Rancic (Switzerland) Co-convenor: Carl-Magnus Wahlgren (Sweden) Co-convenor: Christos Karkos (Greece) Co-convenor: Gioele Simonte (Italy)

Imaging Track 14:00 - 15:30

Hall 3. Room 8

### W24, Carotid Duplex Ultrasound (Suggested if you plan to take the CCVUS Exam)

Carotid duplex is a validated procedure in vascular ultrasound to diagnose arterial disease in the blood vessels of the neck including the carotid, vertebral and subclavian arteries.

We aim to give you a strong foundation in this modality so you will understand how ultrasound is used to diagnose carotid disease. This workshop will be a launch pad to starting your expertise in vascular ultrasound.

You'll be able to learn how to detect and grade carotid stenosis performing supervised examinations on patients.

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Lead convenor: Richard Pole (United Kingdom) Invited Speaker: Henrik Sillesen (Denmark) Co-convenor: Steven Rogers (United Kingdom) Co-convenor: Ivonne Bajonschak (Germany) Co-convenor: Elena Iborra (Spain)

Co-convenor: Elena Iborra (Spain) Co-convenor: Ana Arribas (Spain)

Symposia 15:00 - 16:00

Hall 4, Room 1

### S05, ESVS/EACTS joint session: Treatment of the Aortic Arch Consensus

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Chair: Martin Cczerny (Germany) Chair: Stephan Haulon (France) Chair: Jürg Schmidli (Switzerland) Chair: Gert J. de Borst (Netherlands)

Aortic arch pathologies consensus document: a summary of key messages of this joint effort  $% \left( 1\right) =\left( 1\right) \left( 1$ 

15:00 - 15:15

Martin Cczerny (Germany)

How the underlying pathology affects the choice of the treatment modality	15:15 - 15:30
Tilo Kölbel (Germany)	
Monitoring during aortic arch repair - how to do the right things Jürg Schmidli (Switzerland)	15:30 - 15:45
Branched endovascular aortic arch repair	15:45 - 16:00
Stephan Haulon (France)	

Coffee Break 16:00 - 16:30

Hall 4, Exhibition + Poster Area

#### **Coffee Break**

Endovascular Track 16:15 - 18:15

Hall 3, Room 1

#### W25, Essentials in TEVAR

This workshop is a practical hands-on workshop that will allow the participants to select the appropriate anatomy for TEVAR, to choose an appropriate landing zone, to learn the various steps of TEVAR after thorough planning, be able to deploy the thoracic stent-grafts and have a back-up plan should challenges arise.

Lead convenor: Maarten Trujers (Netherlands) Co-convenor: Arjan Hoksbergen (Netherlands) Co-convenor: Andrea Kahlberg (Italy) Co-convenor: Gaspar Mestres (Spain)

Co-convenor: Jan Tomas Orhlander (Denmark)

Endovascular Track 16:15 - 18:15

Hall 3, Room 2

## W26, Safe Navigation in the Arterial Tree (Suggested if you plan to take the FEBVS exam)

Trainees are often overwhelmed by the wide array of endovascular kit and how to use these safely to cannulate vessels. This workshop aims to introduce candidates how to select wires and catheters to cannulate a predefined vessel safely by hands-on training using simulated models.

Lead convenor: James McCaslin (United Kingdom) Lead convenor: Sandip Nandhra (United Kingdom) Co-convenor: Francisco Gomez Palones (Spain)

Co-convenor: Alberto Froio (Italy) Co-convenor: Blandine Maurel (France) Co-convenor: Katarina Bjorses (Sweden) Co-convenor: José Ignacio Leal (Spain) Co-convenor: Xavier Yugueros (Spain)

Co-convenor: Simon Neequaye (United Kingdom)

Chair: Bart Doyen (Belgium)

Endovascular Track 16:15 - 18:15

Hall 3, Room 3

## W27, Interactive Case Discussions on Treatment of Atherosclerotic Femoropopliteal Lesions

This interactive case discussion will focus on the treatment of atherosclerotic lesions in the femoropopliteal area. Should you treat it endovascularly and once you have crossed the lesion, how should you treat that lesion? Several possibilities are available: POBA, DEB, SES, BMS, covered stent, type of stent... How to decide? Based on location of the disease, lesion characteristics, vessel size, recurrent or de novo lesion.... When should open surgery be the first treatment option?

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Lead convenor: Ashish Patel (United Kingdom) Co-convenor: Chris Twine (United Kingdom) Co-convenor: Konstantinos Stavroulakis (Greece) Co-convenor: Teresa Martin Gonzalez (France) Co-convenor: Michael Lichtenberg (Germany)

Vascular Medicine Track 16:15 - 17:45

Hall 3, Room 4

### W28, Interactive Case Discussions on How to Optimize your Patient Before Surgery

The workshop will focus on assessing and optimizing patients with vascular disease prior, during and after surgery to improve acute and long-term outcomes.

Through a series of hands-on tasks and trainer-trainee and trainee-trainee discussions, the concept of optimization will be engaged.

The workshop will integrate the participants own experiences with vascular patients and the recent advances in perioperative medicine, not only vascular but also from other procedures and medical specialties. Examples include, fluid optimization, diabetes handling, analgesic strategies etc.

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Lead convenor: Eske Aasvang (Denmark)

Symposia 16:30 - 18:00

Hall 4, Room 2

### S06, EJVES/JVS Joint Session

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Chair: Philippe Kolh (Belgium) Chair: Peter Gloviczki (United States) Chair: Florian Dick (Switzerland)

r: Peter Gloviczki (United States)
r: Florian Dick (Switzerland)

What are the Papers we are Looking for to Publish in the EJVES and Why?

What Papers Have the Best Chance to Get into the JVS Journals? Peter Gloviczki (United States)

16:40 - 16:50

16:30 - 16:40

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Top reasons why manuscripts are rejected

16:50 - 17:00

Peter Gloviczki (United States)

Philippe Kolh (Belgium)

The Secrets of a Successful Clinical Research Paper Florian Dick (Switzerland)	17:00 - 17:10
<b>EJVES Interactive - into a different future</b> Melina Vega de Ceniga (Galdakao, Spain)	17:10 - 17:20
The Power Of Multicenter Registries: How To Write Highly Cited Papers? Martin Björck (Sweden)	17:20 - 17:30
EJVES and Social Media - Twitter, PlumX, Facebook, LinkedIn Arindam Chaudhuri (Bedford, United Kingdom)	17:30 - 17:40
Panel Discussion	17:40 - 18:00

Nurses & Sonographers 16:30 - 17:30

Hall 4, Room 3

#### **EVNS04, Abstract Presentations**

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Chair: Louise Allen (United Kingdom) Chair: Fabrizio D'Abate (United Kingdom)

> PARTNERS' EXPERIENCES OF LIVING WITH A MAN WHO HAS A SCREENING-DETECTED ABDOMINAL AORTIC ANEURYSM: A QUALITATIVE INTERVIEW STUDY

Anna Ericsson (Hongkong, Hong Kong, China)

SENSE OF COHERENCE AMONG NON-ATTENDEE WOMEN IN A
MULTIFACETED SCREENING PROGRAM FOR CARDIOVASCULAR DISEASES

Marie Dahl (Viborg, Denmark)

ROLE OF DIGITAL IMAGING IN MONITORING ULCER SURFACE AREA IN 17:10 - 17:30 DEVELOPING COUNTRIES

Srilatha Magapu (Hyderabad, India)

Endovascular Track 16:30 - 18:30

Hall 3, Room 5

16:50 - 17:10

### W29, Interactive Case Discussions on Essentials in Acute Aortic Syndrome

Basic workshop to explain the management of acute type B aortic dissections including diagnosis, best medical treatment, indication for invasive treatment and discuss various treatment modalities including need for additional stenting of side branches (referencing ESVS guidelines). This workshop will be largely based on interactive case discussions.

No hands-on opportunities will be offered.

Lead convenor: Germano Melissano (Italy)
Co-convenor: Bijan Modarai (United Kingdom)
Co-convenor: David Lindström (Sweden)
Co-convenor: Tilo Kölbel (Germany)
Co-convenor: Mark Farber (United States)

Open Procedures Track 16:30 - 18:30

Hall 3, Room 6

### W30, Carotid Surgery (Suggested if you plan to take the FEBVS exam)

This is a hands-on workshop demonstrating surgical techniques for carotid surgery. During the course different techniques for carotid surgery (patch, shunt etc.) will be demonstrated and also bail-out strategies. Participants will practice techniques on models and will be taught tips and tricks.

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Lead convenor: Ed Sideso (United Kingdom) Co-convenor: Alison Halliday (United Kingdom) Co-convenor: Umit Altinas (Denmark) Co-convenor: Ashok Handa (United Kingdom) Co-convenor: Claudia Schrimpf (Germany)

Venous Track 16:30 - 18:00

Hall 3, Room 7

## W31, Minimally Invasive Treatment of Chronic Venous Disorders and Aesthetic Phlebology. Hands-on Workshop and Interactive case discussion

The workshop is designed to discuss the modalities of treatment of all stages of venous disorders upon presented cases.

A special role of non-tumescent non thermal endovenous interventions and sclerotherapy will be highlighted in early stages of disease and in aesthetic phlebology (reticular veins, spider veins).

The participants will be able to prepare all the equipment (Flebogrif, Clarivein, foam preparation) to use and also make injections.

Some crucial tips and tricks and economic principles of the treatment will be presented.

Role of translumination and ultrasound will be discussed.

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Lead convenor: Michał Goran Stanisic (Poland)

Co-convenor: Tomasz Pelak (Poland) Co-convenor: Paweł Świercz (Poland) Co-convenor: Petar Dragic (Serbia)

Imaging Track 16:30 - 18:30

Hall 3, Room 8

### W32, Lower Limbs Arterial Duplex Ultrasound

Non-invasive dyless study of arteries of lower limbs can be used as the sole examination to plan surgical revascularization in patients with CLI.

Case discussion on a recorded examination with disease.

Hands-on workshop on healthy models to learn US anatomy of lower limbs arterial tree.

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Lead convenor: Xavier Martí (Spain)

Co-convenor: Steven Rogers (United Kingdom)

Co-convenor: Carlos Martinez (Spain) Co-convenor: Begoña Gonzalo (Spain)

### Thursday, 26. September 2019

General Session 07:00 - 08:00

Hall 4, Room 1

### **GS4, ESVS AGM**

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Chair: Stephan Haulon (France)

Chair: Alison Halliday (United Kingdom) Chair: Sebastian Debus (Germany) Chair: Hence Verhagen (Netherlands) Chair: Pirkka Vikatmaa (Finland) Chair: Florian Dick (Switzerland)

Chair: Philippe Kolh (Belgium)

Chair: Melina Vega de Ceniga (Galdakao, Spain)

Chair: Jonas Eiberg (Denmark) Chair: Henrik Sillesen (Denmark)

Endovascular Track 07:45 - 09:45

Hall 3, Room 1

### W33, Essentials in FEVAR

This workshop will allow the participants to learn more about case selection for FEVAR, to be familiarized with the FEVAR basic toolkit, learn the various steps of FEVAR, be able to deploy the fenestrated stent-graft and have a back-up plan should challenges arise.

Sizing is NOT included in this workshop.

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Lead convenor: Bijan Modarai (United Kingdom)

Co-convenor: Blandine Maurel (France) Co-convenor: Enrico Cieri (Italy) Co-convenor: Adrien Hertault (France)

Co-convenor: Tara Mastracci (United Kingdom) Co-convenor: Mark Farber (United States) Chair: Martin Claridge (United Kingdom)

Endovascular Track 07:45 - 09:45

Hall 3, Room 2

### W34, Sizing in EVAR for Elective Infrarenal AAA

This generic workshop will focus on a structured approach to evaluate the CTA of a patient with an elective infrarenal AAA. The importance of sizing and planning (C-arm angulations) for a durable repair will be emphasized. All participants will have the opportunity to learn and practice measurement, sizing of an EVAR procedure using dedicated 3D workstations under supervision.

Planning and ordering of a specific graft is NOT included in this workshop, included in part 2 Planning and ordering devices in elective EVAR.

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Lead convenor: Joost van Herwaarden (Netherlands)

Co-convenor: Louise de la Motte (Denmark)
Co-convenor: Simone Hofer (Switzerland)
Co-convenor: Jean Paul de Vries (Netherlands)
Co-convenor: Javier Peinado Cebrián (Spain)
Co-convenor: Sofia Stromberg (Sweden)
Co-convenor: Teresa Martin Gonzalez (France)

Endovascular Track 07:45 - 09:45

Hall 3, Room 3

### W35, Endovascular Treatment of Calcified Femoropopliteal Lesions

During this 2-hour interactive workshop (WS) the convenor will, supported by case examples, explain and discuss how to deal with calcified lesions in the femoropopliteal vessels based on current clinical evidence. During the WS a stepwise structured approach for lesion crossing, preparation and treatment (when to leave or not leave permanent metallic implant behind) will be explained and discussed based on interactive cases. During the WS, participants will be able to experience different endovascular products discussed using a vascular flow model.

Lead convenor: Konstantinos Stavroulakis (Greece) Co-convenor: Hany Zayed (United Kingdom) Co-convenor: Michael Lichtenberg (Germany)

Academic Track 07:45 - 09:45

Hall 3, Room 4

### W36, How to Undertake a Meta-analysis - a Practical Guide

This hands on, practical workshop will take the participant through the process of literature search, data extraction, production of forest plots, and key principles in undertaking a meta-analysis.

: Lead convenor: Philip Stather (United Kingdom) Co-convenor: Graeme Ambler (United Kingdom)

Imaging Track 07:45 - 09:45

Hall 3, Room 5

# W37, Basic Physics for Ultrasound Examinations (Suggested if you plan to take the CCVUS Exam)

This workshop will give the attendees tools and knowledge to finally understand ultrasound physics and directly relate ultrasound basics to images that appear in daily examinations . The session will broke down physics into clear concepts and practical exercises, running away from classical lectures.

The workshop is intended not only to provide a solid foundation of physics which elevates competence in the field for vascular surgeons, vascular trainees and nurses but also to cover basic ultrasound physics concepts that are frequently asked in the Exam for the Certificate of Competences in Vascular Ultrasound (CCVUS).

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Lead convenor: José Ignacio Leal (Spain)

Co-convenor: Filipe Fernandes (United Kingdom)

Symposia 08:00 - 10:00

Hall 4, Room 1

# S07, ESVS/ESO/ESC joint session: Best Management of Stroke After Carotid and Aortic Surgery

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Chair: Alison Halliday (United Kingdom) Chair: Wolfram Doehner (Germany) Chair: Francesca R. Pezzella (Italy)

The overlap between cardiac complications, stroke and vascular intervention Wolfram Doehner (Germany)	08:00 - 08:15
Cardiac Interventions and Vascular Surgery - PTCA, Valve repair and TAVI Elved Roberts (United Kingdom)	08:15 - 08:30
Acute Stroke, thrombolysis and thrombectomy - when to treat carotid stenosis Mikael Mazighi (France)	08:30 - 08:45
Atrial Fibrillation - how hard should we look for this after vascular embolectomy?  Martin Fiala (Czech Republic)	08:45 - 09:00
Stroke, Carotid intervention and women Francesca R. Pezzella (Italy)	09:00 - 09:15
Cases for cooperation! Barbara Rantner (Austria)	09:15 - 09:45

Scientific Sessions 08:00 - 10:00

Hall 4, Room 2

### SS03, SCIENTIFIC SESSION 03 - AAA

Each Plenary Scientific Session is focused on one specific domain of vascular surgery and comprises of very best of science in vascular care. Indeed, authors of the highest rated abstracts presented during the Fast-Track Presentations sessions will be scheduled to present in the Plenary Scientific Session corresponding to their field of research. The complete programme of the plenary scientific sessions is therefore only known and announced on the 2nd day of the Annual Meeting.

: Chair: Hence Verhagen (Netherlands)
Chair: Ronald Dalman (United States)

Invited Speaker: Anders Wanhainen (Sweden) Chair: Rebecka Hultgren (Stockholm, Sweden)

Suvi Väärämäki (Tampere, Finland)

Keynote Lecture Anders Wanhainen (Sweden)	08:00 - 08:10
4D FLOW MRI IN PATIENTS WITH ASYMPTOMATIC ABDOMINAL AORTIC ANEURYSMS: REPRODUCIBILITY AND CLINICAL ANALYSIS  Reza Indrakusuma (Amsterdam, Netherlands)	08:10 - 08:20
OUTCOMES IN A PROSPECTIVE COHORT OF OCTOGENARIAN AND NONAGENARIAN PATIENTS DIAGNOSED WITH A SMALL (< 55 MM) ABDOMINAL AORTIC ANEURYSM: RUPTURE, GROWTH TO A LARGE (>=55 MM) SIZE AND MORTALITY RATES  Melina Vega de Ceniga (Galdakao, Spain)	08:20 - 08:30
ACT GUIDED HEPARIN ADMINISTRATION IN ELECTIVE OPEN ABDOMINAL AORTIC ANEURYSM REPAIR: RESULTS OF A PILOT STUDY Arno Wiersema (Netherlands)	08:30 - 08:40
HIGH POSTOPERATIVE MORTALITY AFTER ELECTIVE OPEN SURGICAL ABDOMINAL AORTIC ANEURYSM REPAIR IN HOSPITALS WITH EVAR PREFERENCE AND LESSONS FROM AN INSTRUMENTAL VARIABLE ANALYSIS OF THE DUTCH SURGICAL ABDOMINAL ANEURYSM AUDIT Niki Lijftogt (Amsterdam, Netherlands)	08:40 - 08:50
HOSPITAL VOLUME EFFECTS ON ABDOMINAL AORTIC ANEURYSM REPAIR MORTALITY - AN INTERNATIONAL REGISTRY-BASED ANALYSIS Salvatore Scali (Gainesville, United States)	08:50 - 09:00
LONG-TERM SURVIVAL AFTER ENDOVASCULAR REPAIR FOR INTACT INFRARENAL ABDOMINAL AORTIC ANEURYSMS IS IMPROVING OVER TIME Rens R.B. Varkevisser (Boston, United States)	09:00 - 09:10
PREVALENCE AND NATURAL HISTORY OF ABDOMINAL AORTIC ANEURYSM AMONG MEN INVITED TO A POPULATION BASED SCREENING PROGRAM Anneli Linné (Stockholm, Sweden)	09:10 - 09:20
RADIATION EXPOSURE ASSOCIATED WITH ENDOVASCULAR AORTIC REPAIR AND THE LIFETIME RISK OF MALIGNANCY  Azeem Alam (London, United Kingdom)	09:20 - 09:30
SAFETY OF PATIENT STRATIFICATION BASED ON INITIAL IMAGING FOLLOW-UP AFTER ENDOVASCULAR ANEURYSM REPAIR (EVAR)	09:30 - 09:40

	GRAFT OCCLUSION AFTER ENDOVASCULAR AORTIC REPAIR OF INFRARENAL ABDOMINAL AORTIC ANEURYSM	09.40 - 09.30
	Marko Bogdanovic (Stockholm, Sweden)	
	THE IMPACT OF PROXIMAL CLAMP LOCATION ON PERIOPERATIVE OUTCOMES FOR OPEN SURGICAL REPAIR OF JUXTARENAL ABDOMINAL AORTIC ANEURYSMS	09:50 - 10:00
	Rens R.B. Varkevisser (Boston, United States)	
Nurses & So 08:00 - 10:0	onographers	Hall 4, Room 3
		Hall 4, ROOIII 3
EVNS05	Challenges in Vascular Ultrasound	
	e Fernandes (United Kingdom) ne Bajonschak (Germany)	
		08:00 - 08:10
	Short intro of the society and membership benefits  Margit Roed (Denmark)	06:00 - 06:10
	Training in Vascular Ultrasound: - Current trends across Europe - Who should perform ultrasound?	08:10 - 08:30
	Fabrizio D'Abate (United Kingdom)	
	Skills and expertise in vascular ultrasound - A Vascular Surgeon's journey from training to European Certification	08:30 - 09:00
	Carlos Amaral (Portugal)	
	Using CEUS in EVAR: -□What is it all about? Fabrizia Giannoni (Italy)	09:00 - 09:10
	Using CEUS in EVAR: -□Experience from a single center - Hamburg Vascular Team	09:10 - 09:20
	Sina Noorzad (Germany)	
	Tomographic 3D Ultrasound	09:20 - 09:40
	Steven Rogers (United Kingdom)	
	New Technology and Machine Learning  Mari Murumets (United Kingdom)	09:40 - 10:00

**ENDOGRAFT DEVICE TYPE IS A SIGNIFICANT RISK FACTOR FOR LIMB** 

09:40 - 09:50

Open Procedures Track 08:00 - 10:00

Hall 3, Room 6

### W38, Basic open AAA repair (Suggested if you plan to take the FEBVS exam)

This is a hands-on workshop demonstrating basic open surgical techniques for infrarenal AAA. Participants will practice in pairs techniques on aortic model and will be taught tips and tricks.

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Lead convenor: Chris Darby (United Kingdom) Co-convenor: Daniel Eefting (Netherlands) Co-convenor: Umit Altinas (Denmark) Co-convenor: Ashok Handa (United Kingdom)

Co-convenor: Elena Iborra (Spain)

Venous Track 08:00 - 09:30

Hall 3, Room 7

# W39, Endovenous Laser Treatment of Chronic Venous Insufficiency. Basic Knowledge and Hands-on Workshop.

The workshop is designed to present basics of endovenous treatment of chronic superficial veins insufficiency with a special interest aiming to endovenous laser. In small groups of participants equipment presentation will be done and technical remarks of method will be presented, including vein access phantom training. A lecture showing an importance of US anatomy and laser device features will start the workshop and final remarks pointing out important aspects and principles of this endovascular method will close the meeting.

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Lead convenor: Tomasz Pelak (Poland) Co-convenor: Michał Goran Stanisic (Poland) Co-convenor: Paweł Świercz (Poland) Co-convenor: Jan Jakub Kęsik (Poland)

Imaging Track 08:00 - 09:30

Hall 3, Room 8

### W40, AV Fistula Planning

Arteriovenous fistula planning is the most important step before creating successful dialysis accesses, and ultrasound plays a key role on it. Its usefulness has been widely demonstrated and is recommended by ESVS guidelines. All the accurate recommendations, and useful tips and tricks that will be given in the workshop will enable the attendee to use ultrasound to plan AVF which will help to improve access patency and maturation and in turn, increase survival of dialysis patients.

:

Lead convenor: Gaspar Mestres (Spain) Co-convenor: Xavier Yugueros (Spain) Co-convenor: Begoña Gonzalo (Spain) Co-convenor: Anton Razuvajev (Sweden)

Coffee Break 10:00 - 10:30

Hall 4, Exhibition + Poster Area

#### **Coffee Break**

Endovascular Track 10:15 - 12:15

Hall 3, Room 1

#### W41, Essentials in BEVAR

This workshop will allow the participants to learn more about case selection for BEVAR, to be familiarized with the BEVAR basic toolkit, learn the various steps of BEVAR, be able to deploy the branched stent-graft and have a back-up plan should challenges arise.

Sizing is NOT included in this workshop.

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Lead convenor: Enrico Cieri (Italy)

Co-convenor: Anna Prent (United Kingdom) Co-convenor: Bijan Modarai (United Kingdom) Co-convenor: Nikos Tsilimparis (Germany) Co-convenor: Mark Farber (United States) Co-convenor: Timothy Resch (Sweden)

Endovascular Track 10:15 - 12:15

Hall 3, Room 2

### W42, Planning and Ordering a Stent-graft in Elective EVAR

This device specific workshop is the second part of the sizing and planning workshop in elective EVAR and will focus solely on planning (introduction of body, orientation of contralateral limb, C-arm angulations) for a durable repair. All participants will learn how to plan and order specific devices including the toolkit and bail-out tools that may be required. This workshop is largely based on interactive case discussions.

Generic sizing is NOT included in this workshop.

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Lead convenor: Joost van Herwaarden (Netherlands)

Co-convenor: Konstantinos Donas (Germany) Co-convenor: Colin Bicknell (United Kingdom) Co-convenor: Andrea Kahlberg (Italy)

Co-convenor: Javier Peinado Cebrián (Spain) Co-convenor: Barend Mees (Netherlands) Co-convenor: Raechel Toorop (Netherlands)

Endovascular Track 10:15 - 12:15

Hall 3, Room 3

#### W43, Endovascular Treatment of CTO in the Femoropopliteal Artery

This 2-hour workshop will focus on the management of chronic total occlusions (CTO) of the femoropopliteal vessels. Access options (antegrade, up and over, tibial), guidewires and support catheters as well as the use of bail out strategies (re-entry) will be presented. Moreover, the value of vessel preparation techniques and the outcomes of the various treatment strategies after crossing these lesions will be discussed. Additionally, an overview about the current treatment strategies for severely calcified lesions will be provided.

This course is based on interactive case discussions including the evidence and clinical expertise but various handson opportunities will be integrated.

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Lead convenor: Konstantinos Stavroulakis (Greece) Co-convenor: Hany Zayed (United Kingdom) Co-convenor: Michael Lichtenberg (Germany) Co-convenor: Chris Twine (United Kingdom)

Miscellaneous Track 10:15 - 11:45

Hall 3, Room 4

#### W44, Negative-pressure Wound therapy - How, Why and When?

NPWT promote healing in acute or chronic wounds by applying a vacuum through a special sealed dressing. NPWT can also be use in the management of the open abdomen (laparotomy) due to i.e. abdominal compartment. This workshop aims to introduce candidates to the different NPWT systems and

basic NPWT toolkit (incl. dressing, sponges, equipment...) required. Participants will familiarize with a couple of systems in a friendly, hands-on environment, with the opportunity to ask any question to the expert faculty and try different systems. We will cover a variety of wounds types and give tips and tricks.

How and when to use of NPWT in the management of open abdomen will be covered as well.

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Lead convenor: Holger Diener (Germany) Invited Speaker: Christina Monsen (Sweden)

Academic Track 10:15 - 12:15

Hall 3, Room 5

# W45, How to Perform a Good Manuscript Peer Review (Suggested if you plan to take the FEBVS exam)

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Lead convenor: David Mitchell (United Kingdom)

Co-convenor: Graeme K Ambler (Bristol, United Kingdom)

Symposia 10:30 - 12:00

Hall 4, Room 1

# S08, ESVS 2020 Clinical Practice Guidelines on the management of Acute Limb Ischemia

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Chair: Jonothan Earnshaw (United Kingdom)

Chair: Martin Björck (Sweden)

Chair: Melina Vega de Ceniga (Galdakao, Spain)

rega ac comga (caraanac, cpam,	
Introduction, how the Guidelines were developed ar Martin Björck (Sweden)	nd general aspects 10:30 - 10:40
<b>Diagnosis of ALI, challenges and recommendations</b> Jos Van Den Berg (Switzerland)	10:40 - 10:50
Initial management and decision making, recommer Jonothan Earnshaw (United Kingdom)	ndations 10:50 - 11:00
Open and hybrid surgery, recommendations Sebastian Debus (Germany)	11:00 - 11:10
Thrombolysis, recommendations Stefan Acosta (Sweden)	11:10 - 11:20

Postoperative problems (incl. reperfusion injury), follow-up and secondary prevention  Gabor Menyhei (Hungary)	11:20 - 11:30
Popliteal artery aneurysm with ALI and Upper limb ALI Frederic Cochennec (Creteil, France)	11:30 - 11:37
ALI in children and acute aortic occlusion Frederico Bastos Gonçalves (Portugal)	11:37 - 11:44
Unresolved issues and future research Robert J. Hinchliffe (United Kingdom)	11:44 - 11:51
Final discussion	11:51 - 11:59

Symposia 10:30 - 12:00

Hall 4, Room 2

# S09, ESVS/EVTM/JAPANESE SVS Joint Session on Modern Endovascular Management of Vascular Emergencies

Chair: Pirkka Vikatmaa (Finland) Chair: Tal M. Hörer (Sweden) Chair: Kimihiro Komori (Japan)

Pekka Aho (Finland)

EVTM (endovascular resuscitation and Trauma Management)- a paradigm shift in trauma and resuscitation Tal M. Hörer (Sweden)	10:30 - 10:41
Hybrid Emergency Room: All in one trauma resuscitation room Takahiro Kinoshita (Japan)	10:41 - 10:52
Use of REBOA and other endovascular methods for pending traumatic arrest and non-traumatic arrest- data and current status.  David McGreevy (Sweden)	10:52 - 11:03
PRESTO - start soon, finish sooner! Junichi Matsumoto (Japan)	11:03 - 11:14
Embolization for bleeding control - current recommendations  Anna Maria lerardi (Italy)	11:14 - 11:25
Registry data on REBOA- what do we know? Update from the ABOTrauma registry, AORTA registry, UK REBOA trial  Artai Pirouzram (Sweden)	11:25 - 11:36
100% endo for rAAA and TrAA-possible to do. technical aspects Hidemitsu Ogino (Japan)	11:36 - 11:47
REVAR how to do it, tips and tricks - from simulation to side rail technique	11:47 - 11:58

Nurses & Sonographers 10:30 - 11:45

Hall 4, Room 3

### EVNS06, Patient-reported Outcomes - The voice from the Patient

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Chair: Magdalena Gershater (Sweden) Chair: Louise Allen (United Kingdom)

Introduction to PROM and PREM

10:30 - 10:50

Christine Kumlien (Sweden)

Quality of life and venous disease

10:50 - 11:10

Martin Lawaetz (Denmark)

Quality of life and AAA

11:10 - 11:25

Jorg De Bruin (United Kingdom)

PROM and vascular disease experiences from Sheffield and Quality of life

11:25 - 11:45

and carotid stenosis

Ahmed Aber (United Kingdom)

Open Procedures Track 10:30 - 12:30

Hall 3, Room 6

#### W46, Open Basic AV Fistula

This is a hands-on workshop demonstrating basic surgical techniques for dialysis access. Participants will practice techniques on models and will be taught tips and tricks. Techniques for radiocephal and brachiocephal fistula as well as loop graft will be covered.

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Lead convenor: Ulf Hedin (Sweden) Co-convenor: Gaspar Mestres (Spain) Co-convenor: Anton Razuvajev (Sweden) Co-convenor: Mirko Menegolo (Italy)

Co-convenor: Johnny Baumann Olsen (Denmark)

Co-convenor: Begoña Gonzalo (Spain)

Venous Track 10:30 - 12:00

Hall 3, Room 7

# W47, Learn from the experts: laser treatment of chronic venous insufficiency - difficult cases

The workshop is designed to discuss options of endovenous treatment of chronic superficial veins insufficiency upon presented cases with a special interest aiming to endovenous laser. In small groups of participants interesting cases will be discussed. A lecture focusing on recent data concerning endovenous laser treatment will start the workshop and final remarks pointing out important aspects and principles of this endovascular method will close the meeting.

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Lead convenor: Tomasz Pelak (Poland) Co-convenor: Michał Goran Stanisic (Poland) Co-convenor: Paweł Świercz (Poland) Co-convenor: Petar Dragic (Serbia)

Symposia 12:00 - 13:00		Hall 4, Room 1
S10, Train	ing in Open Surgery: Problems and challenges	
: Chair: Bahaa A Chair: Carl-Ma	Arefai (Spain) agnus Wahlgren (Sweden)	
	Brief introduction of program and speakers Bahaa Arefai (Spain)	12:00 - 12:05
	Keynote presentation Carl-Magnus Wahlgren (Sweden)	12:05 - 12:15
	Do we really have a problem with open surgery training?  Alexandra Gratl (Innsbruck, Austria)	12:15 - 12:25
	Strategies and solution to improve training in Open Surgery Vincent Jongkind (Netherlands)	12:25 - 12:35

Scientific Sessions 12:00 - 13:00

Hall 4, Room 2

12:35 - 12:45

12:45 - 12:55

12:55 - 13:00

#### SS04, SCIENTIFIC SESSION 04 - Supra-aortic Arterial Disease

Mobility to increase exposure to open surgery

Training vascular trauma in Europe

Daniel Hinck (Hamburg, Germany)

Each Plenary Scientific Session is focused on one specific domain of vascular surgery and comprises of very best of science in vascular care. Indeed, authors of the highest rated abstracts presented during the Fast-Track Presentations sessions will be scheduled to present in the Plenary Scientific Session corresponding to their field of research. The complete programme of the plenary scientific sessions is therefore only known and announced on the 2nd day of the Annual Meeting.

Chair: Pirkka Vikatmaa (Finland)

Invited Speaker: Hans-Henning Eckstein (Munich, Germany)

Chair: Alison Halliday (United Kingdom)

Igor Koncar (Serbia)

**Final discussion** 

Keynote Lecture	12:00 - 12:10
Hans-Henning Eckstein (Munich, Germany)	
APPLICATION OF RISK PREDICTION MODELS FOR TARGETED SCREENING TO DETECT ASYMPTOMATIC CAROTID ARTERY STENOSIS Michiel Poorthuis (Oxford, United Kingdom)	12:10 - 12:20
EARLY OUTCOMES IN THE ROADSTER 2 CLINICAL TRIAL OF TRANSCAROTID ARTERY REVASCULARIZATION IN PATIENTS WITH SIGNIFICANT CAROTID ARTERY DISEASE	12:20 - 12:30

Hans-Henning Eckstein (Munich, Germany)

GENDER DIFFERENCES OF THE OUCOME AFTER REVASCULARIZATION FO CAROTID ARTERY STENOSIS - VASCUNET STUDY	12:30 - 12:40
Maarit Venermo (Helsinki, Finland)	
OUTCOMES OF TRANSCAROTID REVASCULARIZATION WITH DYNAMIC FLOW REVERSAL (TCAR) VERSUS CAROTID ENDARTERECTOMY (CEA) IN THE TCAR SURVEILLANCE PROJECT	12:40 - 12:50
Mahmoud Malas (San Diego, United States)	
TIMING OF PROCEDURAL COMPLICATIONS AMONG ASYMPTOMATIC PATIENTS UNDERGOING CAROTID ENDARTERECTOMY: ANALYSIS OF VA,	12:50 - 13:00

Michiel Poorthuis (Oxford, United Kingdom)

ACAS, ACST-1 AND GALA TRIALS

Nurses & Sonographers 12:00 - 13:00

Hall 4, Room 3

12:40 - 13:00

### **EVNS07, Abstract Presentations**

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Chair: Christine Kumlien (Sweden) Chair: Louise Allen (United Kingdom)

ILLNESS PERCEPTION IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE - 12:00 - 12:20 A SYSTEMATIC REVIEW

Rebecka Striberger (Malmö, Sweden)

ARTERIO-VENOUS FISTULA SURVEILLANCE USING TOMOGRAPHIC 3D 12:20 - 12:40 ULTRASOUND

Steven Rogers (Manchester, United Kingdom)

A MIXED METHODS STUDY OF CROSS-SECTORAL REHABILITATION INTERVENTION FOR PATIENTS WITH INTERMITTENT CLAUDICATION VERSUS USUAL CARE FOR PATIENTS IN NON-OPERATIVE MANAGEMENT. -THE CIPIC REHAB STUDY

Maj Siercke (Copenhagen, Denmark)

Lunch Break 13:00 - 14:00

Hall 4, Exhibition + Poster Area

#### **Lunch Break**

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

#### PP02\_10, Poster Presentations Session

ePOSTER PRESENTATIONS ROUND 2 - Screen 10

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Chair: Francisco Álvarez Marcos (Spain)

# 15-YEAR AGE-STRATIFIED OUTCOMES AFTER ENDOVASCULAR AND OPEN ABDOMINAL AORTIC ANEURYSM REPAIR

Rens R.B. Varkevisser (Boston, United States)

COLOR-CODED QUANTITATIVE DIGITAL SUBTRACTION ANGIOGRAPHY FOR SHORT-TERM EFFECTIVENESS EVALUATION OF CAROTID ARTERY STENTING AND PREDICTIVE EVALUATION FOR CEREBRAL HYPER-PERFUSION SYNDROME AFTER CAROTID ARTERY STENTING

Rong Zeng (Beijing, China)

# EARLY AND LONG-TERM IMPACT OF POSTOPERATIVE CEREBROVASCULAR COMPLICATIONS AFTER CAROTID ENDARTERECTOMY

Andrea Vacirca (Bologna, Italy)

ENDOVASCULAR REPAIR FOR INTACT ABDOMINAL AORTIC ANEURYSMS IS ASSOCIATED WITH LOWER TOTAL HOSPITAL CHARGES COMPARED TO OPEN REPAIR AND DIFFERENCES ARE INCREASING OVER TIME

Rens R.B. Varkevisser (Boston, United States)

FENESTRATED ENDOVASCULAR REPAIR WITH LARGE DEVICE DIAMETERS (34- TO 36-MM) IS ASSOCIATED WITH INCREASED RATES OF TYPE 1 AND 3 ENDOLEAK AND REINTERVENTION

Celine Deslarzes-Dubuis (Stanford, United States)

IMPORTANT DIFFERENCES OF LONGITUDINAL AND CIRCUMFERENTIAL MOVEMENTS IN Z0 OF THE AORTA DURING THE CARDIAC CYCLE

Viony M. Belvroy (Houston, United States)

OFF PUMP BANDING WITH OR WITHOUT STENTING OF THE ASCENDING AORTA FOR STANFORD TYPE A ACUTE AORTIC DISSECTION

Dominique Fabre (Le Plessis Robinson, France)

PREDICTING AORTIC REMODELING AFTER THORACIC ENDOVASCULAR AORTIC REPAIR FOR STANFORD TYPE B AORTIC DISSECTION USING AORTIC WALL THICKNESS RATIOS

Jesus Vasquez (New York, United States)

PREVAILING INFLUENZA ACTIVITY AND ACUTE AORTIC DISSECTION SEASONALITY

Harleen Sandhu (Houston, United States)

PULMONARY EMBOLISM RISK ASSESSMENT (PERA) SCORE. A NEW SCORING SYSTEM TO BETTER PREDICT THE RISK OF PULMONARY EMBOLISM - A COMPARATIVE STUDY WITH EXISTING SCORING SYSTEMS

Ashanga Yatawatta (Arizona, United States)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

#### PP02 9, Poster Presentations Session

ePOSTER PRESENTATIONS ROUND 2 - Screen 9

Chair: Sandro Lepidi (Padova, Italy)

**OUTCOMES OF VASCULAR INTERVENTIONS IN NONAGENARIANS AT A TERTIARY INSTITUTION** 

Ayoni Medagoda (Norwich, United Kingdom)

DYNAMIC RESPONSE OF STENTS IN VASCULAR SYSTEMS: DEVELOPMENT OF AN ADAPTIVE MODEL TO STUDY THE EFFECT OF STENT PLACEMENT ON ANEURYSMAL AND OCCLUSIVE ARTERIAL DISEASE IN VARIOUS ANATOMICAL CONFIGURATION

Michael Wall (Dudley, United Kingdom)

CONTEMPORARY OUTCOMES FOLLOWING INFRA-INGUINAL BYPASS. A RECENT VASCULAR HUB EXPERIENCE

Owain Fisher (Coventry, United Kingdom)

CONTEMPORARY STROKE RISKS OF PATIENTS WITH ASYMPTOMATIC CAROTID STENOSIS: DESIGN AND CHARACTERISTICS OF A LARGE PROSPECTIVE COHORT STUDY

Michiel Poorthuis (Oxford, United Kingdom)

BEST MEDICAL THERAPY ADVICE IN THE VASCULAR SURGERY CLINIC: A SERVICE EVALUATION PROJECT

Florence Kashora (Leicester, United Kingdom)

CAROTID BYPASS WITH GORE HYBRID VASCULAR GRAFT AS A RESCUE TECHNIQUE FOR ON TABLE FAILED CAROTID ENDARTERECTOMY: A FIVE YEARS FOLLOW-UP

Domenico Valenti (London, United Kingdom)

A PROTOCOL DEVELOPMENT STUDY INVESTIGATING THE USE OF HOUNSFIELD UNITS FROM CT ANGIOGRAMS IN PATIENTS PRESENTING WITH CRITICAL LIMB ISCHAEMIA

Emma Scott (Newcastle, United Kingdom)

AN ANALYSIS OF DEFORMATION - STIFFNESS CHARACTERISTICS OF GUIDEWIRES USED AT FENESTRATED ENDOVASCULAR REPAIR (FEVAR)

Arindam Chaudhuri (Bedford, United Kingdom)

**DOES SOCIAL MEDIA HAVE AN IMPACT FACTOR?** 

Kersten Morgan-Bates (Bedford, United Kingdom)

AN ANALYSIS OF FACTORS THAT PREDICT OUTCOMES FOLLOWING SURGICAL LOWER LIMB REVASCULARISATION

Asanish Kalyanasundaram (Cambridge, United Kingdom)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

### PP02\_8, Poster Presentations Session

ePOSTER PRESENTATIONS ROUND 2 - Screen 8

Chair: Gert J. de Borst (Netherlands)

EARLY EXPERIENCE WITH 18F-FLUORIDE POSITRON EMISSION TOMOGRAPHY- MAGNETIC RESONANCE IMAGING IN PATIENTS WITH SYMPTOMATIC CAROTID ARTERY STENOSIS UNDERGOING CAROTID ENDARTERECTOMY

Jakub Kaczynski (Edinburgh, United Kingdom)

SELECTIVE CONSERVATISM VS MANDATORY EXPLORATION - LESSONS FROM MANAGING TRAUMATIC VASCULAR INJURIES

Subba Kanchustambam (London, United Kingdom)

# MORTALITY AND CONTRALATERAL AMPUTATION RATES FOLLOWING AN INDEX MAJOR LOWER EXTREMITY AMPUTATION

Sara Rahma (Leeds, United Kingdom)

# EFFICACY OF THE INDIGO PENUMBRA SUCTION THROMBECTOMY SYSTEM IN THE TREATMENT OF ACUTE LOWER LIMB ISCHAEMIA - A SINGLE CENTRE EXPERIENCE

Chris T Francis (Chester, United Kingdom)

### ABDOMINAL AORTIC ANEURYSM REPAIR IN RENAL AND LIVER TRANSPLANT RECIPIENTS

Sobath Premaratne (Birmingham, United Kingdom)

#### UNDERSTANDING THE IMPACT OF FENESTRATED AORTIC REPAIR ON MEDIUM AND LONG-TERM RENAL FUNCTION; A UK TERTIARY CENTRE EXPERIENCE

Sandip Nandhra (Newcastle, United Kingdom)

#### QUANTIFYING THE EFFECT OF ANEMIA ON MAJOR LOWER LIMB AMPUTATION

Sandip Nandhra (Newcastle, United Kingdom)

# THE ROLE OF LOW CORE MUSCLE MASS IN SURVIVAL OF PATIENTS WITH ABDOMINAL AORTIC ANEURYSM: A PROGNOSTIC FACTOR REVIEW AND META-ANALYSIS OF TIME-TO-EVENT DATA

Maciej Juszczak (Birmingham, United Kingdom)

# LONG-TERM FOLLOW-UP OF MORTALITY AND LIMB FITTING FOLLOWING MAJOR LOWER LIMB AMPUTATION: A RETROSPECTIVE EVALUATION OF OUTCOMES IN A TERTIARY CENTRE

Helen Suttenwood (Dudley, United Kingdom)

# SIMULTANEOUS TREATMENT OF ACUTE PULMONARY EMBOLISM AND DEEP VENOUS THROMBOSIS. A PRELIMINARY MULTICENTRE EXPERIENCE

Massimo Pieraccini (Grosseto, Italy)

# VASCULAR NETWORK TRANSFER AUDIT: EVALUATION OF TRANSFER TIME TO THEATRE FOR DIABETIC PATIENTS REQUIRING EMERGENCY VASCULAR SURGERY IN HUB-ARTERIAL SITE

Shayan Shahidi (Birmingham, United Kingdom)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

#### PP02\_7, Poster Presentations Session

ePOSTER PRESENTATIONS ROUND 2 - Screen 7

Chair: Riikka Tulamo (Finland)

# HIBRYD SURGERY IN PATIENTS WITH TYPE-I AORTIC DISSECTION AFTER OPEN CARDIAC SURGERY

Omer Faruk Dogan (Adana, Turkey)

# 4-YEAR LONG OUTCOME WITH DRUG COATED BALLOONS FOR SFA LESIONS IN PATIENTS WITH CLI: COMPARISON WITH CONVENTIONAL BYPASS SURGERY

Onur Goksel (Istanbul, Turkey)

# MIDTERM RESULTS OF DVT TREATMENT: COMPARISON OF MEDICAL AND INTERVENTIONAL MODALITIES

Kamil Boyacıoğlu (İstanbul, Turkey)

THE MAIN ASPECTS OF DIAGNOSIS AND TREATMENT OF DIFFUSE CONGENITAL VASCULAR MALFORMATIONS OF LOWER EXTREMITIES: ARTERIOVENOUS FORMS WITH MICROFISTULAS, COMBINED FORMS AND VENOUS FORMS WITH DEEP VENOUS SYSTEM ANOMALIES

Larisa Chernukha (Kiev, Ukraine)

VACUUM-ASSISTED CLOSURE THERAPY VERSUS ALGINATE FOR SURGICAL SITE INFECTION AFTER VASCULAR SURGERY (SZILAGYI GRADE III)

Taras Vykhtyuk (Lviv, Ukraine)

EARLY VERSUS DEFERRED ENDOVENOUS SUPERFICIAL VENOUS TREATMENT IN PATIENTS WITH VARICOSE TROPHIC ULCERS

Olexandr Voloshyn (Zaporizhzhya, Ukraine)

HYPERPIGMENTATION AFTER SCLEROTHERAPY MANAGEMENT

Olexandr Voloshyn (Zaporizhia, Ukraine)

EXAMINATION OF THE EFFECT OF PERCUTANEOUS MECHANICAL THROMBECTOMY ON ACUTE KIDNEY FUNCTION, FOLLOWING INTERVENTION FOR ACUTE ILIOFEMORAL DEEP VENOUS THROMBOSIS

Anna Pouncey (London, United Kingdom)

ESVS GUIDELINES FOR EVAR SURVEILLANCE - DOES THE PROTOCOL WORK?

Jonathan Nicholls (Cheltenham, United Kingdom)

PROGNOSTIC REVIEW AND TIME-TO-EVENT DATA META-ANALYSIS OF LOW SKELETAL MUSCLE MASS IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE OF THE LOWER LIMBS UNDERGOING REVASCULARIZATION

Madeleine Sharpe (Manchester, United Kingdom)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

#### PP02 6, Poster Presentations Session

ePOSTER PRESENTATIONS ROUND 2 - Screen 6

Chair: Arindam Chaudhuri (Bedford, United Kingdom)

FEASIBILITY AND CLINICAL OUTCOME OF REBOA IN PATIENTS WITH IMPENDING TRAUMATIC CARDIAC ARREST

David McGreevy (Örebro, Sweden)

USEFULNESS OF 18F-FDG-PET/CT IN THERAPY CONTROL OF INFLAMMATORY AND MYCOTIC ANEURYSMS

Lars Husmann (Zürich, Switzerland)

REAL-TIME ULTRASOUND-GUIDED PUNCTURE OF SUBCLAVIAN VEIN FOR CHEMO-PORT IMPLANTATION

Mingli Li (Taichung, Taiwan, Province of China)

FALSE LUMEN THROMBOSIS AND AORTIC DIAMETER CHANGES IN 6 SEGMENTS OF AORTA FOLLOWING TEVAR PROCEDURE FOR ACUTE COMPLICATED TYPE B AORTIC DISSECTION

Yi-Chun Lin (Taichung, Taiwan, Province of China)

# IMPACTS OF DIFFERENT SURGEONS AND VENOUS OUTFLOW ON 3-YEAR PRIMARY AND SECONDARY PATENCY RATE OF FOREARM LOOP ARTERIOVENOUS GRAFTS

Chiao-Hsin Kung (Kaohsiung, Taiwan, Province of China)

FOUR-YEAR DUPLEX ULTRASOUND FOLLOW-UP OF TRUNK INCOMPETENT SAPHENOUS VEINS TREATED WITH HIGH LIGATION AND REVERSED CATHETER-DIRECTED FOAM SCLEROTHERAPY Wen-Cheng Yang (Taichung, Taiwan, Province of China)

# A LEVEL 1 TRAUMA CENTER EXPERIENCE: IS ENDOVASCULAR REPAIR ALL GOOD FOR BLUNT TRAUMATIC AORTIC INJURY?

Mingli Li (Taichung, Taiwan, Province of China)

# SURGICAL TREATMENT OF VERTEBRAL ARTERY STENOSIS: AN OVERLOOKED SURGERY WITH LOW MORBIDITY

Adil Polat (İstanbul, Turkey)

# **AUTOLOGOUS SAPHENOUS VEIN PANEL GRAFT TREATMENT IN VASCULAR DISEASES** Kamil Boyacıoğlu (İstanbul, Turkey)

# CHRONIC POSTURAL ARTERIAL COMPRESSION BY CERVICAL RIB AT THE THORACIC OUTLET: A CASE REPORT

Uğur Bengisun (Ankara, Turkey)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

#### PP02 5, Poster Presentations Session

ePOSTER PRESENTATIONS ROUND 2 - Screen 5

Chair: Melina Vega de Ceniga (Galdakao, Spain)

# ANALYSIS OF RENAL FUNCTION AFTER PARTIAL OSTIUM COVERAGE WITH SUPRARENAL FIXATION EVAR

Gergana T. Taneva (Madrid, Spain)

COMPARATIVE STUDY BETWEEN DUAL ANTIPLATELET THERAPY AND CONTINUOUS HEPARIN INFUSION DURING THE FIRST 24 HOURS AFTER AN ENDOVASCULAR PROCEDURE IN CRITICAL LIMB ISCHEMIA

Malka Huici Sanchez (Barcelona, Spain)

# CARDIOVASCULAR RISK FACTORS ASSOCIATED WITH PERIPHERAL ARTERIAL DISEASE IN A MEDITERRANEAN POPULATION

Gabriela Goncalves Martins (Barcelona, Spain)

# DEVICE CONFORMABILITY AFTER THORACIC ENDOVASCULAR AORTIC REPAIR: A SINGLE-CENTRE EXPERIENCE

Carlota Fernandez Prendes (Oviedo, Spain)

# PRELIMINARY RESULTS OF THE EVAR 30-D SACVA REGISTRY. THE FIRST AND LARGEST MULTICENTRIC REGISTRY IN SOUTHERN SPAIN OF EVAR FOR ABDOMINAL AORTIC ANEURYSMS

Fernando Gallardo (Marbella, Spain)

PTFEE COVERED STENTS IN FAILING HEMODIALYSIS SHUNTS: A SINGLE CENTRE EXPERIENCE | avier Peinado Cebrián (Toledo, Spain)

CLIMATIC INFLUENCE ON THE RISK OF ABDOMINAL AORTIC ANEURYSM RUPTURE

Gaspar Mestres (Barcelona, Spain)

OUTCOMES AFTER FENESTRATED AND BRANCHED ENDOGRAFTS FOR JUXTARENAL, PARARENAL, AND THORACO-ABDOMINAL AORTIC ANEURYSM REPAIR: 1-YEAR FOLLOW-UP Teresa Solanich (Sabadell, Spain)

OUTCOMES OF INFRAINGUINAL BYPASS PROCEDURES IN DIABETIC PATIENTS WITH ISCHAEMIC FOOT ULCERS: A SRI LANKAN EXPERIENCE IN LIMB SALVAGE

Buddhima Jayawickrama (Colombo, Sri Lanka)

LIMB SALVAGE IN LOWER EXTREMITY ARTERIAL DISEASE: EXPERIENCE FROM A TERTIARY CENTRE

Vinojan Satchithanantham (Colombo, Sri Lanka)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

#### **PP02 4, Poster Presentations Session**

ePOSTER PRESENTATIONS ROUND 2 - Screen 4

: Chair: Nabil Chakfé (France)

ASSESSMENT OF COAGULATION PARAMETERS AS POTENTIAL MARKERS FOR VENOUS THROMBOEMBOLISM IN PATIENTS WITH CARDIAC IMPLANTABLE ELECTRONIC DEVICES

Roman Kalinin (Ryazan, Russian Federation)

COMPUTED ANGIOGRAPHY IN ASSESSMENT OF CRITICAL OCCLUSIVE CAROTID DISEASE - ABILITY TO OBSERVE DIFFERENT TYPES OF PATHOLOGY: CRITICAL STENOSIS, NEAR-OCCLUSION AND LOCAL OCCLUSION WITH DISTAL COLLATERAL SUPPLY THROUGH ATYPICAL ASCENDING PHARYNGEAL ARTERY

Marina Vishnyakova (Moscow, Russian Federation)

MODIFIED METHOD OF EVERSION CAROTID ENDARTERECTOMY IN PATIENTS WITH EXTENSIVE ATHEROSCLEROTIC DISEASE OF CAROTID BIFURCATION: SHORT-TERM RESULTS

Vladislav Panfilov (Moscow, Russian Federation)

SURGICAL TREATMENT OF PATIENTS WITH LESIONS OF THE AORTO-ILIAC SEGMENT USING MINI-LAPARATOMIC ACCESS

Amro Saleh (Moscow, Russian Federation)

FIRST EXPERIENCE OF USING "SWIFT" RADIAL FIBRES FOR ENDOVENOUS LASER ABLATION - A PREMARKETING STUDY

Hovsep Manjikian (Moscow, Russian Federation)

PECULIARITIES OF METABOLIC DEVIATIONS IN WOMEN WITH PERIPHERAL ARTERIAL DISEASE
Anastasia Artemova (Saint Petersburg, Russian Federation)

GENDER FEATURES OF THE COURSE OF ATHEROSCLEROTIC LESION OF CAROTID ARTERIES

Anastasia Artemova (Saint Petersburg, Russian Federation)

ANTICOAGULANT THERAPY AND CATHETER-DIRECTED THROMBOLYSIS: EFFECT ON THE SEVERITY OF POSTTHROMBOTIC SYNDROME IN THE LONG TERM IN PATIENTS WITH DEEP VEIN THROMBOSIS OF THE LOWER LIMBS

Kirill Fomin (Saint-Petersburg, Russian Federation)

#### 35 YEAR EXPERIENCE PATIENTS' TREATMENT FOR TAKAYASU ARTERITIS

Vladimir Kulbak (Moscow, Russian Federation)

INFLUENCE OF INTRAOPERATIVE INTRA-ARTERIAL THROMBOLYSIS ON LONG-TERM CLINICAL OUTCOMES IN PATIENTS WITH ACUTE POPLITEAL ARTERY ANEURYSM THROMBOSIS

Petar Zlatanovic (Belgrade, Serbia)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

#### **PP02 3, Poster Presentations Session**

ePOSTER PRESENTATIONS ROUND 2 - Screen 3

Chair: Martin Björck (Sweden)

# THE ENDOREVOLUTION - GOING FURTHER IN ENDOVASCULAR TECHNIQUES DEDICATED TO NEUROISCHEMIC DIABETIC FOOT

Rita Augusto (Vila Nova de Gaia, Portugal)

# SURGERY AND THROMBOLYSIS FOR MANAGEMENT OF ACUTE LIMB ISCHAEMIA. A COST-BENEFIT ANALYSIS

Gabriela Teixeira (Porto, Portugal)

#### **OUTCOME OF LOWER LIMB MAJOR AMPUTATIONS: A RETROSPECTIVE STUDY**

Henrique Guedes da Rocha (Porto, Portugal)

# ANALYSIS OF LONG-TERM ORAL ANTICOAGULATION AND RELATION TO RECURRENCE OF ACUTE LIMB ISCHEMIA AFTER URGENT UPPER LIMB EMBOLECTOMY: A 5-YEAR EVALUATION

Joana Cruz Silva (Coimbra, Portugal)

# LONG-TERM FUNCTIONING ANEURYSMAL FREE TISSUE-ENGINEERED VASCULAR GRAFT BASED ON COMPOSITE BI-LAYERED (PLLA/FPL) SCAFFOLD

Guriy Popov (Saint-Petersburg, Russian Federation)

# ENDOVENOUS LASER ABLATION OF GREAT AND SMALL SAPHENOUS VEINS WITH 1470 NM DIODE LASER AND RADIAL SLIM FIBRES

Hovsep Manjikian (Moscow, Russian Federation)

#### PREDICTORS OF COMPLICATIONS IN NECK PARAGANGLIOMA SURGERY

Alexander Golovyuk (Moscow, Russian Federation)

#### NEW TECHNIQUES IN DIAGNOSIS OF VISCERAL AND RENAL ARTERIES DISEASES

Ainur Askerova (Moscow, Russian Federation)

## INTRAVASCULAR VISUALIZATION IN CAROTID ARTERY STENOSIS TREATMENT: ONE-CENTRE EXPERIENCE

Nikolai Zherdev (Saint Petersburg, Russian Federation)

# THE INFLUENCE OF VARIED TECHNIQUES OF CAROTID ENDARTERECTOMY ON INCIDENCE OF POSTOPERATIVE COMPLICATIONS

Konstantin Andreichuk (Saint-Petersburg, Russian Federation)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

#### PP02 2, Poster Presentations Session

ePOSTER PRESENTATIONS ROUND 2 - Screen 2

Chair: Sergi Bellmunt (Spain)

OUTCOMES AFTER PRIMARY ARTERIO-VENOUS FISTULA FORMATION FOR HAEMODIALYSIS ACCESS IN END STAGE RENAL DISEASE: FOUR YEAR FOLLOW-UP OF PATIENTS AT A SINGLE CENTRE IN NEW ZEALAND. SHOULD WE BE PRIORITISING SUCCESS OVER VEIN CONSERVATION IN A POPULATION WITH SHORT LIFE EXPECTANCY?

Tara Linton (Auckland, New Zealand)

**COLT - A BRANCHED DEVICE FOR THORACOABDOMINAL AORTIC ANEURYSM TREATMENT**Piotr Szopinski (Warsaw, Poland)

LATE OPEN CONVERSION AFTER FAILED EVAR: TREATMENT AND RESULTS - A SERIES OF THIRTY CASES

Piotr Szopinski (Warsaw, Poland)

LONG-TERM RESULTS OF ENDOVASCULAR ANEURYSM SEALING IN TREATMENT OF INFRARENAL ABDOMINAL AORTIC ANEURYSM WITH UNFAVOURABLE MORPHOLOGY

Łukasz Dzieciuchowicz (Poznań, Poland)

TRANSCUTANEOUS OXIMETRY (TCPO2) EVALUATION FOR THE ASSESSMENT OF THE LOWER LIMB REVASCULARIZATION RESULTS, IN RELATION TO THE ANGIOSOME THEORY

Maciej Zielinski (Poznan, Poland)

PREVALENCE AND PREDICTIVE VALUE OF THE THROMBIN-ANTITHROMBIN COMPLEX LEVELS IN PATIENTS WITH ABDOMINAL AORTIC ANEURYSM AND PERIPHERAL ARTERIAL DISEASE UNDERGOING ENDOVASCULAR INTERVENTIONS

Michal Juszynski (Warsaw, Poland)

INITIAL EXPERIENCE WITH THE BEGRAFT BALLOON EXPANDABLE COVERED STENT FOR ENDOVASCULAR TREATMENT OF PENETRATING ABDOMINAL AORTIC OR ILIAC ARTERY ULCER

Łukasz Kruszyna (Poznan, Poland)

ENDOVASCULAR TREATMENT OF THORACO-ABDOMINAL ANEURYSMS IN PATIENTS WITH AORTIC DISSECTION

Tomasz Jakimowicz (Warsaw, Poland)

RESULTS OF THE COVERED ENDOVASCULAR REPAIR OF THE AORTIC BIFURCATION (CERAB) TECHNIQUE WITH BEGRAFT BALLOON EXPANDABLE COVERED STENT FOR ENDOVASCULAR TREATMENT OF COMPLEX AORTOILIAC LESIONS

Łukasz Kruszyna (Poznań, Poland)

PRE-OPERATIVE ANEMIA AS A PREDICTIVE MORBIDITY OUTCOME: A RETROSPECTIVE ANALYSIS OF A VASCULAR SURGERY DEPARTMENT

Ana Carolina Semiao (Porto, Portugal)

Poster Presentations 13:00 - 14:00

Hall 4, Exhibition + Poster Area

#### **PP02 1, Poster Presentations Session**

ePOSTER PRESENTATIONS ROUND 2 - Screen 1

:

Chair: Stavros Kakkos (Patras, Greece)

# CHRONOLOGY AND OUTCOMES OF SECONDARY PROCEDURES AFTER ENDOVASCULAR REPAIR OF INFRARENAL ABDOMINAL AORTIC ANEURYSMS

Julien Chikande (Nice, France)

# MICROEMBOLI AFTER CAROTID ENDARTERECTOMY: DATA FROM 1062 PATIENTS FROM TWO CENTERS

Werner Mess (Maastricht, Netherlands)

#### **VOLUMETRIC ASSESSMENT OF EXTRACRANIAL CAROTID ARTERY ANEURYSMS**

Constance JHCM van Laarhoven (Utrecht, Netherlands)

# WHICH SPECIALTY SHOULD PERFORM CAROTID ENDARTERECTOMY AND CAROTID ARTERY STENTING?

Michiel Poorthuis (Oxford, United Kingdom)

# NEGATIVE PRESSURE WOUND THERAPY (PICO) AS A MEANS TO DECREASE SURGICAL SITE INFECTION

Otmar Wikkeling (Drachten, Netherlands)

# FIRST-IN-HUMAN RESULTS OF ULTRASOUND VELOCIMETRY FOR VISUALIZATION OF BLOOD FLOW PATTERNS IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE

Stefan Engelhard (Arnhem, Netherlands)

# SYSTEMATIC REVIEW AND META-ANALYSIS ON THE MANAGEMENT OF OPEN ABDOMINAL AORTIC GRAFT INFECTIONS

Ivo Post (Amsterdam, Netherlands)

# **EVAR GUIDELINES SHOULD BE BASED ON RECENT RESULTS OF MODERN EVAR STENTGRAFTS**Pieter B Salemans (Zwolle, Netherlands)

# POST IMPLANT SYNDROME INFLUENCES LONG-TERM CARDIOVASCULAR PROGNOSIS AFTER EVAR

Rita Soares Ferreira (Rotterdam, Netherlands)

#### ONE STEP AT A TIME - IMPROVING SURGICAL TEACHING AND TRAINING

Sarah Lesche (Dunedin, New Zealand)

Industry Lunch Symposium 13:10 - 14:00

Hall 4, Room 2

#### **IL2, Industry Lunch Symposium**

Chair: Rupert Bauersachs (Darmstadt, Germany)

#### **Welcome and Introduction**

13:10 - 13:25

Rupert Bauersachs (Darmstadt, Germany)

Clinical Cases	13:25 - 13:40
Sebastian Debus (Germany) Henrik Sillesen (Denmark)	
Discussion: Clinical cases in the context of the COMPASS data and availability of the DPI regimen	13:40 - 13:55
Sebastian Debus (Germany) Henrik Sillesen (Denmark) Rupert Bauersachs (Darmstadt, Germany)	
Concluding Remarks and Close	13:55 - 14:00

Endovascular Track 13:30 - 15:45

Hall 3, Room 1

### W49, Endovascular Toolkit in PAD (advanced)

Residents and consultants are often daunted by the wide array of endovascular kit required to perform complex endovascular procedures. This workshop aims to introduce candidates to the wide range of endovascular tools (incl. wires, balloons, stents, supportive catheters...) required for complex peripheral interventions and familiarise them in a friendly, hands-on environment, with the opportunity to ask any question about endovascular tools to the expert faculty.

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Lead convenor: Chris Twine (United Kingdom) Co-convenor: Konstantinos Stavroulakis (Greece) Co-convenor: Ashish Patel (United Kingdom) Co-convenor: James McCaslin (United Kingdom) Co-convenor: Hany Zayed (United Kingdom)

Endovascular Track 13:45 - 15:45

Hall 3, Room 2

### W50, Hostile Neck Off-the-Shelf Solutions: ChEVAR and ESAR

This advanced workshop will focus on the management of challenging necks during EVAR. It will discuss the indications of CH-EVAR and endoanchors in primary interventions. This will largely be based on interactive case discussions immediately followed by a carrousel of hands-on training focusing on the toolkit needed, how to use the endoanchors and procedural steps of CH-EVAR.

:

Lead convenor: Frederico Bastos Gonçalves (Portugal)

Co-convenor: Jean Paul de Vries (Netherlands) Co-convenor: Konstantinos Donas (Germany) Co-convenor: Colin Bicknell (United Kingdom)

Endovascular Track 13:45 - 15:45

Hall 3, Room 3

### W51, Interactive Case Discussions on Challenging anatomy in EVAR

This interactive roundtable is a workshop that focusses on dealing with challenging anatomy, troubleshooting during initial EVAR procedure or in solving long-term complications post-EVAR.

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Lead convenor: Bijan Modarai (United Kingdom) Co-convenor: Anna Prent (United Kingdom) Co-convenor: Adrien Hertault (France) Co-convenor: Barend Mees (Netherlands)

HR Track 13:45 - 15:45

Hall 3, Room 4

### W52, How to Promote Yourself in an Application??

In every career you will reach a point where you apply for a new position. The job interview will be a crucial step and possibly determine whether you get the position or not. How to promote yourself in an application is therefore of utmost importance. How can you emphasize your strength and avoid your weak points?

A personnel consultant and headhunter specialized in identification and search of qualified personnel for Life Sciences, Pharma Industry and Biotechnology (Nicole Eigner, Partner at Transformation Partner Executive Search) and a Human resources consultant and certified career counsellor with more than 20 years of multinational experience across a broad range of industries and functions and a successful track record in various aspects of human capital management (Kerstin Wadehn, Head of Karrieretextur) are leading this workshop.

This workshop will provide useful tips and tricks on your performance in an application and give insights in backround information on hiring processes.

Who we are...

And now it's your turn: Who are you and what do you expect from the workshop?

<ol> <li><ol> <li>1.</li> <li>a.</li>  •a.</ol></li></ol>	Career Navigator: Follow your inner compass <ol> Career design and action planning</ol>
<b>□•</b> b.	Career development options
<b>□•</b> C.	The search before the search
□•d.	The decision making process
□•2. □•a.	Résumé Design: How to create a compelling CV <ol> Buying motivators</ol>
<b>□•</b> b.	Types of résumés
<b>□•</b> C.	Design and categories
□•d.	Tips and hints
□•3. □•a.	Elevator Pitch: How to convince in 60 seconds <ol>     Definition and purpose</ol>
<b>□•</b> b.	Design (AIDA and The Journalist's Way)
<b>□•</b> C.	Tips and hints
□•4. □•a.	How to "sell" yourself <ol> Purpose of the job interview (employer - employee)</ol>
□•b. Page 58 □•c.	Looking at yourself as a "product" / 75 Preparation
 □•5.	The "real" life: Ways to find the (new) position <ol></ol>

Academic Track 13:45 - 15:45

Hall 3, Room 5

# W53, Statistics for Clinical Research ( Suggested if you plan to take the FEBVS exam)

The workshop will provide an overview of the most commonly used statistical methods in clinical studies such as randomized controlled trials and cohort studies and will cover the application of these methods in the freely available R statistical environment.

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Lead convenor: Graeme Ambler (United Kingdom) Co-convenor: Mahim Qureshi (United Kingdom)

Honorary Lectures 14:00 - 14:30

Hall 4, Room 1

### **HL2, Nicolai Volodos Honorary Lecture**

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Invited Speaker: Krassi Ivancev (Hamburg, Germany)

Nurses & Sonographers 14:00 - 16:00

Hall 4, Room 3

### EVNS08, ESVS/ EVNS Joint Session: Diabetes Foot Ulcer

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Chair: Mari Murumets (United Kingdom) Chair: Holger Diener (Germany) Chair: Sebastian Debus (Germany)

Patients narrative story	14:00 - 14:15
Vascular surgeon perspective Holger Diener (Germany)	14:15 - 14:35
<b>Diabetes nurse specialist perspective</b> Magdalena Gershater (Sweden)	14:35 - 14:55
Podiatrist perspective Paul Chadwick (United Kingdom)	14:55 - 15:15
Sonographer perspective Fabrizio D'Abate (United Kingdom)	15:15 - 15:35
Information about the ESVS Guideline work and plans for a diabetic foot ulcers guideline	15:35 - 16:00
Sebastian Debus (Germany)	

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Open Procedures Track 14:00 - 16:00

Hall 3, Room 6

#### W54, Open Advanced AV Fistula

This is a hands-on workshop demonstrating advanced surgical techniques for dialysis access. Participants will practice techniques on models and will be taught tips and tricks. Techniques for proximal radiocephal, Graz, and transposed brachiobasilic fistula will be covered.

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Co-convenor: Ulf Hedin (Sweden)

Co-convenor: Francesca Fratesi (United Kingdom)

Co-convenor: Mirko Menegolo (Italy)

Co-convenor: Johnny Baumann Olsen (Denmark)

Co-convenor: Joy Roy (Sweden)

Venous Track 14:00 - 16:00

Hall 3, Room 7

### W55, How to Optimize your Outcomes for Stenting in the Deep Venous System

During this 2-hour workshop, participants will discuss with the conveners about the various factors influencing the outcomes of a deep venous stenting procedure. Aspects such as decision-making and planning, intra-operative imaging, stent-technologies and the procedural steps will be looked at.

Interactive presentations, discussions and hands-on-parts will allow to gain good insight into the best practice for stenting in the deep venous system.

:

Lead convenor: Stephen Black (United Kingdom) Co-convenor: Marta Ramírez Ortega (Spain) Co-convenor: Mert Dumantepe (Turkey)

Imaging Track 14:00 - 18:00

Hall 3, Room 8

#### ESVS-Certification of Competences in Vascular Ultrasound (CCVUS)-Basic Level

Ultrasound has been widely implemented as an important tool in the diagnostic armamentarium of vascular clinics across Europe. The ESVS Academy has been organising basic and advanced hands-on workshops. Therefore, the ESVS Academy has proposed a certification system to warrant those individuals who meet the minimum requirements to perform basic vascular ultrasound based on the curriculum of the ESVS-workshops in Barcelona and Copenhagen.

The aim of the Certificate of Competences in Vascular Ultrasound (CCVUS) is to certify the holder with the knowledge and practical skills to perform high-quality ultrasound examinations of arteries and veins.

Eligibility:

To apply for the CCVUS you must fulfil the following criteria:

□•Be in possession of an active certification or license in a health-related field (physician, nurse or technician).

Present a statement signed by the Director of the Vascular Lab or Head of Department of Vascular Surgery or Radiology stating that you have performed more than 100 supervised exams equally distributed among carotid arteries, venous and arterial lower extremity and aorta

□•Having performed the minimum number of examinations does not guarantee passing the exam

Note: We kindly request the applicants for the ESVS-Certification of Competences in Vascular Ultrasound (CCVUS) to send all the required documentation to <a href="mailto:info@esvs.org">info@esvs.org</a>

Examination:

The first-time certification process will take place on Thursday 26 September during the Annual meeting of the ESVS in Hamburg.

It will consist of two parts:

□•Second, during a practical exam, candidates will have to demonstrate their practical skills when performing two to three vascular ultrasound examinations that will be evaluated by examiners according to a standardized evaluation form (app 10-15 minutes)

Examination Fee: 100€ (+VAT)

Maximum number of candidates: 24

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Examiner: Ramon Vila (Spain) Examiner: Jonas Eiberg (Denmark)

Examiner: Filipe Fernandes (United Kingdom) Examiner: Steven Rogers (United Kingdom) Examiner: José Ignacio Leal (Spain) Examiner: Martin Lawaetz (Denmark)

Examiner: Martin Lawaetz (Denmark)
Examiner: Lise Westerlin (Denmark)

Symposia 14:30 - 16:30

Hall 4, Room 1

### S11, Global Vascular Guidelines on the Management of Chronic Limb Threatening Ischemia (CLTI) and ESVS Guidelines on the Management of Vascular Graft and Stent Graft Infections (VGI)

Chair: Philippe Kolh (Belgium) Chair: Nabil Chakfé (France) Chair: Joseph Mills (United States) Chair: Igor Koncar (Serbia)

Global Vascular Guidelines on CLTI: Introduction - Guideline Process, Rationale and Scope Philippe Kolh (Belgium)	14:30 - 14:40
<b>Definitions, target population and diagnosis</b> Andrew Bradbury (United Kingdom)	14:40 - 14:55
Global Anatomy Staging System (GLASS) for CLTI Joseph Mills (United States)	14:55 - 15:10
Examples - discussion John White (United States)	15:10 - 15:30
ESVS Guidelines on VGI: Introduction and scope Nabil Chakfé (France)	15:30 - 15:35

**Diagnosis** 15:35 - 15:45 Ben R. Saleem (Netherlands) 15:45 - 15:57 Thoraco-abdominal and supra-aortic trunks infections Frank Vermassen (Belgium)

Abdominal and peripheral infections 15:57 - 16:10 Xavier Bérard (France)

Patient perspectives and unsolved questions 16:10 - 16:20

Holger Diener (Germany)

**Panel discussion** 16:20 - 16:30

Scientific Sessions 14:30 - 16:00

Hall 4, Room 2

### SS05, SCIENTIFIC SESSION 05 - Venous Diseases

Each Plenary Scientific Session is focused on one specific domain of vascular surgery and comprises of very best of science in vascular care. Indeed, authors of the highest rated abstracts presented during the Fast-Track Presentations sessions will be scheduled to present in the Plenary Scientific Session corresponding to their field of research. The complete programme of the plenary scientific sessions is therefore only known and announced on the 2nd day of the Annual Meeting.

Chair: Enric Roche (Spain)

Chair: Athanasios Giannoukas (Greece)

Invited Speaker: Stavros Kakkos (Patras, Greece)

Keynote Lecture Stavros Kakkos (Patras, Greece)	14:30 - 14:40
A RANDOMISED CONTROLLED CLINICAL TRIAL COMPARING THE EFFECTIVENESS OF BANDAGING COMPARED TO THE JUXTA CURESTM DEVICE IN THE MANAGEMENT OF PEOPLE WITH VENOUS ULCERATION: FEASIBILITY STUDY  Philip Stather (Colchester, United Kingdom)	14:40 - 14:50
A RANDOMIZED CLINICAL STUDY OF RADIOFREQUENCY ABLATION VERSUS 1470NM LASER FOR GREAT SAPHENOUS VEIN REFLUX	14:50 - 15:00
Athanasios Giannoukas (Greece)	
CLASSIFICATION OF FACTORS ASSOCIATED WITH STENOSIS, RE- OCCLUSION AND SUBSEQUENT RE-INTERVENTION, FOLLOWING DEEP VENOUS STENTING FOR ACUTE ILIOFEMORAL DEEP VENOUS THROMBOSIS	15:00 - 15:10
Anna Pouncey (London, United Kingdom)	
COST UTILITY ANALYSIS OF TREATMENT MODALITIES FOR ILIOFEMORAL DEEP VENOUS THROMBOSIS: ORAL ANTICOAGULATION VS. CATHETER DIRECTED THROMBOLYSIS AND PHARMACOMECHANICAL THROMBECTOMY	15:10 - 15:20
Anna Pouncey (London, United Kingdom)	
EARLY RESULTS OF A RANDOMISED CLINICAL TRIAL OF MECHANOCHEMICAL ABLATION VERSUS CYANOACRYLATE ADHESIVE FOR THE TREATMENT OF VARICOSE VEINS (MOCCA)	15:20 - 15:30
Amjad Belramman (London, United Kingdom)	
MANAGEMENT AND OUTCOMES OF PATIENTS WITH SUPERFICIAL VEIN THROMBOSIS UNDER REAL-LIFE CONDITIONS IN GERMANY (INSIGHTS-SVT)	15:30 - 15:40
Rupert Bauersachs (Darmstadt, Germany)	
OBTURATOR HOOK SIGN AS A MARKER OF CHRONIC ILIOFEMORAL VENOUS OUTFLOW OBSTRUCTION IN COMPUTED TOMOGRAPHY VENOGRAPHY - MULTICENTRIC EVALUATION OF INCIDENCE AND CLINICAL SIGNIFICANCE	15:40 - 15:50
Andreia Coelho (Vila Nova de Gaia, Portugal)	
TRANSLATION AND VALIDATION OF THE SWEDISH VENOUS HEALTH QUESTIONNAIRE IN PATIENTS WITH VENOUS INSUFFICIENCY	15:50 - 16:00
Helen Sinabulya (Stockholm, Sweden)	

Coffee Break 16:00 - 16:30

Hall 4, Exhibition + Poster Area

### **Coffee Break**

Nurses & Sonographers 16:15 - 17:00

Hall 4, Room 3

16:15 - 16:35

#### **EVNS09, Surgical Site Infections**

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Chair: Margit Roed (Denmark) Chair: Christine Kumlien (Sweden)

Prevention of surgical site infections-Experiences from Sweden

Christina Monsen (Sweden)

Surgical site infections 16:35 - 16:55

Katrin Baade (Germany)

Concluding remarks 16:55 - 17:00

Endovascular Track 16:15 - 18:15

Hall 3, Room 1

### W56, Endovascular Treatment BTK Step by Step

This 2-hour workshop will focus on the management of below-the-knee atherosclerotic disease.

A step by step approach will be used including importance of imaging, toolkit knowledge (guidewires, support catheters) and planning before discussing the treatment itself.

Access options (antegrade or up and over) including bail out strategies (pedal, collateral, plantar loop) will be presented. The value of single or multiple vessel approach, subintimal or luminal approach and vessel dilatation techniques will be discussed.

This course is based on case discussions but various hands-on opportunities will be integrated.

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Lead convenor: Nuno Dias (Sweden)

Co-convenor: Ashish Patel (United Kingdom) Co-convenor: Teresa Martin Gonzalez (France) Co-convenor: Adrien Hertault (France)

Endovascular Track 16:15 - 18:15

Hall 3, Room 2

#### W57, Endovascular Closure Devices

A Romp through contemporary practice using vascular closure devices for small and large vessel closure. Hands on training supervised by our expert faculty with FOUR stations focused on all the mainstream manufacturers

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Lead convenor: Simon Neequaye (United Kingdom) Co-convenor: Javier Peinado Cebrián (Spain) Co-convenor: Fernando Gallardo (Spain) Co-convenor: Gioele Simonte (Italy) Co-convenor: Natalia Moradillo (Spain)

Endovascular Track 16:15 - 18:15

Hall 3, Room 3

### W58, Interactive Case Discussions on Surveillance post-EVAR

During this 2-hour interactive case discussions, the convenor will, based on case examples, explain the follow- up principles in patients post-EVAR (ESVS guidelines), what imaging modalities should be used to identify problems, how to interpret the findings and when to intervene.

:

Lead convenor: Frederico Bastos Gonçalves (Portugal) Lead convenor: Hence Verhagen (Netherlands)

Co-convenor: Andrea Kahlberg (Italy) Co-convenor: Tina Cohnert (Austria) Co-convenor: Elena Iborra (Spain)

Vascular Medicine Track 16:15 - 17:45

Hall 3, Room 4

# W59, Interactive Case Discussions on Cardiovascular Disease Risk Assessment and Prevention

After decades of progress in understanding cardiovascular disease and improved cardiovascular prevention, adaptation of actual knowledge within the management of the poly-vascular patient remains a significant issue to optimize health care. Observational studies have identified major risk factors and lead to the development of a number of risk assessment systems now in use. However a significant numbers of recurrent cardiovascular events continue to occur even after aggressive secondary prevention and not all vascular patients receive best medical treatment. Further, prevention may rely on improved patient-centered risk stratification using biomarkers and imaging techniques. Workshop Cardiovascular disease risk assessment and prevention will focus on how to assess your individual patient risk and develop patient-tailored therapy strategies.

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Lead convenor: Sebastian Debus (Germany) Co-convenor: Vincent Jongkind (Netherlands)

Academic Track 16:15 - 18:15

Hall 3, Room 5

### W60, How to Write a Paper from Scratch

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Lead convenor: Tristan Lane (United Kingdom) Co-convenor: Mahim Qureshi (United Kingdom)

Symposia 16:30 - 18:30

Hall 4, Room 2

### S12, Hybrid Rooms/ Hybrid Procedures in Vascular Surgery

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Chair: Stephan Haulon (France)

Chair: Maarit Venermo (Helsinki, Finland)

How to plan a functioning hybrid suite, 20 years of lessons learned Adrien Hertault (France)	16:30 - 16:45
Presentation 1: What is the best we can offer for a vascular hybrid room?	16:45 - 16:52
France Schwarz (France)	
Innovations at the Forefront: A Glance at the Future of Image-Guided Therapy	16:52 - 16:59
Bart Carelsen (Netherlands)	
Presentation 3: What is the best we can offer for a vascular hybrid room? Maik Bittner (Germany)	16:59 - 17:06
Radiation safety in the hybrid theatre Pekka Aho (Finland)	17:06 - 17:21
Hybrid for supra-aortic problems Zoran Rancic (Switzerland)	17:21 - 17:36
Hybrid procedures for acute mesenterial ischemia Anders Wanhainen (Sweden)	17:36 - 17:51
Aorto-iliac hybrid procedures/CERAB Pekka Aho (Finland)	17:51 - 18:06
The role of hybrid theatre in trauma management Tal M. Hörer (Sweden)	18:06 - 18:21

Open Procedures Track 16:30 - 18:30

Hall 3, Room 6

### W61, Open Advanced AAA Repair

This is a hands-on workshop demonstrating more advanced open surgical techniques for AAA. Juxta- and intrarenal aortic repair, including renal artery anastomosis, stabilization of sutures in patients with weak aortic tissue or dissection and difficult iliac anastomosis will be demonstrated and practiced. Participants will have time to practice these suture techniques on models and will be supervised by experienced surgeons.

Lead convenor: Sabine Wipper (Germany)
Co-convenor: Arjan Hoksbergen (Netherlands)
Co-convenor: Francesca Fratesi (United Kingdom)

Co-convenor: Mirko Menegolo (Italy)

33rd ESVS Annual Meeting, 24 - 27 September 2019, Hamburg, Germany

### **ESVS 33rd Annual Meeting Programme**

Miscellaneous Track 16:30 - 18:30

Hall 3, Room 7

# W62, Is completion control needed in vascular surgery? How can intraoperative TTFM and ultrasound make a difference?

- 1. Short presentation of MiraQ and TTFM & Imaging technology
- 2. Case studies demonstrating clinical benefits in AV-Access, CEA and distal bypass surgery.
- 3. Hands-on training with workstations (swap team:

Station 1: TTFM with a flow simulator. Flow measurement with simulation of stenosis, etc., probe fit and how this can influence the result. Learn about the different parameters, PI, mean flow, ACI.

Station 2: Imaging. Will image small vessels in hand, choose correct setting, etc.

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Lead convenor: Anders Albäck (Finland) Co-convenor: Pirkka Vikatmaa (Finland) Co-convenor: Alexander Meyer (Germany)

## Friday, 27. September 2019

Sympo 08:00	osia - 09:00	Hall 4, Room 1
S13,	ESVS/EVF Joint Session - Acute Vein Thrombosis Guidelines	
Chair:	Stavros Kakkos (Patras, Greece) Athanasios Giannoukas (Greece) Manjit Gohel (United Kingdom)	
	Background and introduction to guidelines  Manjit Gohel (United Kingdom)	08:00 - 08:05
	Treatment of provoked & unprovoked DVT with anticoagulation Rupert Bauersachs (Darmstadt, Germany)	08:05 - 08:13
	IVC filters and early thrombus removal/stenting for iliofemoral DVT Stephen Black (United Kingdom)	08:13 - 08:21
	Compression therapy for DVT Arina ten-Cate (Netherlands)	08:21 - 08:29
	Calf vein thrombosis & superficial vein thrombosis Stavros Kakkos (Patras, Greece)	08:29 - 08:37
	Upper extremity DVT Manjit Gohel (United Kingdom)	08:37 - 08:42
	Thrombophilia testing and DVT in patients with thrombophilia Ismail Elalamy (France)	08:42 - 08:50
	Discussion	08:50 - 09:00
Sympo 08:00	osia - 10:00	Hall 4, Room 2
S14,	Interactive Session with Cases	
<b>:</b> Chair:	Maarit Venermo (Helsinki, Finland)	
	COVERED STENT GRAFT FOR RELINING OF OCCLUDED FEMORO-POPLITEAL BYPASS	08:00 - 08:12
	Anna M.J. van Nistelrooij (Delft, Netherlands)	
	ENDOVASCULAR REPAIR OF A COMPLICATED ACUTE TYPE B AORTIC DISSECTION USING A COMBINATION OF THE STABILISE AND CERAB TECHNIQUES	08:12 - 08:24
	Ryan Melo (Lisbon, Portugal)	

STAGED PHARMACOLOGICAL AND SURGICAL TREATMENT OF PULMONARY EMBOLISM AND PARADOXICAL EMBOLISM IN PATIENT WITH ACUTE DEEP VEIN THROMBOSIS OF THE LOWER EXTREMITY  Aleksei Kebriakov (St. Petersburg, Russian Federation)	08:24 - 08:36
RESULTS OF PROVIDING ANGIOSURGICAL CARE OF LOWER EXTREMITY GREAT VASCULAR INJURIES IN CONDITIONS OF WAR IN THE EAST OF UKRAINE	08:36 - 08:48
Yulian Krul (Kyiv, Ukraine)  RETROPHARYNGEAL TRANSPOSITION OF THE LEFT COMMON CAROTID ARTERY INTO THE RIGHT COMMON CAROTID ARTERY FOR THE PURPOSE OF HYBRID REPAIR OF THE RUPTURED AORTIC ARCH ANEURYSM AND SYMPTOMATIC DISSECTION  Maciej Zielinski (Poznan, Poland)	08:48 - 09:00
INFRA-RENAL AORTIC ANEURYSM WITH A SEVERELY ANGULATED NECK TREATED WITH A THORACIC ENDOGRAFT AND STANDARD EVAR DEVICE Luís Gamas (Porto, Portugal)	09:00 - 09:12
FLOATING THORACIC AND ABDOMINAL AORTIC THROMBUS: ENDOVASCULAR SOLUTIONS TO UNEXPECTED FINDINGS. A MINIMAL INVASIVE TREATMENT WITH A HIGH PRIMARY SUCCESS Elena García Rivera (Valladolid, Spain)	09:12 - 09:24
LEIOMYOSARCOMA OF THE VENA CAVA. A CASE REPORT OF RESECTION OF THE INFRARENAL CAVA WITH AUTO-TRANSPLANTATION OF BOTH KIDNEYS	09:24 - 09:36
Gemma Mckevitt (belfast, United Kingdom)  TEVAR FOR A SYMPTOMATIC PERFORATING ULCER IN THE AORTIC ARCH: WHAT IF THREE-OUT-OF-FOUR MAIN SIDE BRANCHES ARE ANATOMICAL ANOMALIES? A CASE REPORT Laure Arts (Brussels, Belgium)	09:36 - 09:48
En bloc resection of aortic sarcoma using extracorporeal bypass Patrick Björkman (Finland)	09:48 - 09:58

Scientific Sessions 08:00 - 10:00

Hall 4, Room 3

### SS06, SCIENTIFIC SESSION 06 - TAA/ Vascular Imaging

Each Plenary Scientific Session is focused on one specific domain of vascular surgery and comprises of very best of science in vascular care. Indeed, authors of the highest rated abstracts presented during the Fast-Track Presentations sessions will be scheduled to present in the Plenary Scientific Session corresponding to their field of research. The complete programme of the plenary scientific sessions is therefore only known and announced on the 2nd day of the Annual Meeting.

Chair: Michael Jacobs (Netherlands) Invited Speaker: Stephan Haulon (France)

Keynote Lecture 08:00 - 08:10

Stephan Haulon (France)

ROLE OF THE CARDIAC SYNCHRONISED COMPUTED TOMOGRAPHY ANGIOGRAPHY IN THE DISSECTION OF DESCENDING THORACIC AORTA Maria Ruffino (Torino, Italy)	08:10 - 08:20
BLOOD FLOW HELICITY PATTERN IN TYPE III ARCH CONFIGURATION AS A POTENTIAL RISK FACTOR FOR TYPE B AORTIC DISSECTION Francesco Sturla (San Donato Milanese, Italy)	08:20 - 08:30
DIGITAL VARIANCE ANGIOGRAPHY AS A RISK REDUCTION MEASURE IN PERIPHERAL ENDOVASCULAR INTERVENTIONS  Peter Sotonyi (Budapest, Hungary)	08:30 - 08:40
EARLY EXPERIENCE WITH A NOVEL THORACIC STENT GRAFT DESIGN FOR THE PREVENTION OF DISTAL-STENT GRAFT INDUCED NEW ENTRY TEARS (D-SINE)	08:40 - 08:50
Anne Burdess (Uppsala, Sweden)	
ENDOVASCULAR VERSUS MEDICAL TREATMENT IN TYPE B AORTIC INTRAMURAL HEMATOMA PATIENTS: A COMPARISON ANALYSIS FROM A REGISTRY STUDY	08:50 - 09:00
Chuan Tian (Beijing, China)	
INTERNAL ILIAC ARTERY STENTING DURING AND AFTER ENDOVASCULAR AORTIC REPAIR FOR PREVENTION AND THERAPY OF SPINAL CORD ISCHEMIA	09:00 - 09:10
Catharina Gronert (Hamburg, Germany)	
PREOPERATIVE PSOAS MUSCLE SIZE AND RADIODENSITY PREDICT MIDTERM SURVIVAL AND QUALITY OF LIFE AFTER FENESTRATED-BRANCHED ENDOVASCULAR AORTIC REPAIR	09:10 - 09:20
Jussi Kärkkäinen (Rochester, United States)	
RELEVANCE OF SLPI AS BIOMARKER OF ACUTE KIDNEY INJURY AFTER OPEN AND ENDOVASCULAR COMPLEX AORTIC SURGERY	09:20 - 09:30
Alexander Gombert (Aachen, Germany)	
RENAL FUNCTION SALVAGE AFTER DELAYED ENDOVASCULAR REVASCULARISATION AFTER ACUTE RENAL ARTERY OCCLUSION IN PATIENTS WITH FENESTRATED/BRANCHED EVAR OR RENAL ARTERY BYPASS	09:30 - 09:40
Franziska Heidemann (Hamburg, Germany)	
RETROSPECTIVE COHORT STUDY ON VESSEL DEFORMATION DURING FENESTRATED OR BRANCHED ENDOVASCULAR AORTIC REPAIR; TRADITIONAL CTA ROADMAPS PROVIDE INSUFFICIENT AND INADEQUATE GUIDANCE DURING TARGET VESSEL CANNULATION	09:40 - 09:50
Marloes M. Jansen (Utrecht, Netherlands)	

EVST Sessions 08:00 - 10:00

Hall 3, Room 1

### **EVST 01, EVST SESSION 01 Case Reports**

Chair: Stefano Ancetti (Italy) Chair: Mauricio Ramírez (Spain)

SINGLE-STAGE TOTAL ENDOVASCULAR THERAPY FOR AN ABERRANT RIGHT SUBCLAVIAN ARTERY ANEURYSM	08:00 - 08:07
Satoshi Nishi (Tsukuba, Japan)	
EMBOLISATION OF BILATERAL INTERNAL ILIAC ANEURYSM THROUGH A PERCUTANEOUS ULTRASOUND GUIDED ANTERIOR APPROACH IN A PATIENT PREVIOUSLY TREATED BY PROXIMAL ANEURYSM LIGATION	08:07 - 08:14
Flavia Gentile (Luxembourg, Luxembourg)	
EVALUATION OF THE EFFECT OF HYPERBARIC OXYGEN THERAPY ON TISSUE PERFUSION IN PATIENTS WITH DELAYED SEVERE FROSTBITE BY MR PERFUSION IMAGING; CASE REPORT	08:14 - 08:21
Hakan Çomaklı (Konya, Turkey)	
FULLY ROBOTIC RETROPERITONEAL LYMPH NODE DISSECTION- A FUSION OF TECHNOLOGIES	08:21 - 08:28
Jasamine Coles-Black (Heidelberg, Australia)	
FIRST EXPERIENCES IN THE USE OF NO-REACT® BIOINTEGRAL GRAFT AND NO-REACT® BIOINTEGRAL SURGICAL PATCH IN PTFE PROSTHESIS INFECTION AFTER ARTERIAL RECONSTRUCTION	08:28 - 08:35
Peter Metzger (St. Johann in Tirol, Austria)	
COMPLEX ENDOVASCULAR AORTIC REPAIR WITH A BRANCH FOR A INTERCOSTAL ARTERY IN MARFAN DISEASE	08:35 - 08:42
Ahmed Eleshra (Hamburg, Germany)	
TOTAL ENDOVASCULAR MANAGEMENT OF A SYMPTOMATIC POST- DISSECTION THORACOABDOMINAL ANEURYSM WITH THE NEW PHYSICIAN MODIFIED FENESTRATED THORACIC ENDOGRAFT	08:42 - 08:49
Flavia Spalla (Turin, Italy)	
SUPERFICIAL VENOUS THROMBOSIS ASSOCIATED WITH EMERGENCY CONTRACEPTIVE PILL USAGE (LEVONORGESTREL) - CASE REPORT AND REVIEW OF LITERATURE	08:49 - 08:56
Sahitya Bammidi (Hyderabad, India)	
RETROPERITONEAL FIBROSIS SECONDARY TO THE PLACEMENT OF AORTO- ILIAC STENTS	08:56 - 09:03
Daniel Mendes (Porto, Portugal)	
POTENTIAL APPLICATION OF DIFFUSION - WEIGHTED WHOLE BODY IMAGING WITH BACKGROUND BODY SIGNAL SUPPRESSION FOR DISEASE ACTIVITY ASSESSMENT IN TAKAYASU ARTERITIS - IN SEARCH OF "GOLDEN MEAN"	09:03 - 09:10
Viktoriya Tsay (Tashkent, Uzbekistan)	
AORTIC DISSECTION AFTER FEVAR	09:10 - 09:17
Alberto Varriale (Milano, Italy)	
CLINICAL CASE OF SUCCESSFUL ENDOVASCULAR TREATMENT OF OBSTRUCTIVE POST-THROMBOTIC SYNDROME IN THE LOWER EXTREMITY WITH PLAIN BALLOON ANGIOPLASTY AS A STANDALONE METHOD Aleksei Kebriakov (St. Petersburg, Russian Federation)	09:17 - 09:24

Symposia 09:00 - 10:00 Hall 4, Room 1 S15, Drugs in PAD Chair: Sebastian Debus (Germany) Chair: Sonia Anand (Canada) The effectiveness of antithrombotic treatment for PAD - what is the 09:00 - 09:15 evidence? William Hiatt (United States) Long-Term Survival following Paclitaxel-coated devices in PAD - Analysis 09:15 - 09:27 of German Health Insurance Claims Christian-Alexander Behrendt (Hamburg, Germany) The Benefit of Rivaroxaban vascular dose to avoid and improve outcome 09:27 - 09:39 after MALE - A subgroup analysis from COMPASS trial Sonia Anand (Canada) Therapeutic Angiogenesis in PAD Treatment: how can we improve clinical 09:39 - 09:49 evidence? Lars Norgren (Sweden) Perioperative Management of Clopidogrel at the time of vascular surgery 09:49 - 09:59 David H Stone (United States) Coffee Break 10:00 - 10:30 Hall 4. Exhibition + Poster Area **Coffee Break** Symposia 10:30 - 12:30 Hall 4, Room 1 S16, Dissection: Update on Aortic Dissection Chair: Igor Koncar (Serbia) Chair: Tilo Kolbel (Germany) Current recommendations on treatment of Type B aortic dissection 10:30 - 10:40 Santi Trimarchi (Italy) Acute aortic dissection: diagnosis, monitoring and conservative 10:40 - 10:50 management Rachel Clough (United Kingdom)

Acute aortic dissection: Which patient should be treated by TEVAR and

Bijan Modarai (United Kingdom)

Germano Melissano (Italy)

Acute aortic dissection: the role of STABILISE

10:50 - 11:00

11:00 - 11:10

	Chronic aortic dissection: the role of open surgery Beate Lindberg (Norway)	11:10 - 11:20
	Chronic aortic dissection: the role of branched and fenestrated EVAR Kyriakos Oikonomou (Regensburg, Germany)	11:20 - 11:30
	Chronic aortic dissection: the role of false lumen occlusion techniques Konstantinos Spanos (Larisa, Greece)	11:30 - 11:40
	Aortic dissection in patients with genetic aortic syndromes Anders Wanhainen (Sweden)	11:40 - 11:50
	Aortic dissection in pregnancy Tara Mastracci (United Kingdom)	11:50 - 12:00
	Pannell Discussion	12:00 - 12:30
Symposia 10:30 - 12:30		Hall 4, Room 2
S17, ESVS	5/ SVS Joint Session : Are we fit for surgery?	
Chair: Samue	Vikatmaa (Finland) I Money (United States) ka Hultgren (Stockholm, Sweden)	
	Burnout, what is it and how prevalent is it among vascular surgeons? Ronald Dalman (United States)	10:30 - 10:36
	General ESVS questionnaire results Pirkka Vikatmaa (Finland)	10:36 - 10:42
	Do the North American and European results differ? Samuel Money (United States)	10:42 - 10:48
	Does gender have an impact-SVS vs ESVS results? Cristina Lopez Espada (Spain)	10:48 - 10:54
	Q/A including electronic questions to the audience	10:54 - 11:09
	The physical impact of vascular surgery Samuel Money (United States)	11:09 - 11:15
	How to attract women to vascular surgery and get them to stay in and apply for leading positions Rebecka Hultgren (Stockholm, Sweden)	11:15 - 11:21
	A Matter of Debate: a) Electronic medical records (EMR) are driving us nuts- an epic problem. Including Q results.  Henrik Sillesen (Denmark)	11:21 - 11:27
	A Matter of Debate: b) Collecting systematic data saves lives - we need systematic EMR!  Philippe Kolh (Belgium)	11:27 - 11:33

Summary and techniques - how to improve physician wellness? a) What can the surgeon do to improve wellness?  Ellen Dillavou (United States)	11:33 - 11:39
Summary and techniques - how to improve physician wellness! b)What can society/government/the hospital do to improve wellness?  Rebecca Hultgren (Sweden)	11:39 - 11:45
Discussion	11:45 - 12:00

Scientific Sessions 10:30 - 12:30

Hall 4, Room 3

# SS07, SCIENTIFIC SESSION 07 - Prize Posters Miscellaneous Research ; Vascular Biology; Vascular Access; Education

Each Plenary Scientific Session is focused on one specific domain of vascular surgery and comprises of very best of science in vascular care. Indeed, authors of the highest rated abstracts presented during the Fast-Track Presentations sessions will be scheduled to present in the Plenary Scientific Session corresponding to their field of research. The complete programme of the plenary scientific sessions is therefore only known and announced on the 2nd day of the Annual Meeting.

Chair: Jonas Eiberg (Denmark)
Chair: Hubert Schelzig (Germany)
Invited Speaker: Ulf Hedin (Sweden)

Improving stroke prevention in carotid disease by multi-level patient- and plaque phenotyping Ulf Hedin (Sweden)	10:30 - 10:40
Poster Prize Presentation	10:40 - 10:50
Poster Prize Presentation	10:50 - 11:00
A NEW POLYPHOSPHATE COATED HAEMOSTATIC DRESSING COMPARED WITH A KAOLIN COATED DRESSING IN A LETHAL ARTERIAL INJURY MODEL IN SWINE	11:00 - 11:10
Daniel Hinck (Hamburg, Germany)	
CLINICAL VALIDATION OF THREE-DIMENSIONAL ULTRASOUND FOR ABDOMINAL AORTIC ANEURYSM	11:10 - 11:20
Qasam Ghulam (Copenhagen, Denmark)	
DEVELOPMENT AND VALIDATION OF A MULTIVARIABLE PREDICTION MODEL OF PERIOPERATIVE MORTALITY IN VASCULAR SURGERY: THE NEW ZEALAND VASCULAR SURGICAL RISK TOOL (NZRISK-VASC)	11:20 - 11:30
Manar Khashram (Auckland, New Zealand)	
EVALUATION OF THE INFLUENCE OF WALL SHEAR STRESS FEATURES ON ENDOTHELIAL CELL PHENOTYPES IN-VITRO AND CORRELATION WITH A NOVEL EX-VIVO BOVINE ARTERIOVENOUS FISTULA MODEL	11:30 - 11:40
David Power (Limerick, Ireland)	
POTENTIAL FOR RESUSCITATIVE ENDOVASCULAR BALLOON OCCLUSION OF THE AORTA (REBOA) AT A SCANDINAVIAN TRAUMA REFERRAL CENTER	11:40 - 11:50

Victor Mill (Stockholm, Sweden)

QUANTIFICATION OF PLASMA MARKERS OF NETS IN PATIENTS WITH ABDOMINAL AORTIC ANEURYSM	11:50 - 12:00
Emma Plana (Valencia, Spain)	
VASCULAR ACCESS LAMINATE EUROPEAN EXPERIENCE (VALUE)- STUDY, INTERIM UPDATE INTRODUCTION	12:00 - 12:10
Gaspar Mestres (Barcelona, Spain)	
TRIPLE NEUROPROTECTION WITH TARGETED HYPOTHERMIA, CONTROLLED INDUCED HYPERTENSION AND BARBITURATE INFUSION DURING EMERGENCY CAROTID ENDARTERECTOMY FOR ACUTE STROKE	12:10 - 12:20
Sherif Sultan (Galway, Ireland)	

EVST Sessions 10:30 - 12:00

Hall 3, Room 1

# EVST 02, EVST SESSION 02 My worst case open/endo - and what I have learned from it.

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Chair: Bahaa Arefai (Spain)

Chair: Sarah Lesche (Dunedin, New Zealand)

Popliteal Aneurysm - A thin line between suitable treatment and getting sued	10:30 - 10:50
Sebastian Zerwes (Augsburg, Germany)	
Vascular access and other challenges in treating a teenager Helen Rooney (New Zealand)	10:50 - 11:10
Dissection dilemmas and connective tissue disorders: Type b or not type b that is a dissection  Tom Aherne (Ireland)	11:10 - 11:30
Vascular injury of the upper extremity with full disconnection of the neurovascular bundle: a race against the clock Elena Domuschieva (Bulgaria)	11:30 - 11:50

General Session 12:30 - 13:00

Hall 4, Room 1

### **GS5, Closing Ceremony**

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Chair: Henrik Sillesen (Denmark) Chair: Stephan Haulon (France)