



# PROGRAMME

## ESVS 37<sup>th</sup> ANNUAL MEETING

26-29<sup>TH</sup> SEPTEMBER 2023

ICC, Belfast, Northern Ireland

The ESVS would like to thank **Belfast City Council**, **Tourism Northern Ireland** and **Visit Belfast** for their support of the ESVS 37<sup>th</sup> Annual Meeting.



# WELCOME LETTER

Dear Colleague,

On behalf of the European Society for Vascular Surgery (ESVS), it is our pleasure to welcome you to the 37<sup>th</sup> ESVS Annual Meeting in Belfast.

Both Scientific and Academy programme committees have put large efforts into ensuring that this year's conference provides the best possible learning experience for all our delegates. With a diverse and stimulating scientific programme that covers the full spectrum of vascular surgery and medicine, and a comprehensive Academy programme with hands-on workshops and interactive case discussions, the programme has something to offer to everyone.

On Tuesday, we will organise a 5 km charity run, in conjunction with our patient awareness activity. We invite you to purchase the t-shirt to participate in the run; all the funds collected will be donated to a local foundation.

We are also excited to invite you to our welcome reception on Wednesday evening, which will happen directly at the conference centre. This will be a fantastic opportunity to meet fellow attendees and enjoy some local music, drinks, and snacks. It is a perfect way to kick-off the conference and to connect with colleagues from around the world.

On Thursday, we have organised a networking dinner at the iconic Belfast City Hall. This elegant venue will provide the perfect backdrop for an evening of networking, relaxation, great food and music. We are confident that you will find this to be one of the highlights of the conference.

In addition to the educational and social aspects of the conference, we encourage you to take some time to explore the city of Belfast. From the Titanic Museum to the historic Castle Ward, there are many exciting things to see and do in this wonderful city.

Once again, welcome to the 37<sup>th</sup> ESVS Annual Meeting in Belfast and we hope that you find the conference to be a valuable and rewarding experience!



**Philippe Kolh**  
ESVS President  
2022-2023

**E. Sebastian Debus**  
Programme Committee  
Chair

**Igor Koncar**  
Academy Committee  
Chair

**Denis Harkin**  
Local Chair

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## Check out the most updated programme on the app

The app is available on Google Play and on the App Store. You can download the app by scanning the QR-code. Personal login credentials have been shared via email.

NB: When you download the App, you will be directed to the generic Events Air App. Please enter the Event code to enter the customised ESVS 2023 App.

Event code: **esvs2023**



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**Alison Haliday**  
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**Igor Koncar**  
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**Stravros Kakkos**  
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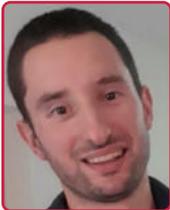


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**Alexander Croo**  
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**Willemien van de Water**  
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**Desiree van  
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The Netherlands

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Poland



**Desiree van  
den Hondel**  
Arnhem,  
The Netherlands

# SCIENTIFIC PROGRAMME AT A GLANCE

Tuesday, 26 September 2023

	Main Auditorium	Hall 2A	Hall 2B	Studio	Meeting room 1A	Meeting room 1B
13:00	<b>1</b> Prize Fast-Track Session	<b>1</b> Fast Track Session: AAA	<b>2</b> Fast Track Session: AAA	<b>3</b> Fast Track Session: Aortic	<b>4</b> Fast Track Session: Carotid & Vertebral Arteries Disease/ Misc.	<b>5</b> Fast Track Session: CLTI/ALI/Diabetic Foot/Wound Care/Misc.
15:00	Coffee break					
15:30	<b>2</b> Prize Fast-Track Session	<b>6</b> Fast Track Session: AAA/VGEI/Aortic Dissection	<b>7</b> Fast Track Session: PAD/Antithrombotic Therapy/ Misc.	<b>8</b> Fast Track Session: Miscellaneous	<b>9</b> Fast Track Session: CVD/Venous Thrombosis/Misc.	<b>10</b> Fast Track Session: Vascular Access/Education /Misc.
17:30						
18:00	Charity run					

Wednesday, 27 September 2023

	Main Auditorium	Hall 2A	Studio	e-poster area
07:30		AGM		
08:30	<b>01</b> Vascular Surgery, Where North meets South	<b>02</b> Guidelines: DTA	<b>01</b> Scientific Session	<b>01</b> e-poster Session
10:00	Coffee break			
10:30	<b>03</b> ESVS 2024 Clinical Practice Guidelines on the Management of Asymptomatic Lower Limb Peripheral Arterial Disease and Intermittent Claudication	<b>04</b> Breaking news in clinical trials	<b>02</b> Prize Session	<b>02</b> e-poster Session
12:00	<b>05</b> VASCUNET: Vascular Quality Assessment: State of the Art	<b>01</b> Industry Symposium	<b>02</b> Industry Symposium	<b>03</b> e-poster Session
13:00	Coffee break			
14:00	Presidential address			
14:30	<b>01</b> Janet Powell Lecture			
15:00	<b>06</b> 2023 State-of-the-Art in diagnosis and management of chronic pelvic venous disorders	<b>07</b> How can I implement the radiation safety guidelines in my clinical practice?	<b>03</b> Scientific Session	<b>04</b> e-poster Session
16:00	Coffee break			
16:30	<b>08</b> Dilemma: Should I follow Published Guidelines or Trial results when treating a patient?: Carotid Guidelines (incl. TCAR discussion)	<b>04</b> Industry Symposium	<b>05</b> Industry Symposium	<b>05</b> e-poster Session
17:00	<b>09</b> A Safe vascular workplace to attract, train, and retain vascular surgeons – the role of everyone	<b>06</b> Industry Symposium		
17:30	Welcome ceremony			

# SCIENTIFIC PROGRAMME AT A GLANCE |

## Thursday, 28 September 2023

	Main Auditorium	Hall 2A	Studio	e-poster area
08:00	<b>10</b> Dilemma: Should I follow Published Guidelines or Trial results when treating a patient?: Graft infection guidelines	<b>11</b> Digital education is here to stay	<b>01</b> EVST abstract Session	<b>06</b> e-poster Session
09:00	<b>12</b> Robotic Surgery and AI session	<b>08</b> Industry Symposium		
09:30				
10:00	Coffee break			
10:30	<b>13</b> Trauma, Past and Present: from Belfast to Bakhmut	<b>14</b> Best abstracts of young vascular surgeons from national societies	<b>04</b> Scientific Session	<b>07</b> e-poster Session
12:00	<b>05</b> Scientific Session	<b>11</b> Industry Symposium	<b>10</b> Industry Symposium	<b>08</b> e-poster Session
12:30		<b>12</b> Industry Symposium		
13:00	Lunch break			
14:30	<b>02</b> Nikolai Volodos Lecture			
15:00	<b>15</b> WFVS Session	<b>06</b> Scientific Session	<b>02</b> EVST Session with clinical cases: Management of vascular trauma – tips&tricks from the best in the field	<b>09</b> e-poster Session
16:00	Coffee break			
16:30	<b>16</b> The Big Debates	<b>07</b> Scientific Session	<b>17</b> WFVS: World Debates: CLTI Practices	<b>10</b> e-poster Session
18:00				
19:30	Networking dinner, UEMS and ESVS Prize Ceremony			

## Friday, 29 September 2023

	Main Auditorium	Hall 2A	Studio
08:00	<b>18</b> European Society for Vascular Surgery (ESVS) 2023 Clinical Practice Guidelines on Antithrombotic Therapy for Vascular Diseases	<b>19</b> Innovative pathways of care and technologies for vascular surgery	<b>20</b> Joint session with DGG: Vascular Education
09:00	<b>21</b> Completion control after arterial procedures	<b>22</b> Acute limb ischaemia	<b>23</b> BEST-CLI, BASIL and Swedpad Session – 'Saving legs – the Critical Ischaemia Trials'
10:00	<b>Closing Ceremony</b>	Coffee break	
10:30	<b>24</b> Guidelines:AAA	<b>25</b> Genetic aortopathy and aortic repair	<b>26</b> The Intersocietal IWGDF, ESVS, SVS guidelines on peripheral artery disease in people with diabetes mellitus and a foot ulcer

# ACADEMY PROGRAMME AT A GLANCE

Tuesday, 26 September 2023

	Meeting room 2A	Meeting room 2B	Meeting room 3A	Meeting room 3B
13:00	<b>1</b> Varicose veins duplex – basic: ultrasound anatomy and pathophysiology - Ultrasound	<b>2</b> Vascular anastomosis: fem – pop +/- crural bypass (preselection) (BASIC & ADVANCED)	<b>3</b> Ultrasound guided puncture and use of closure device – small hole procedures	<b>4</b> Practical Advice: How to implement guidelines of radiation protection
15:00	Coffee break			
15:30	<b>5</b> AVF planning	<b>6</b> Treatment of Acute Limb ischaemia (BASIC/INTERMEDIATE)	<b>7</b> Ultrasound guided puncture and use of closure devices – large hole procedures	<b>8</b> Management of “swollen limbs”
17:30				
18:00	Charity run			

- Carotid Pathway
- PAD Pathway
- Vascular Medicine Pathway
- Aortic Pathway
- Vascular Aortic Pathway
- Academic Pathway
- Venous Pathway
- Diagnostic



# ACADEMY PROGRAMME AT A GLANCE |

Wednesday, 27 September 2023

	Meeting room 1A	Meeting room 1B	Meeting room 2A	Meeting room 2B	Meeting room 3A	Meeting room 3B	Hall 2B
08:00	<b>9</b> Open AAA repair: basic	<b>10</b> Planning and sizing EVAR	<b>11</b> Treatment of Pelvic Venous Disorders - embolisation or stenting: when and how	<b>12</b> AAA and EVAR-surveillance	<b>13</b> Management of pain in patients with critical limb ischaemia	<b>14</b> Access, cross-over and safe navigation in the arterial tree (BASIC)	<b>15</b> EVAR step by step 1 (device specific)
10:00	Coffee break						
10:30	<b>16</b> Endovascular repair of aortic arch	<b>17</b> Varicose veins duplex – pathology scanning and treatment planning by Ultrasound	<b>18</b> Arterial duplex below the knee	<b>19</b> Medical management of the diabetic foot	<b>20</b> Endovascular toolkit, endovascular treatment of calcified & CTO fem pop lesions (BASIC/MEDIUM)	<b>21</b> EVST Aortic triathlon	
13:00	Lunch break						
14:00	<b>22</b> Open AAA: complex (incl. conversion to open surgery after EVAR)	<b>23</b> Endoleak management	<b>24</b> Minimally invasive treatment of CVI & Aesthetic phlebology: glue, laser, sclerotherapy	<b>25</b> Arterial duplex above the knee - aorta to popliteal	<b>26</b> How to write & review a paper	<b>27</b> Endovascular Toolkit Advanced & Endovascular treatment below the knee (ADVANCED)	<b>28</b> TEVAR and adjuncts (endoanchors and dissection stents)
16:00	Coffee break						

- Carotid Pathway
- PAD Pathway
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- Vascular Aortic Pathway
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# ACADEMY PROGRAMME AT A GLANCE

Thursday, 28 September 2023

	Workshop room 1A	Workshop room 1B	Meeting room 2A	Meeting room 2B	Meeting room 3A	Meeting room 3B	Hall 2B
08:00	<b>29</b> Open AVFistula basic	<b>30</b> Hostile neck: ChEVAR	<b>31</b> Carotid duplex ultrasound	<b>32</b> Carotid artery stenting	<b>33</b> Overview of the FEBVS exam and how to pass it	<b>34</b> Acute aortic syndrome (ICD)	<b>35</b> EVAR step by step 2 (device specific)
10:00	Coffee break						
10:30	<b>36</b> Open AVFistula complex	<b>37</b> CERAB (ADVANCED)	<b>38</b> How to optimise treatment of deep venous system – acute and chronic lesions	<b>39</b> Carotid endarterectomy	<b>40</b> Academic station of FEBVS	<b>41</b> Lifestyle medicine and vascular surgery	<b>42</b> Distal landing zone in EVAR
13:00	Lunch break						
14:00	<b>43</b> Endovascular arteriovenous fistula creation	<b>44</b> How to write a systematic review	<b>45</b> Endovenous treatment of chronic venous insufficiency – thermal techniques: Laser and RF	<b>46</b> Intraoperative quality control after carotid endarterectomy	<b>47</b> Clinical viva-voce	<b>48</b> Certificate of competences in Vascular Ultrasound (CCVUS)	<b>49</b> Essentials in BEVAR
16:00	Coffee break						
16:30		<b>51</b> Stats for surgeons	<b>48</b> Certificate of competences in Vascular Ultrasound (CCVUS)	<b>52</b> Physician-modified endograft (ICD)	<b>47</b> Clinical vice voce (cont.)	<b>53</b> Current procedural treatment of chronic venous Disease - ICD	<b>54</b> Essentials in FEVAR
19:30	Networking dinner						

- Carotid Pathway
- PAD Pathway
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## SCIENTIFIC PROGRAMME

13:00 – 15:00  
Main Auditorium

Prize Fast Track Session 1

Chair: Alison Halliday (UK)

Jury: Stavros Kakkos (GR), Mark Koelemaj (NL), Anne Lejay (FR), Gert De Borst (NL)

	Paper Title	Presenting Author	Country
O-001	Increased prevalence of stroke as indication for carotid endarterectomy in Norway in 2022	Martin Altreuther	NO
O-002	A systematic review and meta-analysis of the current non-operative management of post thrombotic syndrome	Ehsanul Karim Choudhury	UK
O-003	The Burden of Stroke in Europe: An analysis of the Global Burden of Disease, 2010-2019	Carlota Fernandez Prendes	DE
O-004	Selective shunting based on Circle of Willis assessment reduces perioperative neurologic events in carotid endarterectomy	Boldizsár Gyöngyösi	HU
O-005	Comparison of AAA repair in SE and FI demonstrates the effects of population-wide screening	Matti Laine	FI
O-006	Endovenous laser ablation versus surgery for superficial venous incompetence: 10-year outcomes from the HELP-1 trial	Abduraheem Mohamed	UK
O-007	A Novel Screening Tool for Pelvic Venous Disorders	Tasneem Pope	UK
O-008	Systematic Review & Meta-Analysis of Surgeon-Physician Co-Management of Vascular Inpatients – A new care model?	Megan Power Foley	IE
O-009	Negative pressure therapy to reduce wound complications after groin incisions; a multicenter randomized clinical trial	Melissa Ruig	NL
O-010	CD31-coated surfaces enhance endothelialization and reduce platelet adhesion: a promising strategy for improving stent-graft biocompatibility	Jean Senemaud	FR
O-011	Impact of a radiation safety quality improvement initiative in the hybrid room	Gilles Soenens	BE
O-012	Prediction of Medium-term Survival Following Repair of Abdominal Aortic Aneurysm Using a Random Forest Classifier.	Daniel Thompson	UK
O-013	Bypass with SSGSV is associated with decreased major amputations than endovascular revascularization in the BEST-CLI	Maarit Venermo	FI
O-014	Ischaemic brain lesions after carotid endarterectomy or stenting for asymptomatic carotid stenosis: ACST-2 I Sub-study	Benjamin Wagner	UK
O-015	Associations between micro-RNA and abdominal aortic diameter differ by sex	Jonas Wallinder	SE
O-016	Scoring balloon angioplasty for dysfunctional arteriovenous fistulas: A multicentre randomized controlled trial	Yanqi Yin	CN

SCIENTIFIC PROGRAMME

Tuesday, 26 September 2023

# SCIENTIFIC PROGRAMME

13:00 – 15:00  
Hall 2A

Fast Track Session 1: AAA

Chair: Fabio Verzini (IT)

Jury: Mary Barry (IE), Julie Reid (UK), Vaiva Dabravolskaitė (FI), Alexander Croo (BE)

Tuesday, 26 September 2023

SCIENTIFIC PROGRAMME

	Paper Title	Presenting Author	Country
O-017	Role of YAP-TAZ signalling in abdominal aortic aneurys: in human pathology and an experimental model.	Paolo Antonio Bellotti	IT
O-018	Stability of the Proximal Sealing System and Fenestrations of the Anaconda Fenestrated Endograft	Marine Bordet	FR
O-019	Impaired Preoperative Ambulatory Status in Patients Undergoing Elective EVAR is Associated with Increased Mortality	Heepeel Chang	US
O-020	Outcomes Of Fenestrated-Branched Endovascular Aortic Repair In Narrow Paravisceral Aorta	Francesco Squizzato	IT
O-021	Contemporary Analysis of Open versus Endovascular Aneurysm Repair in NZ Over 10 Years	Sinead Gormley	NZ
O-022	Assessing the Growth Rate of Abdominal Aortic Aneurys Greater than 5 cm	Sinead Gormley	NZ
O-023	Enhanced recovery after surgery (ERAS) in abdominal aortic aneurysm surgery: improving results	Malka Huici Sanchez	ES
O-024	An ADAPtive approach to AAA surveillance and management for a hospital-based ultrasound surveillance programme	Jing Yi Kwan	UK
O-025	(Phospho)proteomic screen to investigate altered contractility of vascular smooth muscle cells derived from AAA patients	Karlijn Rombouts	NL
O-026	What proportion of AAAs detected in AAA Screening might be identified in Lung Cancer Screening	Alireza Sherafat	UK
O-027	Systematic Review and Meta-Analysis of Contemporary Abdominal Aortic Aneurysm Growth Rates	Carlota Fernandez Prendes	DE
O-028	The importance of body surface area in diagnostic criteria for abdominal aortic aneurysm.	Joachim Starck	SE
O-029	Aneurysm-Sac Dynamics and Mid-Term Outcomes following Fenestrated Endovascular Aneurysm Repair after previous Endovascular Aneurysm Repair.	Titia Sulzer	US
O-030	Prophylactic Cerebrospinal Fluid ainage in Four-vessel Fenestrated Endovascular Aneurysm Repair may have opposite effects.	Titia Sulzer	US
O-031	Machine learning technique to predict in-hospital mortality following repair of ruptured abdominal aortic aneurysm	Daniel Thompson	UK
O-032	Metformin improves smooth muscle cell function in abdominal aortic aneurysm patients	Tara van Merrienboer	NL
O-033	Follow-up after endovascular treatment of ruptured abdominal aortic aneurysm	Herman Viitala	FI
O-034	Open versus endovascular elective juxta-renal abdominal aortic aneurysm repair: a nationwide cohort study.	Hok Yee Harry Yu	HK

## SCIENTIFIC PROGRAMME

13:00 – 15:00  
Hall 2B

Fast Track Session 2: AAA

Chair: Nicola Mangialardi (IT)

Jury: Claudia Schrimpf (CH), Sabine Wipper (AT), Aleksandra Vujcic (RS)

	Paper Title	Presenting Author	Country
O-035	The effect of Diabetes on Abdominal Aortic Aneurysm growth: Updated Systematic Review and Meta-analysis	Lakna Harindi Alawattegama	UK
O-036	Double-cuff bidirectional branch in complex endovascular aortic repair: preliminary outcomes of a new solution	Marton Berczeli	HU
O-037	Renal branches in a ballerina configuration are at higher risk of adverse outcomes after BEVAR	Anastasia Dean	NZ
O-038	Accessory renal arteries role in endovascular treatment of abdominal aorta Aneurys	Alessia Di Girolamo	IT
O-039	Outcomes of branched/fenestrated endovascular repair of para/juxtarenal Aneurys: experience from two Italian high-volume university centers	Lucia Di Stefano	IT
O-040	Impact of Previous Open Abdominal Surgery on Open Abdominal Aortic Repair: A NSQIP Database Study	Laurence Bertrand	DE
O-041	International Collaborative Study Reporting Outcomes on Fenestrated Endovascular Aortic Repair in Octogenarian Patients: FEVOC study	Carlota Fernandez Prendes	DE
O-042	Positive Experiences With a New Patient Journey Smartphone App During Abdominal Aortic Aneurysm Treatment	Bergin Gjosh	NL
O-043	The Impact of Ruptured Abdominal Aortic Aneurysm Diameter on Mortality from the ICVR	Sinead Gormley	NZ
O-044	Off-the shelf single fenestrated endograft for the treatment of emergent paravisceral aortic disease	Gisli Jonsson	SE
O-045	"Zero contrast" target: CO <sub>2</sub> +infrarenal balloon+ivus for endovascular repair of abdominal aortic aneurysm	Francesca Maria Mursia	ES
O-046	Potential associations between abdominal aortic aneurysm, smoking and air pollution; a data visualisation journey.	Liam Musto	UK
O-047	Late open conversions after EVAR: early results of the iConverT registry	Paolo Perini	IT
O-048	The off the shelf Covered Endovascular Reconstruction of Iliac Bifurcation (CERIB) technique.	Konstantinos Spanos	GR
O-049	A systematic review and meta-analysis of outcomes of stentgraft-complexity for the management of complex AAA	Ozan Yazar	NL
O-050	Repair incidence and treatment results for women operated for AAAs in FI and SE	Maria Turkki	FI
O-051	Postoperative Adequate Seal without Endoleak Versus Early Sac Shrinkage to Justify Lenient Follow-up after EVAR	Alexander Vanmaele	NL
O-052	Impact of familial history of aortic disease on endovascular repair of complex aortic aneurysms.	Titia Sulzer	US

SCIENTIFIC PROGRAMME

Tuesday, 26 September 2023

# SCIENTIFIC PROGRAMME

13:00 – 15:00  
Studio

Fast Track Session 03: DTA/Aortic Dissection/Aortic Arch

Chair: Mauro Gargiulo (IT)

Jury: Fiona Rohlfes (DE), Bijan Modarai (UK), Michele Antonello (IT), Vishal Amlani (SE)

Tuesday, 26 September 2023

SCIENTIFIC PROGRAMME

	Paper Title	Presenting Author	Country
O-053	Anatomical feasibility of a "semi-custom" unibody single-branch endograft in previous Zone 2 TEVAR	Francesco Aneoli	IT
O-054	Comparison of Bare vs Non-Bare stent-graft during Thoracic Endovascular Aneurysm Repair of the Aortic Arch	Luigi Alberto Maria Bartolotti	IT
O-055	Risk factors and perioperative outcomes of PostImplantation Synome after Thoracic EndoVascular Aortic Repair.	Stefano Gennai	IT
O-056	Thoracoabdominal aortic aneurysm repair with physician-modified TEVAR using a 3-D printer	Salih Anil Boga	TR
O-057	The accuracy in the diagnosis of NANB Aortic Dissection in an acute setting	Ottavia Borghese	UK
O-058	Development and validation of a risk prediction tool for in-hospital mortality after TEVAR for BTAI	Mario D'Oria	IT
O-059	Area-based Analysis of Long-term Aortic Remodeling after Endovascular Repair for Type B Aortic Dissection	Kun Fang	CN
O-060	Predicting follow-up mortality after fenestrated/branched endografting in thoracoabdominal aneurys by a score system	Enrico Gallitto	IT
O-061	The hybrid stent-graft technique in bridging hostile renal arteries in thoracoabdominal branched endograft.	Enrico Gallitto	IT
O-062	Type III Arch Angulation Increases Aortic Pulse Wave Velocity in an Ex Vivo Porcine Model	Tim Mandigers	NL
O-063	Percutaneous Carotid Access in Endovascular Aortic Arch Repair	Nivedita Mitta	SE
O-064	Gender-related early outcomes after thoracoabdominal aortic aneurys open repair in patients with "shaggy aorta"	Annarita Santoro	IT
O-065	Type-B Intramural Haematoma: Predicting management based on admission aortic morphology	Will Selway	UK
O-066	Outcomes of fenestrated/ branched endografts for partial/total aortic arch repair. A systematic review and meta-analysis.	Paolo Spath	IT
O-067	Open versus Endovascular Revascularization of Left Subclavian Artery in TEVAR : Systematic Review and Meta-Analysis	Kadek Sulistyaningsih	IDN
O-068	Trends in Management/Outcomes in Acute Type B Dissection: Analysing the IRAD registry from 1996-2022.	Santi Trimarchi	IT
O-069	Predictors of failure to rescue after fenestrated-branched endovascular aortic repair of thoracoabdominal aortic aneurys	Andrea Vacirca	IT
O-070	Influence of Clinical Status and Dissection Morphology on Transfusion Volume in Acute Aortic Dissection Surgery	Yohnosuke Wada	JP

## SCIENTIFIC PROGRAMME

13:00 – 15:00  
Meeting room 1A

Fast Track Session 04: Carotid & Vertebral Arteries  
Disease/ Misc.

Chair: Sebastian Debus (DE)

Jury: Riikka Tulamo (FI), Matt Spreadbury (NO), Grace Wang (US)

	Paper Title	Presenting Author	Country
O-071	Prognostic significance of metabolic syndrome in patients undergoing carotid artery revascularisation systematic review and meta-analysis	Ahmed Abdaldayem	UK
O-072	In-stent restenosis after carotid artery stenting in post-dilation and maximum plaque pre-dilation: two techniques compared.	Giovanni Francesco Baresi	IT
O-073	Complication rate after surgical excision of Shamblin I versus II carotid body paraganglioma: systematic review	Carolijn De Bresser	NL
O-074	The impact of free-cell area in asymptomatic patients undergoing CAS. Results from a multicenter registry.	Claudio Desantis	IT
O-075	Higher amount of perivascular adipose tissue ipsilateral to an "acute culprit" carotid stenosis	Joana Ferreira	PT
O-076	Phase-contrast I can separate conventional $\geq 50\%$ carotid stenosis and near-occlusion	Elias Johansson	SE
O-077	Importance of the pre- and postoperative neurological examination for the outcome of CEA and CAS	Michael Kallmayer	DE
O-078	Volumetric flow assessment as a method of predicting hemodynamic benefit from the ICA stenosis treatment	Piotr Kaszczewski	PL
O-079	Lattice-Boltzmann Method Enables Cost-effective Quantitative Hemodynamic Analysis in Carotid Atherosclerosis	Hyunwoo Cho	KR
O-080	Association between hospital policy regarding local versus general anaesthesia, and outcomes of carotid endarterectomy	Felix Kirchhoff	DE
O-081	Female Asymptomatic Octogenarians Have a Better Stroke Free Survival after Internal Carotid Endarterectomy than Male	Peter Konstantiniuk	AT
O-082	Transcriptomic analysis of carotid plaques after Transcarotid artery revascularization	Jose Ignacio Leal Lorenzo	ES
O-083	Age need not be a barrier to carotid endarterectomy - evidence from a nonagenarian population.	Adele Lee	AU
O-084	Carotid endarterectomy is safe and effective in symptomatic octogenarian patients	Marcello Lodato	IT
O-085	Study of new biomarkers of atheroma plaque instability: A metabolomic approach.	Emma Plana	ES
O-086	The mid-term results of carotid asymptomatic stenosis study	Cristina Rocchi	IT
O-087	Aberrant Right Subclavian Artery: Demographics, morphological features and follow up CT scans dynamics.	Maysam Shehab	SE
O-088	Long-term Outcome After EndoVAC Hybrid Repair of carotid patch infection.	Maysam Shehab	SE
O-089	Early detection of cranial nerve dysfunction during carotid endarterectomy through intraoperative neurophysiological monitoring	Alina Velescu	ES
O-090	Endovascular and hybrid treatment of extracranial carotid artery aneurysms: long-term results from the Carotid Aneurysm Registry	Saskia Willeen	NL

## SCIENTIFIC PROGRAMME

13:00 – 15:00  
Meeting room 1B

Fast Track Session 05: CLTI/ALI/Diabetic Foot/Wound Care/Misc.

Chair: Joseph Mills (US)

Jury: Emiliano Chisci (IT), Joakim Nordanstig (SE), Alexandra Gratl (AT), Moritz Wegner (DE)

Tuesday, 26 September 2023

SCIENTIFIC PROGRAMME

	Paper Title	Presenting Author	Country
O-091	Safety and performance of VIABAHN VBX in peripheral vessels: One-year results of EXPAND multicenter Registry.	Mauro Gargiulo	IT
O-092	Aorto-iliac and infrainguinal artery occlusive disease: different revascularization options according to the critical-limb-threatening-ischemia category	Cecilia Angherà	IT
O-093	Evaluation of microcirculatory changes before and after endovascular intervention using a new multimodal imaging system	Sofie Aronsson	SE
O-094	A documentary analysis of guidance for primary care clinicians referring patients with chronic limb-threatening ischaemia	Ellie Atkins	UK
O-095	Variation in pathways for patients with CLTI leads to inequalities in care: process mapping exercise	Ellie Atkins	UK
O-096	Patient Specific Factors (Demographics or Comorbidities) associated with Anatomic Patterns of Disease in CLTI patients	Aayushree Bhagat	IN
O-097	Conservative treatment not inferior to immediate revascularisation for chronic limb threatening ischaemia: The PROCLION study	Robin Brouwer	NL
O-098	Current Diabetic Footwear and Foot Care Practices in a Tertiary Care Centre	Satyena Ramnadh G	IN
O-099	Endovascular Treatment of an Infrarenal Aortic Epithelioid Angiosarcoma causing critical limb ischemia: a Case Report	Luca Galassi	IT
O-100	Role of Retrograde Tibiopedal access in patients with critical lower limb ischemia: challenges and outcome	Baker Ghoneim	UK
O-101	Sex-related differences and factors associated with peri-procedural and 1-year mortality in chronic limb-threatening ischemia patients	Eugenio Martelli	IT
O-102	Transit-time flow as a predictor of PTFE infrainguinal revascularization: results from a Multicentre National Registry	Luca Mezzetto	IT
O-103	Medium term outcomes following intravascular ultrasound-guided treatment of chronic limb threatening ischemia	Harishankar Nair	UK
O-104	The histopathological and morphological study of the peripheral arteries in patients with CLTI.	Kayoko Natsume	JP
O-105	Prospective Multicenter Observational study Evaluating Acute Lower Limb Ischaemia (PROMOTE –ALI): Outcome of 500 patients	Katariina Noronen	FI
O-106	Wound Management of Toe Wound and its Clinical Impact after Revascularization for Critical Limb-Threatening Ischemia	Hideaki Obara	JP
O-107	Temporal trends in acute organ ischaemia	João Peixoto	PT
O-108	Evaluation of revascularization benefit quartiles using Wound, Ischemia and Foot infection in patients with CLTI	Swastika Sharma	IN
O-109	Mid-term results of "short" inframalleolar vein bypasses in CLTI patients after previous failed tibial angioplasty	Nicola Troisi	IT

## SCIENTIFIC PROGRAMME

15:30 – 17:30  
Main Auditorium

Prize Fast Track Session 2

Chair: Alison Halliday (UK)

Jury: Stavros Kakkos (GR), Mark Koelemaj (NL), Anne Lejay (FR), Gert De Borst (NL)

	Paper Title	Presenting Author	Country
O-110	Major adverse limb events in unselected revascularized lower limb PAD patients– a population-based observational study	Vishal Amlani	SE
O-111	Results of the DISCOVER Trial Comparing Covered Versus Bare-Metal Stents in the Common Iliac Artery	Joost Bekken	NL
O-112	Quantifying vessel wall strain in abdominal aortic aneurys with ultrasound	Magdalena Broda	DK
O-113	Quantitative flow evaluation for different left subclavian artery revascularization strategies during thoracic endovascular aortic repair	Kun Fang	CN
O-114	Safety of shunting strategies during carotid endarterectomy	Xavier Hommery-boucher	CA
O-115	Carotid Artery Stenting and Improvement of Cognitive Function: Systematic Review and Meta-Analysis	Filipa Jácome	PT
O-116	Defining near-occlusion with full collapse on CTA	Elias Johansson	SE
O-117	Automatic Artificial Intelligence-Based Segmentation of Intercostal and Lumbar Segmental Arteries on Preoperative Computed Tomography Angiography	Kaj Kappe	NL
O-118	Conformable fits better for TEVAR in blunt thoracic aortic injury	Leszek Kukulski	PL
O-119	A systematic review and meta-analysis of cerebrospinal fluid ain-related complications after fenestrated/branched endovascular repair	Nicola Leone	IT
O-120	Long-term Use of Beta-blockers and the Risk of Aortic Dissection Type A and B	Mads Liisberg	DK
O-121	Multicentre Validation of a Predictive Model for Survival of Patients with AAA treated with EVAR	Lorenz Meuli	CH
O-122	High levels of Plasma C-reactive protein are associated with a pro-inflammatory plaque phenotype	Barend Mol	NL
O-123	A novel exercise approach to improve exercise performance and quality of life in Intermittent Claudicants	Tom Parkington	UK
O-124	A Novel Risk Assessment Tool for Post-Operative Delirium in Vascular Surgery: the Stress Model.	Edoardo Pasqui	IT
O-125	Variability of [18F]FDG-PET/LDCT reporting in vascular graft and endograft infection	Ben Saleem	NL
O-126	Development and evaluation of a Massive Open Online Course (MOOC) about radiation safety	Gilles Soenens	BE
O-127	Outcomes of Primary Determinate and Indeterminate Target Vessel Endoleaks After Fenestrated-Branched Endovascular Aortic Repair	Francesco Squizzato	IT
O-128	Frailty predicts prognosis after thoracic endovascular aortic repair	Shingo Tsushima	JP
O-129	Aortic Neck Dilatation after Fenestrated Endovascular Aortic Repair	Francesco Squizzato	IT

SCIENTIFIC PROGRAMME

Tuesday, 26 September 2023

# SCIENTIFIC PROGRAMME

15:30 – 17:30  
Hall 2A

Fast Track Session 06: AAA/VGEI/ Aortic Dissection

Chair: Kevin Mani (SE)

Jury: Fabio Verzini (IT), Mary Barry (IE), Julie Reid (UK), Vaiva Dabravolskaitė (FI)

Tuesday, 26 September 2023

SCIENTIFIC PROGRAMME

	Paper Title	Presenting Author	Country
O-130	Proximal new intimal tear after TEVAR for type B aortic dissection	Tomoki Cho	JP
O-131	Not your everyday aortoduodenal fistula: primary aortoduodenal fistula due to chronic Q-fever	Alexander Croo	BE
O-132	Operative time and results of elective endovascular abdominal aortic aneurysm repair	Lara Dias	PT
O-133	SVS/AAVS grading for pulmonary status and contemporary outcomes of elective endovascular aortic aneurysm repair	Lara Dias	PT
O-134	Open abdomen after surgery for ruptured abdominal aortic aneurysm, safe even with delayed closure	Henriette Fagertun	NO
O-135	Concomitant transcatheter aortic valve implantation and endovascular thoracic / abdominal aortic aneurysm repair	Enrico Gallitto	IT
O-136	Endovascular repair of infective aortic pathology	Baker Ghoneim	UK
O-137	Abdominal aortic aneurysm screening in population older than 50 in an upper middle-income country	Aleksa Jovanovic	RS
O-138	Long-term outcomes of thoracic endovascular aortic repair for the treatment of descending thoracic aortic aneurys	Georgios Karaolanis	GR
O-139	Increased incidence of abdominal aortic aneurysm in women with early menopause	Mi-hyeong Kim	KR
O-140	Twenty-three-years' experience of aortic endograft explantation	Fransca Miceli	IT
O-141	AAA in women: a perioperative protocol to enhance open aortic repair	Maria Giulia Pascucci	IT
O-142	ERAS Protocol in elective open aortic surgery compared to standard care: multicenter retrospective cohort study	Dott Ilaria Peluttiero	IT
O-143	Carbon footprint of elective endovascular abdominal aortic aneurysm repair: a pilot study	Jean Senemaud	FR
O-144	The Collaborative Acute Aortic Synome Project (CAASP): understanding diagnostic pathways and their impact on survival	Aminder Singh	UK
O-145	Perfusion Digital Subtraction Angiography for Artificial Intelligence-Based Endoleak Visualisation during Endovascular Aneurysm Repair	Stefan Smorenburg	NL
O-146	Targeted Screening for AAA in Women with Smoking History	Patrik Söderberg	SE
O-147	Limb graft occlusion after endovascular aortic repair in Cook Zenith Alpha and Medtronic Endurant patients	Håvard Ulsaker	NO
O-148	Evaluation of Cardiovascular and All-cause Mortality after Elective Infrarenal Abdominal Aortic Aneurysm Repair: A Meta-analysis	Samira Van Knippenberg	NL
O-149	Diminishing apposition during follow-up is an indicator of type 1a endoleak after endovascular aneurysm repair	Roy Zuidema	NL

## SCIENTIFIC PROGRAMME

15:30 – 17:30  
Hall 2B

Fast Track Session 07: PAD/Antithrombotic  
Therapy/Misc.

Chair: Christian-Alexander Behrendt (DE)

Jury: Eva Saarinen (FI), Lorenzo Patrone (UK), Paolo Spath (IT)

	Paper Title	Presenting Author	Country
O-150	Quiescent Interval Single Shot (QISS) non-contrast Magnetic Resonance Angiography (A) imaging in PAD	Afnan Aljawarneh	UK
O-151	Antiplatelet and statin prescription trends in peripheral arterial disease and survival benefit after limb revascularization	Helena Fidalgo	PT
O-152	Endovascular repair of popliteal artery aneurys: comparison of outcomes for covered versus uncovered stents.	Tea Covic	IT
O-153	Magnetic resonance imaging characteristics and lesion crossability in peripheral artery disease – a pilot study	Judit Csore	US
O-154	Artificial Intelligence-aided Classification of Peripheral Arterial Disease Lesion Composition from Magnetic Resonance Histology at 9.4Tesla	Judit Csore	US
O-155	The role of socioeconomic status in PAD: the role of health literacy	Katerina Dangas	UK
O-156	Inverted T Bypass: a promising solution for infrapopliteal revascularization without an adequate vein graft	Armanda Duarte	PT
O-157	Development of a γ Lab Vascular Anastomosis Training Model using Surgical Robot System	Takashi Endo	JP
O-158	Exploring the differences in skeletal muscle between patients with chronic limb-threatening ischemia and claudication	Joana Ferreira	PT
O-159	Characterization of bone marrow-like tissue in femoral artery plaques	Mirjami Laivuori	FI
O-160	Association between dna methylation and mortality in patients with peripheral arterial disease	Lidia Marcos Garcia	ES
O-161	Periprocedural flow measurement and papaverine response predict graft failure in infrapopliteal vein bypasses	Katariina Noronen	FI
O-162	Twelve-month outcomes of intravascular lithotripsy for treatment of calcified popliteal and infrapopliteal arterial disease	Michael Nugteren	NL
O-163	Chronic Lower Limb Ischemia: Metabolomic Exploration through Arteriovenous Gradients	Tuljo Ööbik	ET
O-164	Use of 3D-Printed Models for Endovascular Planning and Training in PAD Patients Undergoing Endovascular Treatment	Paolo Perini	IT
O-165	Activated clotting time guided heparinization during peripheral endarterectomy and bypass surgery	Liliane Roosendaal	NL
O-166	Effect of a Home-Based Exercise Program and a Smartphone app: WalkingPad Randomized Clinical Trial	Ivone Silva	PT
O-167	Clopidogrel versus clopidogrel/ASA after lower-extremity endovascular revascularization: Rationale and design of the CLEAR-PATH trial	Emilien Wegerif	NL

SCIENTIFIC PROGRAMME

Tuesday, 26 September 2023

## SCIENTIFIC PROGRAMME

15:30 – 17:30  
Studio

Fast Track Session 08: Imaging/Radiation Protection/  
Vascular Trauma/Upper Extremity Arterial Disease/ Misc.

Chair: Nicola Mangialardi (IT)

Jury: Sabine Wipper (AT), Matt Spreadbury (NO), Laura Capoccia (IT)

Tuesday, 26 September 2023

SCIENTIFIC PROGRAMME

	Paper Title	Presenting Author	Country
O-168	Quantitative I to assess progression and rupture risk of abdominal aortic aneurys: a scoping review	Eva Aalbregt	NL
O-169	The radiation dose of CBCT in EVAR can be decreased by 90%	Pekka Aho	FI
O-170	Hand acceleration time (HAT): an adjuvant ultrasonographic tool for the evaluation of hand perfusion	Begoña Gonzalo	ES
O-171	Aneurysm sac size post-EVAR as a useful marker for future endoleak: a retrospective review.	Brigid Hill	NZ
O-172	Pedal acceleration time as an alternative non-invasive test to evaluate the perfusion to the foot	Malka Huici Sanchez	ES
O-173	Combining artificial intelligence with skin optoacoustic imaging: Listening to the light of diabetes microangiopathy intelligently	Angelos Karlas	DE
O-174	Radiation dose reduction during contralateral gate cannulation using Fiber Optic RealShape technology in EVAR	Jurre Klaassen	NL
O-175	Abdominal and pelvic veins thrombosis/post-thrombotic obstructive lesions diagnostics by non-contrast-enhanced V – a preliminary study	Joanna Kobak	PL
O-176	Long-Term Outcome of Endovascular Repair in Blunt Traumatic Aortic Injury: a 20-year Multicentre Experience.	Victor Mill	SE
O-177	Accuracy of Non-invasive Imaging Methods in Detection of Carotid Plaque Ulceration: Systematic Review and Meta-analysis	David Pakizer	CZ
O-178	Aortic Seat Belt Injuries: Analysis of 52 Cases Published in the Last 60 Years	Eduardo Silva	PT
O-179	Can CT derived Skeletal Muscle Index (SMI) be used to predict outcomes in vascular surgery?	Abhilash Sudarsanam	UK
O-180	Computational flow simulation reveals adverse hemodynamics associated with directional branch occlusion after fenestrated-branched EVAR	Ken Tran	US
O-181	Prediction of endograft apposition in infrarenal aorta in patients treated with standard and fenestrated EVAR	Daniëlle Van Veldhuizen	NL
O-182	Spontaneous iliac vein rupture and a life-threatening hemorrhage	Emma Viikinkoski	FI
O-183	Validating atherosclerotic carotid artery volume by 3-dimensional contrast-enhanced ultrasound compared with computed tomography angiography	Karin Yeung	DK
O-227	Multi-Institution Analysis Demonstrates that Augmented Intelligent Maps Improve Intraoperative Safety During Physician Modified Endograft Repairs	Mahmoud Malas	US

## SCIENTIFIC PROGRAMME

15:30 – 17:30  
Meeting Room 1A

Fast Track Session 09: CVD/Venous Thrombosis/Misc.

**Chair:** Arkadiusz Jawien (PL)  
**Jury:** Kursat Bozkurt (TR), Aleksandra Jaworucka-Kaczorowska (PL),  
Stephen Black (UK), Mert Meric (TR)

	Paper Title	Presenting Author	Country
O-184	Incidence of chronic venous disease after bariatric surgery or usual care for obesity	Åsa Anveden	SE
O-185	Superficial and deep disease patterns in patients with lower extremity post-thrombotic iliofemoral deep venous obstruction	Benjamin Clay	UK
O-186	Risk of late fracture of low-profile balloon-expandable covered bridging stents during fenestrated/branched endovascular aortic repair.	Pietro Dioni	IT
O-187	Arterial Pseudoaneurys, a Rare Complication of BCG Treatment: Three Case Report	David Flota Ruiz	ES
O-188	Midterm outcomes of VBX and Covera as bridging stent-grafts for branched endovascular aortic repair (CoViBri).	Stefano Gennai	IT
O-189	Long Term results of Vein Bypass to Arteries Distal to the Wrist	Thomas Hölzenbein	AT
O-190	Axial Ablation Versus Terminal Interruption of the Reflux Source for Venous Ulceration:A Randomised Controlled Trial	Colum Keohane	IE
O-191	Single-centre experience in intravascular ultrasound-guided iliac venous stenting	Matti Laine	FI
O-192	Bilateral ovarian vein embolization from unilateral approach and cross over technique for pelvic venous disease	Jose Ignacio Leal Lorenzo	ES
O-193	There´s place for an intestinal stroke fast track?	Marta Machado	PT
O-194	Antithrombotic-therapy and freedom from bridging stent occlusion after BEVAR - multicenter study initiated by PRINCE2SS	Vaiva Dabravolskaite	FI
O-195	Thrombolysis vs Systemic Anticoagulation for Proximal DVT: A Systematic Review and Meta-Analysis	Morgan McLoughlin	IE
O-196	Broad Responses and Attitudes to Having Music in Surgery (The BRAH Study): An Australasian Perspective	Manar Khashram	NZ
O-197	Endovascular Management of Superior Vena Cava Synome Extending to Brachiocephalic Veins : A Single-center Experience	Alexane Oliny	FR
O-198	Venous leg ulcers: The impact of recanalization and persistent reflux on 12-month healing rates	Toni Pihlaja	FI
O-199	A Randomized Control Trial Comparing Immediate and Delayed Treatment of Varicose Veins Following Mechanochemical Ablation	Tasnuva Rahman	FI
O-200	Protein Biomarkers in Venous Leg Ulcer Fluid - A Systematic Review	Renitha Reddi	IE
O-201	Hybrid technique in the management of a case of mesenteric venous thrombosis with bowel complication.	Shih Jia Janice Tan	SG
O-202	Surgical versus interventional treatment of major acces site complications during transfemoral TAVI procedures	Moritz Wegner	DE
O-203	Patterns of superficial reflux in patients referred with superficial vein thrombosis.	Łukasz Woda	UK

SCIENTIFIC PROGRAMME

Tuesday, 26 September 2023

# SCIENTIFIC PROGRAMME

15:30 – 17:30  
Meeting Room 1B

Fast Track Session 10: Vascular Access/Education/Misc.

Chair: Pirkka Vikatmaa (FI)

Jury: Claudia Schrimpf (CH), Pekka Aho (FI), Fien Gryffroy (BE),  
Liliana Fidalgo Domingos (PT)

Tuesday, 26 September 2023

SCIENTIFIC PROGRAMME

	Paper Title	Presenting Author	Country
O-204	Transperitoneal vs. Retroperitoneal Approach for Open Conversion after Endovascular Aneurysm Repair	Sara Allievi	IT
O-205	Face, content and construct validity of a low cost and open-source endovascular simulator.	James Budge	UK
O-206	Prospective Evaluation of Effects of Neutrophil to Lymphocyte Ratio on Mortality after Elective Vascular Procedures	Prof Jae Cho	US
O-207	End of Life Care and for Patients Admitted to Hospital with Vascular Emergencies	Henry Davies	UK
O-208	The role of gender in perceived vascular surgical and cardiovascular residency training experience.	Shaidah Deghan Manshadi	CA
O-209	Iodophor-Impregnated apes Reduce Intraoperative Contamination Compared to no Adhesive ape. Systematic Review and Meta-analysis.	Albert González-Sagredo	ES
O-210	Reducing vascular access flow: a comparative study of banding and plication outcomes	Henrique Guedes Da Rocha	PT
O-211	Patency for second stage brachiobasilic arteriovenous fistula Comparative study between basilic vein transpositioning and superficialization	Mohamed Ismail	EG
O-212	Open versus Endovascular management of thrombosed Arteriovenous shunt for hemodialysis: A Systematic Review and Meta-Analysis	Thomas Jatiman	IDN
O-213	L-lactate and ischemia modified albumin as markers of intestinal ischemia after elective abdominal aortic surgery	Tomas Novotny	CZ
O-214	The trainee's way to peak performance: continuous objective assessment and feedback from real vascular procedures.	Jonathan Rasmussen	DK
O-215	Excelling in open and endovascular aneurysm repair: Massed and distributed simulation training yields similar improvement	Jonathan Rasmussen	DK
O-216	A novel technique of totally percutaneous arterio-venous shunt for hemodialysis access : the Percut-AV-bypass	Pierre Sarradon	FR
O-217	Development and validation of a comprehensive certifying course in endovascular aortic repair with realtime testing.	Rebecca Skov	DK
O-218	A Quality Improvement Project on Operative Records	Vernie Wen Yee Soh	UK
O-219	Long-term outcomes of embolization of splenic artery aneurys	Nicola Troisi	IT
O-220	Protein-based tissue adhesive reduces time to hemostasis in peripheral vascular surgery	Nicola Troisi	IT



3-4 June 2024

# ESVS Translational Spring Meeting Stockholm, Sweden

**Topic: Frontiers in precision medicine  
for peripheral vascular disease**

The Translational Spring Meeting, in **collaboration** with ESVB, **promotes** Translational Science in European Vascular Surgery.

This meeting aims to **bring together** basic researchers, industry and physicians on the **same site** to provide scientific updates on **burning issues** in the field of vascular biomaterials, education, vascular biology and imaging.

**Young researchers** will be given the chance to **present their work** to a panel of **key opinion leaders** in their fields of interest and to compete for the **Young Researcher Prize**.

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Visit [www.esvs.org](http://www.esvs.org) for more information and to register

# SCIENTIFIC PROGRAMME

07:30 – 08:30  
Hall 2A

AGM

Reserved to ESVS members only

08:30 – 10:00  
Main Auditorium

01 | Vascular Surgery, Where North meets South

**Chairs:** Denis Harkin (UK), Mary Barry (IE), Philippe Kolh (BE)

- When you are old! **Paul Blair (UK/IE)**
- Climbing that next mountain: Lessons on Resilience from an Everest and Antarctic Explorer. **Chris Imray (UK)**
- The story of Ireland's Endovascular Revolution. **Prakash Madhavan (IE)**
- Where's the Evidence: Building Surgical Research Capacity in Ireland. **Stewart Walsh (IE)**
- Training on the Western Edge of Europe. **Aoife Kiernan (IE)**
- Is Big Beautiful: our experience as the largest Centralised Vascular Service in the United Kingdom and Ireland. **Julie Reid (UK)**
- Lab Based Skills Acquisition in Surgery: Even better than the real thing? **Brian Manning (IE)**

08:30 – 10:00  
Hall 2A

02 | Burning Questions regarding DTA Guidelines

**Chairs:** Ian Loftus (UK), Liliana Fidalgo Domingos (PT), Fabio Verzini (IT), Tilo Kölbel (DE)

- Is it possible to make DTA guidelines in view of the low evidence. **Kevin Mani (SE)**
- How to solve the urgent need for centralization of DTA disease. **Ian Loftus (UK)**
- DTA guidelines: is there anything new at all? **Liliana Fidalgo Domingos (PT)**
- Adjunctive techniques when treating DTA. **Tilo Kölbel (DE)**
- Diameter threshold and individualized treatment indication. **Maarit Venermo (FI)**
- Chair wrap-up

Wednesday, 27 September 2023

SCIENTIFIC PROGRAMME



General Session



ESVS Symposia



Scientific Session



EVST Session

## SCIENTIFIC PROGRAMME

08:30 – 10:00  
Studio

### 01 | Scientific Session: Aortic

**Chairs:** Bijan Modarai (UK), Rebecka Hultgren (SE), Kak Khee Yeung (NL)

Nine best presentations selected amongst the Fast-Track Oral Presentations Sessions, will be presented here. Selected presentations will be announced on the online programme overview.

10:30 – 12:00  
Main Auditorium

### 03 | ESVS 2024 Clinical Practice Guidelines on the Management of Asymptomatic Lower Limb Peripheral Arterial Disease and Intermittent Claudication

**Chairs:** Christian-Alexander Behrendt (DE), Joakim Nordanstig (SE), Joseph Mills (USA), Philippe Kolh (BE)

- The new ESVS clinical practice guideline on asymptomatic lower limb PAD and intermittent claudication: development, general concepts, overall patient management and important highlights. **Joakim Nordanstig (SE)**
- Highlights regarding diagnosis, classification, and screening in lower limb peripheral arterial disease. **Willemien van de Water (NL)**
- Lower limb peripheral arterial disease risk factor management. **Christian-Alexander Behrendt (DE)**
- Exercise therapy in intermittent claudication. **Maria Bäck (SE)**
- Best lower limb revascularisation practise in patients with intermittent claudication. **Anne Lejay (FR)**
- Panel Discussion

10:30 – 12:00  
Hall 2A

### 04 | Breaking News in Clinical Trials

**Chairs:** Martin Björck (SE), Maarit Venermo (FI)

- Update on SUNDAY trial. **Jacob Budtz-Lilly (DK)**
- Update on BEST CLI. **Alik Farber (USA)**
- Update on Basil 2 trial: the main results. **Andrew Bradbury (UK)**
- Registry based randomized trials – aiming capture the good parts of an RCT within an EHR construct – ongoing RRCTs in PAD. **Matthew Menard (USA)**
- ACST 2 MRI sub-study. **Benjamin Wagner (UK)**
- Two year results of the DISCOVER Trial: Covered Versus Bare Metal Stents in the CIA. **Joost A. Bekken (NL)**
- Long Term Results of a Trial of Stenting of the SFA for IC. **Thordur Gunnarson (SE)**
- The effect of a suspended radiation protection system in occupational radiation doses and ergonomy during EVAR procedures. A randomised controlled trial. **Pekka Aho (FI)**

 General Session

 ESVS Symposia

 Scientific Session

 EVST Session

# SCIENTIFIC PROGRAMME

10:30 – 12:00  
Studio

02 | Scientific Session: Prize Session

**Chairs:** Stavros Kakkos (GR), Sebastian Debus (DE), Alison Halliday (UK),  
**Jury:** Isabelle Van Herzeele (BE), Arindam Chaudhuri (UK),  
Melina Vega de Ceniga (ES), Jonathan Boyle (UK), Ross Naylor (UK)

Nine best presentations selected amongst the Prize Fast-Track Oral Presentations Sessions, will be presented here. Selected presentations will be announced on the online programme overview.

12:00 – 13:00  
Main Auditorium

05 | VASCUNET: Vascular Quality Assessment:  
State of the Art

**Chairs:** Christian-Alexander Behrendt (DE), Jacob Budtz-Lilly (DK),  
Grace Wang (USA)

- "Vascular surgery registries and industry, a North American perspective".  
**Adam W. Beck (USA)**
- "Vascular surgery registries and industry, a European perspective".  
**Jonathan Boyle (UK)**
- "Big Data, AI and Research in vascular surgery". **Fabien Lareyre (FR)**
- "Latest AAA outcomes from Vascunet from the past decade". **Arun Pherwani (UK)**
- VASCUNExplants in Women. **Cristina López Espada (ES)**

14:00 – 14:30  
Main Auditorium

Presidential Address

**Chairs:** Philippe Kolh (BE)

14:30 – 15:00  
Main Auditorium

J. Powell Honorary Lecture

**Chairs:** Philippe Kolh (BE)

- Introduction. **Philippe Kolh (BE)**
- The Vascular Journey to Evidence. **Alik Farber (USA)**

Wednesday, 27 September 2023

SCIENTIFIC PROGRAMME



General Session



ESVS Symposia



Scientific Session



EVST Session

## SCIENTIFIC PROGRAMME

15:00 – 16:00  
Main Auditorium

06 | 2023 State-of-the-Art in diagnosis and management of chronic pelvic venous disorders

**Chairs:** Stephen Black (UK), Karoliina Halmesäki (FI), Liliana Fidalgo Domingos (PT)

- Multimodal imaging in assessing venous disease is the standard of care, when indicated, **Efthymios Avgerinos (GR)**
- Dedicated venous stents for the post-thrombotic syndrome: did they bring what they promised? **Stephen Black (UK)**
- Optimum management of femoral inflow disease for patients undergoing iliac vein stenting. When is endovascular or open surgery justified? **Houman Jalaie (DE)**
- Coil embolization of the gonadal and internal iliac veins is the treatment of choice for symptomatic pelvic venous disorders causing varicose veins. **Sergio Silva (PT)**
- Plug embolization and sclerotherapy of the gonadal and internal iliac veins is the treatment of choice for symptomatic pelvic venous disorders causing varicose veins. **Aleksandra Jaworucka-Kaczorowska (PL)**

15:00 – 16:00  
Hall 2A

07 | Radiation Safety: How the ESVS Guidelines Inform Real Life Practice

**Chairs:** Bijan Modarai (UK), Isabelle van Herzeele (BE)

- Case presentation. **Ashish Patel (UK)**
- Personal radiation protection. **Adrien Hertault (FR)**
- Panel Discussion
- Case presentation. **Maisam Shihab (SE)**
- Hybrid OR set up for radiation protection. **Mark Farber (USA)**
- Health issues related to radiation exposure. **Liz Ainsbury (UK)**
- Panel Discussion

15:00 – 16:00  
Studio

03 | Scientific Session: Aortic

**Chairs:** Hence Verhagen (NL), Rebecka Hultgren (SE), Tilo Kölbel (DE)

- Six best presentations selected amongst the Fast-Track Oral Presentations Sessions, will be presented here. Selected presentations will be announced on the online programme overview



General Session



ESVS Symposia



Scientific Session



EVST Session

## SCIENTIFIC PROGRAMME

16:30 – 17:00  
Main Auditorium

08 | Dilemma: Should I follow Published Guidelines or Trial results when treating a patient?: Carotid Guidelines (incl. TCAR discussion)

Chairs: Stavros Kakkos (GR), Richard Bulbulia (UK)

- Difficult decisions for a symptomatic patient. **Isabelle van Herzeele (BE)**
- Difficult decisions for an asymptomatic patient. **Laura Capoccia (IT)**

17:00 – 17:30  
Main Auditorium

09 | A Safe Vascular Workplace to Attract, Train and Retain Vascular Surgeons - The Role of Everyone!

Chairs: **Isabelle van Herzeele (BE)**, **Elixène Jean-Baptiste (FR)**, **Athanasios Saratzis (UK)**, **Neeraj Bhasin (UK)**

- Bullying, undermining and harassment undermines the safe vascular workplace – results of an international survey. **Rachael Forsythe (UK)**
- Neither here, nor there, but all good: my personal journey (with respect to equality, diversity and inclusion). **Neeraj Bhasin (UK)**
- Involve EVERYONE to create a safe workplace! **Scarlett McNally (UK)**
- Discussion
- Take home messages. **Isabelle van Herzeele (BE)**

17:30  
Main Auditorium

Welcome Ceremony

Wednesday, 27 September 2023

SCIENTIFIC PROGRAMME



General Session



ESVS Symposia



Scientific Session



EVST Session

## SCIENTIFIC PROGRAMME

08:00 – 09:00  
Main Auditorium

10 | Dilemma: Should I follow Published Guidelines or Trial results when treating a patient?: Graft infection guidelines

**Chairs:** Anders Wanhainen (SE), Nabil Chakfé (FR), Sonia Ronchey (IT)

- Case report + discussion. **Liliana Fidalgo Domingos (PT)**
- Accuracy of FDG positron emission tomography to detect vascular graft and endograft infection. **Clark Zeebregts (NL)**
- Diagnostic protocol for graft infection needs modifications. **Zoran Rancic (CH)**
- Treatment of graft infection caused by mycotic aneurysm. **Ivika Heinola (FI)**
- Selection of patients for in situ reconstruction, what has changed? **Xavier Berard (FR)**

08:00 – 09:00  
Hall 2A

11 | Digital education is here to stay

**Chairs:** François Saucy (CH), Melina Vega de Ceniga (ES), Rob Hinchliffe (UK)

### Virtual Vascular

- History and introduction. **Sebastian Debus (DE)**
- Live interview. **Egle Kavailunaite (DK), Maarit Venermo (FI), Jonothan Earnshaw (UK)**
- Panel discussion on how to keep Virtual Vascular fresh. **Rob Hinchliffe (UK)**

### E-library

- Technical side of e library. **Madina Lapeyre (FR)**
- Interactive Quiz. **François Saucy (CH)**
- Introduction to E Learning module. **Willemien van de Water (NL)**
- Interactive Quiz. **François Saucy (CH)**
- E Library for institutions. **Pirkka Vikatmaa (FI)**
- Panel discussion on potential of e-learning tools and importance for the future. **François Saucy (CH)**
- Audience Q&A. **Harm Ebben (NL)**



General Session



ESVS Symposia



Scientific Session



EVST Session

# SCIENTIFIC PROGRAMME

08:00 – 09:30  
Studio

01 | EVST Scientific Session: Prize Session

**Chairs:** Vaiva Dabravolskaitė (FI), Aleksandra Vujcic (RS), Ryan Gouveia e Melo (PT), Matt Spreadbury (NO)

- External validation of OAC3-PAD antithrombotic-therapy bleeding-risk prediction score in a large-cohort of revascularized PAD-patients in Sweden. **Vishal Amlani (SE)**
- Morbidity and Mortality following repair of Ruptured Abdominal Aortic Aneurysms in Octogenarians. **Shaidah Deghan Manshadi (CA)**
- Comparison of Caprini and Worcester Scores for extended prophylaxis after ambulatory endovenous ablation. **Megan Power Foley (IE)**
- Spontaneous dissection of digestive arteries. Monocentric study on 173 patients. **Nicla Settembre (FR)**
- Endovascular repair of one-hundred urgent/emergent frank/contained thoraco-abdominal aortic aneurysms ruptures: an International Multi-center Trans-Atlantic experience. **Paolo Spath (IT)**
- Nationwide Outcome Analysis of Women-Specific Threshold for Repair of Abdominal Aortic Aneurysms. **Mareia Talvitie (SE)**

09:00 – 10:00  
Main Auditorium

12 | AI in vascular surgery – the future?

**Chairs:** Igor Koncar (RS), Alison Halliday (UK), Philippe Kolh (BE)

- Robot-guided duplex interventions. **Mark Preuss (DE)**
- AI in peripheral vascular disease. **Fabien Lareyre (FR)**
- AI for endoleak detection. **Kak Khee Yeung (NL)**
- Taxinomis project – Stratification of carotid patients. **Dimitris Fotiadis (GR)**
- Cardiovascular measurements in abdominal MRI. **Nicolas Basty (UK)**

Thursday, 28 September 2023

SCIENTIFIC PROGRAMME



General Session



ESVS Symposia



Scientific Session



EVST Session

## SCIENTIFIC PROGRAMME

10:30 – 12:00  
Main Auditorium

13 | Trauma, Past and Present: from Belfast to Bakhmut

**Chairs:** Martin Björck (SE), Alison Halliday (UK), Maarit Venermo (FI)

- Major arterial injuries retrospective and lessons learnt. **Denis Harkin (UK)**
- Reflections of a Surgeon of the Troubles. **Roy Spence (UK)**
- Reconstructed extremity vascular battlefield injuries in Ukraine April to July 2022. **Andriy Nykonenko (UA)**
- Human Acellular Vessel in surgical repair of combat polytrauma with arterial injuries: Preliminary Results from Dnipro Hospital. **Oleksandr Sokolov (UA)**
- How to support the vascular surgeons in Ukraine: experiences from the ESVS and the Finnish Surgical Society. **Pirkka Vikatmaa (FI)**
- Why do we need Vascular Trauma Guidelines and what to expect from them? **Carl Wahlgren (SE)**

10:30 – 12:00  
Hall 2A

14 | Best abstracts of young vascular surgeons from national societies

**Chairs:** Stavros Kakkos (GR), Igor Koncar (RS), Zoran Rancic (CH)

- The role of the vascular surgeon in pancreatic surgery: management of aberrant right hepatic arteries. **Adam Whitley (CZ)**
- Individualized risk of rupture assessment of abdominal aortic aneurysm using artificial intelligence - A development and validation study for individual prognosis. **Joachim Sejr Skovbo Kristensen (DK)**
- A Randomized Control Trial Comparing Immediate and Delayed Treatment of Varicose Veins Following Mechanochemical Ablation. **Tasnuva Rahman (FI)**
- Endarterectomy versus Angioplasty and Stenting in Patients With Asymptomatic Carotid Stenosis: a Systematic Review of the Literature. **Loukia Alexopoulou-Prounia (GR)**
- A first-cycle audit of primary care referrals for suspected Peripheral Arterial Disease – A missed opportunity for early secondary prevention. **Megan Power Foley (IR)**
- “One-Year Outcomes of Zilver PTX Versus Eluvia for Femoropopliteal Disease in Real-World Practice REALDES Study-”. **Tsuyoshi Shibata (JP)**
- Measurement of Revascularization Effect Using Near Infrared Spectroscopy in Below the Knee Arteries. **Valerija Mosenko (LT)**
- Results of the DISCOVER Trial Comparing Covered Versus Bare-Metal Stents in the Common Iliac Artery. **Joost Bekken (NL)**
- Endovascular Treatment Versus Open Surgery for Iliac Artery Aneurysms: A Systematic Review and Meta-Analysis. **Marta Machado (PT)**
- Open repair of AAA in patients with hostile abdomen unsuitable for endovascular repair. **Andrija Roganovic (RS)**

 General Session

 ESVS Symposia

 Scientific Session

 EVST Session

## SCIENTIFIC PROGRAMME

10:30 – 12:00  
Hall 2A

14 | Best abstracts of young vascular surgeons from national societies (Cont.)

**Chairs:** Stavros Kakkos (GR), Igor Koncar (RS), Zoran Rancic (CH)

- Esophageal perforation as a complication of supra-aortic trunk debranching in a patient with marfan syndrome. **Ilkin Bakirli (SK)**
- Duplex-ultrasound as a single imaging test for GLASS assignment stage and comparison with intraoperative arteriography. **Carlos Martinez-Rico (ES)**
- Women with intact abdominal aortic aneurysms remain untreated – A multicenter study at three European Departments of Vascular Surgery. **Mareia Talvitie (SE)**
- Correlation between sarcopenia with short- and long-term outcomes following endovascular aortic aneurysm repair. **D. Mapelli (CH)**
- Prospective seven year results of the first French intestinal stroke center. **Iannis Benabdallah (FR)**

10:30 – 12:00  
Studio

04 | Scientific Session 4: CLTI & PAD

**Chairs:** Matti Laine (FI), Nicla Settembre (FR), Birgitta Sigvant (SE)

Nine best presentations selected amongst the Prize Fast-Track Oral Presentations Sessions, will be presented here. Selected presentations will be announced on the online programme overview.

12:00 – 13:00  
Main Auditorium

05 | Scientific Session: Miscellaneous

**Chairs:** Matthew Eagleton (US), Sabrina Houthoofd (BE), Anne Lejay (FR)

Six best presentations selected amongst the Fast-Track Oral Presentations Sessions, will be presented here. Selected presentations will be announced on the online programme overview.

Thursday, 28 September 2023

SCIENTIFIC PROGRAMME



General Session



ESVS Symposia



Scientific Session



EVST Session

## SCIENTIFIC PROGRAMME

14:00 – 14:30  
Main Auditorium

N. Volodos Honorary Lecture

Chairs: **Philippe Kolh (BE)**

- Introduction. **Philippe Kolh (BE)**
- General AI in Modern Healthcare. **Umang Patel (UK)**

14:30 – 16:00  
Main Auditorium

15 | WFVS Session

Chairs: **Philippe Kolh (BE), Palma Shaw (US), Prem Gupta (IN)**

- Rutherford Lecture: The importance of education in vascular surgery. **Peter Gloviczki (US)**
- Open repair of endoleaks following EVAR. **Johannes Hoffman (DE)**
- Surgical Management outcomes in infected abdominal aortic aneurysm. **Ajay Savlania (IN)**
- A team-based approach in limb salvage – SALSA experience. **Wei Zhou (US)**
- Saphenous vein ablation: a word of caution. **Alberto Munoz (CO)**
- How to do hybrid cases when there is no hybrid OR. Lessons learnt. **Thodur Vasudevan (AU)**
- Global Vascular Companionship – A step toward equitable vascular care for each person in every nation. **Iman Bayat (AU)**
- Digital Global healthcare literacy as an Adjunct to Informed Patient Consent. **Jay Pillai (SA)**
- Risk analysis and development of a risk prediction score for aortic aneurysm enlargement with Type II endoleak after EVAR. **Keisuke Kawaida (JP)**

14:30 – 16:00  
Hall 2A

06 | Scientific Session: Miscellaneous

Chairs: **Armando Mansilha (PT), Cristina López Espada (ES), Anne Lejay (FR)**

Nine best presentations selected amongst the Prize Fast-Track Oral Presentations Sessions, will be presented here. Selected presentations will be announced on the online programme overview.

## SCIENTIFIC PROGRAMME

14:30 – 16:00  
Studio

02 | EVST Session with clinical cases: Vascular Trauma

**Chairs:** Vaiva Dabravolskaitė (FI), Aleksandra Vujcic (RS), Ryan Gouveia e Melo (PT), Matt Spreadbury (NO)

- Topic: endovascular treatment of neck injury. **Maria Antonella Ruffino (IT)**
- Topic: upper extremity injury. **Marko Dragas (RS)**
- Topic: aortic seatbelt injury. **Pedro Amorim (PT)**
- Topic: endovascular treatment of a thoracic vascular injury. **Tal Hörer (SE)**
- Topic: endovascular treatment of a thoracic paediatric injury. **Carl Wahlgren (SE)**

16:30 – 18:00  
Main Auditorium

16 | The big debates

**Chairs:** Ian Loftus (UK), Alison Halliday (UK), Mary Barry (IE)

- DEBATE 1: BEST-CLI is applicable to most vascular patients so that bypass grafting is the first option. **Palma Shaw (US)**
- Endovascular revascularisation remains the treatment option for most patients in the post BEST-CLI era. **Matthew Menard (US)**
- Discussion and vote
- DEBATE 2: Advanced endograft solutions for AAA patients with hostile neck anatomy. **Tara Mastracci (UK)**
- Open repair is the standard of care for good risk AAA patients with hostile neck anatomy. **Alun H. Davies (UK)**
- Discussion and vote
- DEBATE 3: carotid stenting. **Riikka Tulamo (FI)**
- Carotid endarterectomy. **Frederico Bastos Goncalves (PT)**

Thursday, 28 September 2023

SCIENTIFIC PROGRAMME



General Session



ESVS Symposia



Scientific Session



EVST Session

## SCIENTIFIC PROGRAMME |

16:30 – 18:00  
Hall 2A

17 | WFVS World Debates – CLTI practices

**Chairs:** Philippe Kolh (BE), Maarit Venermo (FI), Prem Gupta (IN)

- CLTI Guidelines. **Philippe Kolh (BE)**
- Survey of worldwide CLTI practices. **Prem Gupta (IN), Maarit Venermo (FI)**
- Anatomy and outcome of Voyager according to angiographic corelab findings. **Sebastian Debus (DE)**
- Role of infragenicular drug eluting stent in chronic critical limb threatening ischemia with compromised runoff for limb salvage – Our experience of 24 limbs. **Dhanesh Kamerkar (IN)**
- Development of JCLIMB calculator and verification of its usefulness. **Shinsuke Mii (JP)**
- Can Pedal Acceleration Time (PAT) predict Foot Healing and Major Lower Limb Amputation in Patients With CLTI. **Manar Khashram (NZ)**

16:30 – 18:00  
Studio

07 | Scientific Session: Miscellaneous

**Chairs:** Zoran Rancic (CH), Liliana Fidalgo Domingos (PT)

Nine best presentations selected amongst the Prize Fast-Track Oral Presentations Sessions, will be presented here. Selected presentations will be announced on the online programme overview.

## SCIENTIFIC PROGRAMME

08:00 – 09:00  
Main Auditorium

18 | European Society for Vascular Surgery (ESVS)  
2023 Clinical Practice Guidelines on Antithrombotic  
Therapy for Vascular Diseases

Chairs: Chris Twine (UK), Stavros Kakkos (GR), Peter Gloviczki (US)

- Introduction to European Society for Vascular Surgery (ESVS) 2023 Clinical Practice Guidelines on Antithrombotic Therapy for Vascular Diseases. **Chris Twine (UK)**
- Antithrombotics for stable (non-intervened) lower limb, upper limb and renal arterial disease. **Christian-Alexander Behrendt (DE)**
- Antithrombotics post endovascular and open lower limb intervention. **Joakim Nordanstig (SE)**
- Antithrombotics for deep and superficial venous thrombosis. **Sergi Bellmunt Montoya (ES)**
- Antithrombotics for cancer associated venous thromboembolism, post venous intervention. **Stavros Kakkos (GR)**
- Summary. **Chris Twine (UK)**

08:00 – 09:00  
Hall 2A

19 | Innovative pathways of care and technologies for  
vascular surgery

Chairs: Stavros Kakkos (GR), Maarit Venermo (FI), Tara Mastracci (UK)

- Innovative polymer-based ALTO endovascular repair for AAAs with hostile neck anatomy: is it the standard of care and what will the JAGUAR TRIAL tell us? **Hence Verhagen (NL)**
- Conformable EVAR devices: can they overcome AAAs with extreme neck angulation and what will be the long-term outcomes of this solution. What will the BSET-CLEAVAR trial will bring us? **Colin Bicknell (UK)**
- Endovascular aneurysm repair with volume-dependent sac embolization: will it prevent post-EVAR sac expansion and lead to sac regression? **Sandro Lepidi (IT)**
- How to manage a Vascular Surgery Department. **Sebastian Debus (DE)**

Friday, 29 September 2023

SCIENTIFIC PROGRAMME



General Session



ESVS Symposia



Scientific Session



EVST Session

## SCIENTIFIC PROGRAMME |

08:00 – 09:00  
Studio

20 | Joint session with DGG: Vascular Education

**Chairs:** Bernhard Dorweiler (DE), Philippe Kolh (BE), Jörg Heckenkamp (DE)

- Endovascular Education in Germany: the endovascular surgeon DGG © and the endovascular specialist DGG ©. **Bernhard Dorweiler (DE)**
- Vascular assistance: the Endovascular Assistant DGG © and the Vascular Assistant DGG. **Sebastian Debus (DE)**
- ESVS Talk: ESVS Academy **Igor Koncar (RS)**
- ESVS Talk: UEMS. **Armando Mansilha (PT)**

09:00 – 10:00  
Main Auditorium

21 | Completion control after arterial procedures

**Chairs:** Denis Harkin (UK), Laura Capoccia (IT)

- For: Completion control after carotid endarterectomy – which method to use? **Pirkka Vikatmaa (FI)**
- Against: Completion control after carotid endarterectomy – why I don't use it? **Gert J. De Borst (NL)**
- The role of IVUS in completion control after peripheral endovascular procedures. **Maria Antonella Ruffino (IT)**
- How to assess bypass performance? **Joy Roy (SE)**
- Campfire session: Completion imaging after simple and complex endovascular aortic procedures. **Colin Bicknell (UK)**
- Campfire session: Discussion on Completion imaging after simple and complex endovascular aortic procedures **Giovanni Pratesi (IT)**

SCIENTIFIC PROGRAMME

Friday, 29 September 2023



General Session



ESVS Symposia



Scientific Session



EVST Session

## SCIENTIFIC PROGRAMME

09:00 – 10:00  
Hall 2A

22 | Acute limb ischaemia

**Chairs:** Kak Khee Yeung (NL), Vincent Jongkind (NL), Frederico Bastos Goncalves (PT)

- Case introduction. Acute Limb ischemia patient. **Lorenzo Patrone (UK)**
- Clinical Presentation and Diagnostic. **Lorenzo Patrone (UK)**
- Endo. **Konstantinos Stavroulakis (DE)**
- Surgery. **Vincent Jongkind (NL)**
- Postoperative medical therapy and follow-up. **Chris Twine (UK)**

09:00 – 10:00  
Studio

23 | Saving legs – “Roasting” the Critical Ischaemia Trialists

**Chairs:** Alison Halliday (UK), Sabine Wipper (AT), Melina Vega de Ceniga (ES)

- The patients we should have had in BEST-CLI and why they weren't entered – Alik Farber responses to the critique towards BEST CLI. **Alik Farber (US)**
- Prepared commentary. **Eva Saarinen (FI)**
- Unanswered questions in BASIL 2 and 3 and the BEST-CLI trials. **Matthew Popplewell (UK)**
- Prepared commentary. **Birgitta Sigvant (SE)**
- Why do trials in PVD take so long – can Registry-based trials like Swedpad speed up important results? **Joakim Nordanstig (SE)**

10:00 – 10:30  
Main Auditorium

Closing Ceremony

Friday, 29 September 2023

SCIENTIFIC PROGRAMME



General Session



ESVS Symposia



Scientific Session



EVST Session

## SCIENTIFIC PROGRAMME

10:30 – 12:00  
Main Auditorium

24 | Guidelines: AAA

**Chairs:** Anders Wanhainen (SE), Isabelle van Herzeele (BE), Sonia Ronchey (IT)

- The new ESVS 2024 Clinical Practice Guidelines on the Management of Abdominal Aorto-iliac Artery Aneurysms. **Anders Wanhainen (SE)**
- New and updated recommendations on screening, diagnosis, medical management and threshold for elective repair. **Carlota Prendes (DE)**
- Management of complex AAA. **Nikolaos Tsilimparis (DE)**
- Follow-up after AAA repair. **Frederico Bastos Goncalves (PT)**
- Other important new and updated recommendations; on surgical volume and centralization, surgical techniques, iliac aneurysm, and shared decision making **Isabelle van Herzeele (BE)**

10:30 – 12:00  
Hall 2A

25 | Genetic Aortopathy and Aortic Repair

**Chairs:** Julie de Backer (BE), Nicola Mangialardi (IT)

- Genetic aortopathy: how genotype influences surgical decision-making. **Sherene Shalhub (US)**
- Genetic aortopathies. **Germano Melissano (IT)**
- Aortic arch. **Takashi Azuma (JP)**
- Natural cause of GAS (genetic aortic syndromes). **Yskert von Kodolitsch (DE)**
- Thoracoabdominal aorta. **Tilo Kölbel (DE)**

10:30 – 12:00  
Studio

26 | The Intersocietal IWGDF, ESVS, SVS guidelines on peripheral artery disease in people with diabetes mellitus and a foot ulcer

**Chairs:** Philippe Kolh (BE), Nicolaas Schaper (NL), Prem Gupta (IN)

- Overview of diabetic foot guidelines. **Nicolaas Schaper (NL)**
- Diagnosis of PAD. **Joe Mills (US)**
- Prediction of wound healing or amputation in people with diabetes, PAD and a foot ulcer. **Rob Fitridge (AU)**
- Treatment of PAD. **Maarit Venermo (FI)**
- Round table discussion

# ACADEMY PROGRAMME

13:00 – 15:00  
Meeting room 2A

WS.01 | Varicose veins duplex – basic: ultrasound anatomy and pathophysiology – Ultrasound

Lead convenor: R. Vila, (ES)

Co-convenors: P. Kaszczewski (PL), E. Iborra (ES), F. Fernandes (PT)

When treating varicose veins, ultrasound examination is paramount, both in obtaining the right diagnosis and planning the optimal treatment strategy. This workshop aims to provide participants with the technical skills for accurate evaluation of deep and superficial vein incompetence, its origin and options for treatment.

13:00 – 15:00  
Meeting room 2B

WS.02 | Vascular anastomosis: fem – pop /- crural bypass (preselection) (BASIC & ADVANCED)

Lead convenor: C. Wahlgren, (SE)

Co-convenors: M. Truijers (NL), M. Neto (NL), W. Van de Water(NL)

This 2-hour workshop will focus on open arterial bypass. You can indicate if you wish to join the basic or advanced group. In the basic group we will focus on fem-pop bypass above and below the knee. In the advanced workshop we will focus on the crural bypass. Tips and tricks will be given by experts and you can have hands-on training on models. If you manage during the workshop, you can go from basic to advanced models as well.

13:00 – 15:00  
Meeting room 3A

WS.03 | Ultrasound guided puncture and closure devices for small hole procedures

Lead convenor: C. Martinez Rico (ES)

Co-convenors: X. Marti (ES), Z. Rancic (CH)

Knowledge and skills on how to achieve safe vascular access should be a part of every vascular surgeon's armamentarium. Ultrasound guided puncture reduces complications. After catheterization, a closure device may provide improved haemostasis and early mobilization but should always be balanced with the risk of haemorrhage and ischaemia. The workshop will be a mixture of hands-on training and interactive case discussions. All participants will have the opportunity to train and improve their technical dexterity for ultrasound guided access and closure devices to manage successfully percutaneous approaches 6-8 F.

Tuesday, 26 September 2023

ACADEMY PROGRAMME



Carotid Pathway



Vascular Aortic Pathway



PAD Pathway



Academic Pathway



Vascular Medicine Pathway



Venous Pathway



Aortic Pathway



Diagnostic

## ACADEMY PROGRAMME |

13:00 – 15:00  
Meeting room 3B

WS.04 | Practical Advice: How to implement guidelines of radiation protection

**Lead convenor:** Stefan Smorenburg (NL)

**Co-convenors:** Rutger Lelij (NL)

During this 2-hour interactive workshop the convenors will go through tips and tricks to perform endovascular procedures with radiation protection for the patient and doctor. How to use the hybrid room most optimal: fusion techniques and learning to use new software minimize radiation. Learn about the basic principles of radiation safety: ALARA and the usage of fusion techniques and catheters.

15:30 - 17:30  
Meeting room 2A

WS.05 | AVF planning

**Lead convenor:** R. Brambilla (UK)

**Co-convenors:** M. Tozzi (IT), F. Gentile (LU), E. Boyle (IE)

Arteriovenous fistula planning is the most important step before creating a successful open or percutaneous vascular access for dialysis, 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.



## ACADEMY PROGRAMME

15:30 – 17:30  
Meeting room 2B

WS.06 | Treatment of Acute Limb ischaemia  
(BASIC/INTERMEDIATE)

Lead convenor: G. Pratesi (IT)

Co-convenors: C. Unlu (NL), R. Lelij (NL)

This 2-hour workshop will focus on the treatment of acute limb ischaemia and different methods used for treatment including open or hybrid treatment of acute limb ischaemia. It is based hands-on opportunities to perform different procedures and use of dedicated devices including preoperative diagnostic tools and key factors for device selection; endovascular aspiration and mechanical thrombectomy devices; use of covered stents; tips and tricks; use of filter devices.

15:30 – 17:30  
Workshop room 3A

WS.07 | Ultrasound guided puncture  
and closure devices for large hole  
procedures

Lead convenor: C. Martinez Rico (ES)

Co-convenors: X. Marti (ES), M. Truijers (NL), S. Hofer (CH)

Endovascular repair is the first choice for many vascular conditions, and a full percutaneous approach leads to less discomfort for the patient and earlier mobilization. Knowledge and skills on how to achieve safe vascular access should be a part of every vascular surgeon's armamentarium. Ultrasound guided puncture reduce complications. After catheterization, closure device may provide improved haemostasis and early mobilization but should always be balanced with the risk of haemorrhage and ischaemia.

The workshop will include theoretical discussion and interactive cases. All participants will have the opportunity to train and improve their technical dexterity for ultrasound guided access and different closure devices to manage successfully percutaneous approaches in TAVI, EVAR, TEVAR, FEVAR, CERAB up to 24F.

15:30 – 17:30  
Meeting room 3B

WS.08 | Management of "swollen limbs"

Lead convenor: E. Wilton, (UK)

Co-convenors: M. Juszczak (UK)

Swollen limbs have a multifactorial origin and sometimes the main cause can be difficult to identify. The swelling from the wide term "vascular origin" is complex and needs to be recognized and correctly managed to have success of treatment and compliance of the patients.

Carotid Pathway

PAD Pathway

Vascular Medicine Pathway

Aortic Pathway

Vascular Aortic Pathway

Academic Pathway

Venous Pathway

Diagnostic

## ACADEMY PROGRAMME |

08:00 – 10:00  
Meeting room 1A

WS.09 | Open AAA: basic

**Lead convenor:** X. Berard, (FR)

**Co-convenors:** E. Iborra (ES), E. McKeivitt (UK), G. Maritati (IT), J. Eiberg (DK),  
F. Rohlfes (DE), M. Neskovic (RS)

Despite that there is an increase in use of EVAR for treatment of aortic aneurysms, the open repair is widely in use if the AAA. Since the volume of these procedures is decreasing, training on models becomes increasingly important. During the hands-on workshop participants will be able to train on this essential procedure on high quality pulsating models in pairs of two under supervision of expert faculty, who will give the tips and tricks how to obtain/improve open vascular surgery skills. At the end of the workshop participants will learn how to put infra- and suprarenal clamp and make end-to-end anastomosis by themselves.

08:00 – 10:00  
Meeting room 1B

WS.10 | Planning and sizing EVAR

**Lead convenor:** F. Bastos Goncalves (PT)

**Co-convenors:** E. Gallitto (IT), F. Bastos Goncalves (PT), A. Croo (BE)

There is an increase of number of Endovascular procedures on aortic aneurysms. Such a procedure requires careful and accurate planning and sizing. This generic workshop will focus on a structured approach (developed by ESVS Aortic path group, who are the faculty of this workshop) to evaluate CTA of a patient with elective infrarenal AAA and steps in measuring. The importance of C-arm angulation is one of the learning objectives. All participants will have the opportunity to learn and practice measurement using the dedicated softer and 3D workstation. After measurement, there will be booklets of the main EVAR devices available, so that the selection of exact stent-grafts will be done by participant.



# ACADEMY PROGRAMME

08:00 – 10:00  
Meeting room 2A

WS.11 | Treatment of Pelvic Venous Disorders  
– embolisation or stenting: when and how

Lead convenor: E. Avgerinos (GR)

Co-convenors: H. Jalaie (DE), M. Stanisic (PL) M. Ramirez Ortega (ES),  
D. Baccellieri (IT)

During this 2-hour workshop, participants will discuss with the experienced convenors about the indications for venous embolization, various techniques of the procedures (coils, fluids, foam) and factors influencing the outcomes of a deep venous embolization procedure. Aspects such as decision-making and planning, intra-operative imaging, device-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 embolization in the deep venous system.

08:00 – 10:00  
Meeting room 2B

WS.12 | AAA and EVARsurveillance

Lead convenor: A. Wanhainen (SE)

Co-convenors: C. Martinez Rico (ES), P. Kaszczewski (PL), Q. Ghulam (DK)

Vascular ultrasound is a harmless and portable investigation that can be used as an important tool in AAA-screening and EVAR-surveillance and qualify your next step i.e. additional imaging, and has replaced CTA in EVAR follow-up. This workshop is dedicated to those with as yet limited experience in vascular ultrasound. Prior vascular ultrasound experience is not expected. This online workshop will include case discussion on recorded examinations with AAA-screening and EVAR-surveillance. There will be room for questions and discussions.

08:00 – 10:00  
Meeting room 3A

WS.13 | Management of pain in patients with critical limb ischemia

Lead convenor: M. C. Sorella (IT)

Co-convenors: G. Ambler (UK)

Pain management is one of the most difficult aspects in the care of the patient affected by PAD. A good assessment and treatment of pain is one of the most effective parts of the treatment, both in preparation and for the postoperative care. It affects all patients with PAD at different levels of severity so it is to be considered endemic. Focusing on its causes and medications and treatment available, will improve the patient experience and their compliance to other aspect of their care.

Carotid Pathway

PAD Pathway

Vascular Medicine Pathway

Aortic Pathway

Vascular Aortic Pathway

Academic Pathway

Venous Pathway

Diagnostic

## ACADEMY PROGRAMME |

08:00 – 10:00  
Meeting room 3B

WS.14 | Access, cross-over and safe navigation  
in the arterial (BASIC)

**Lead convenor:** C. Nesbitt (UK)

**Co-convenors:** C. Twine (UK), I. van Herzele (BE), J. Rammell (UK), M. Truijers (NL)

Trainees are often overwhelmed by the wide array of endovascular kits 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. Next to that, tips and hands on-training for safe navigation in the arterial tree will be discussed and how to perform a cross-over on simulation models.

08:00 – 10:00  
Hall 2B

WS.15 | EVAR step by step 1 (device specific)

**Lead convenor:** E. Gallitto (IT)

**Co-convenors:** M. El Kassaby (IE), C. Mascoli (IT)

EVAR is minimally invasive method for treatment of abdominal aortic aneurysms (AAA). This workshop is a practical hands-on workshop that will allow the participants to select the appropriate endovascular tools for standard EVAR of an infrarenal AAA, to learn the various steps of EVAR, be able to deploy the abdominal stent-grafts and have a back-up plan should challenges arise. There will be specific devices for demonstration (Cook or Terumo Aortic\* p.62), simulator (if available for specific device) and model (glass, plastic, pulsating model) where WS participants will have opportunity to deploy the specific EVAR stent graft.

10:30 – 13:00  
Meeting room 1A & 1B

WS.16 | Endovascular repair of aortic arch

**Lead convenor:** S. Ronchey (IT)

**Co-convenors:** M. Antonello (IT), M. Lescan (DE), T.Kölbel (DE), A. O'Callaghan (IE)

Endovascular treatment of aortic arch is growing. This workshop is a practical, hands on workshop that will allow participants to understand general principles of procedures, and specific characteristics concerning orientation and consequent cannulation of supraaortic arteries. There will be specific devices for demonstration (Terumo, Artivion, Cook\* p.62), simulator and model (glass, plastic, pulsating model) where participants will have opportunity to deploy the aortic arch device.

Registration at least 14 days before the meeting, to indicate which the specific aortic arch device that they want to practice on a first-come first-served basis.

 Carotid Pathway  PAD Pathway  Vascular Medicine Pathway  Aortic Pathway  
 Vascular Aortic Pathway  Academic Pathway  Venous Pathway  Diagnostic

# ACADEMY PROGRAMME

10:30 – 13:00  
Meeting room 2A

WS.17 | Varicose veins duplex – pathology scanning and treatment planning by US

Lead convenor: R. Vila (ES)

Co-convenors: E. Iborra (ES), S. Rogers (UK) Q. Ghulam (DK), F. Fernandes (PT)

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 deep and superficial vein incompetence, its origin and options for treatment.

10:30 – 13:00  
Meeting room 2B

WS.18 | Arterial duplex below the knee

Lead convenor: X. Marti (ES)

Co-convenors: J. Eiberg (DK), C. Martinez Rico (ES), N. Rousas (IT)

Non-invasive vascular ultrasound investigation of the lower limbs arteries can be used as the sole examination to plan surgical revascularization in patients with CLI. Case discussion on a recorded examinations with disease. Hands-on workshop on healthy models to learn US anatomy and scan technique of lower limbs arterial tree below the knee.

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ACADEMY PROGRAMME



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PAD Pathway



Academic Pathway



Vascular Medicine Pathway



Venous Pathway



Aortic Pathway



Diagnostic

## ACADEMY PROGRAMME |

10:30 – 13:00  
Meeting room 3A

WS.19 | Medical management of the diabetic foot

**Lead convenor:** K. Evans-Bundy (UK)

**Co-convenors:** M. Juszczak (UK)

Every 1.2 seconds someone in the world develops a DFU. With the prospective increase of the diabetic population and increase of prevalence of PVD this can become an unsustainable medical and surgical issue. The knowledge on prevention and medical intervention can help in avoiding the transformation into a surgical need and also reduce the number of minor and major limb amputations.

10:30 – 13:00  
Meeting room 3B

WS.20 | Endovascular toolkit, endovascular treatment of calcified & CTO fem pop lesions (BASIC/MEDIUM)

**Lead convenor:** S. Fazzini (DE)

**Co-convenors:** L. Patrone (UK), C. Nesbitt (UK), M. Antonella Ruffino (IT)

This 2-hour workshop will focus on the endovascular tools and skills needed for the management of calcified or chronic total occlusions (CTO) of the femoropopliteal vessels - will be discussed and demonstrated on simulated models.

The focus of this workshop is how to treat a lesion that has been crossed and/or prepped, including the need for permanent scaffolds as well as the outcomes of the various treatment strategies after crossing. This course is based on interactive case discussions including the evidence and clinical expertise but various hands-on opportunities will be integrated. New tools used by experts will also be introduced in the workshop (atherectomy devices and ultrasound devices).

 Carotid Pathway       PAD Pathway       Vascular Medicine Pathway       Aortic Pathway  
 Vascular Aortic Pathway       Academic Pathway       Venous Pathway       Diagnostic

# ACADEMY PROGRAMME

10:30 – 13:00  
Hall 2B

WS.21 | EVST Aortic triathlon

**Lead convenor:** P. Zlatanovic (RS)

**Judge :** F. Saucy (CH), A. Kiernan (IE), J. Reid (UK), D. van den Hondel (NL)

Take part in the aortic triathlon competition!

This competition is designed for trainees, to enhance and promote the competition for basic AAA skills, like measuring and choosing the right endovascular components for infrarenal EVAR, performing simple EVAR, and basic open AAA repair. Applicants should be familiar with all procedures before applying for this competition.

Your team should consist of 2 persons, one senior and one junior resident.

If you do not apply with a team member, one will be arranged on the day. The winners will be able to do a rotation lasting three weeks at the Centre Hospitalier Universitaire (CHU) de Bordeaux with Xavier Berard and Eric Ducasse!

14:00 – 16:00  
Meeting room 1A

WS.22 | Open AAA: complex (incl. conversion to open surgery after EVAR)

**Lead convenor:** M. Jenkins (UK), X. Berard (FR)

**Co-convenors:** G. McKeivitt (UK), Z. Martin (IE), G. Maritati (IT), S. Wipper (AT)

Despite that there is an increase in the use of EVAR for treatment of complex aortic aneurysms, the open repair is still mandatory, if the AAA is not suitable for endovascular. Since the volume of these procedures is decreasing, training on models becomes increasingly important. During the hands-on workshop participants will be able to train in the steps of complex AAA open repair including suprarenal clamping and renal reconstruction. The explanation of failed EVAR from aorta and aortic reconstruction will be discussed too. Expert faculty will give tips and tricks to improve open vascular surgery skills. Participants will be asked to choose one of the two subject areas.

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Venous Pathway



Aortic Pathway



Diagnostic

## ACADEMY PROGRAMME |

14:00 – 16:00  
Meeting room 1B

WS.23 | Endoleak management

**Lead convenor:** E. Chisci (IT)

**Co-convenors:** J. Farrell (UK), M. Lescan (DE), S. Duvnjak (DK)

This is a hands on workshop with the objectives to learn when to treat Endoleak pre-emptive or when occurred in patients with EVAR, and how to do it and what tools/ material to use. It will be a combination of hands -on dedicated time to do on models 1. pre-operative or intra-operative vessel occlusion to prevent EL type II: occlusion of lumbar arteries, inferior mesenteric artery, internal iliac arteries... by coils, plug, or liquid embolic systems, but also the post-operative occlusion of endoleaks in case of existing EL type II after EVAR.

14:00 – 16:00  
Meeting room 2A

WS.24 | Minimally invasive treatment of CVI & Aesthetic phlebology: glue, laser, sclerotherapy

**Lead convenor:** M. Stanisic (PL)

**Co-convenors:** J. Hipola (ES), T. Pelak (PL)

The workshop is designed to discuss the minimally invasive modalities of treatment of venous disorders upon presented cases. Furthermore, hands-on stations will give the participants the possibility to prepare all the equipment (Cyanoacrylate glue kit, laser, foam kit) to be ready to use and also simulate the procedure. 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).

Some crucial tips and tricks and economic principles of the treatment will be presented and the role of translumination and ultrasound will be discussed.



## ACADEMY PROGRAMME

14:00 – 16:00  
Meeting room 2B

WS.25 | Arterial duplex above the knee

**Lead convenor:** Q. Ghulam (DK)

**Co-convenors:** S. Rogers (UK), F. Fernandes (PT), X. Marti (ES)

Non-invasive dyeless study of arteries of lower limbs can be used as the sole examination to plan surgical and endovascular revascularization in patients with claudication and critical limb ischaemia. This is a hands-on workshop on healthy models to learn US anatomy of lower limbs arterial tree above the knee. Prior ultrasound experience is not required. There will be case discussion on a recorded examination with disease.

14:00 – 16:00  
Meeting room 3A

WS.26 | How to write & review a paper

**Lead convenor:** M. Vega de Ceniga (ES)

This WS covers what a Vascular Surgeon, Vascular Surgical Trainee or Vascular Nurse needs to know about critically reviewing and having an in depth understanding of the quality of published literature. Although the phrase “publish or perish” is less relevant to modern vascular careers most colleagues and institutions still value those who contribute to the published scientific literature. The workshop will explain how to increase your chances of getting a manuscript accepted for publication in a scientific/medical/surgical journal. The workshop consists of a lecture delivered by well-respected vascular surgical colleagues with plenty of time for questions and answers throughout the workshop. The workshop is aimed at any clinician with an interest in vascular disease but is a must for trainees sitting professional exams (eg FEBVS) or who wish to publish their work and enhance their career progression.

## WORKSHOP REGISTER

*Buy workshops tickets at the main registration desk or on level 3, where an Academy representative can advise you.*

## ACADEMY PROGRAMME |

14:00 – 16:00  
Meeting room 3B

WS.27 | Endovascular Toolkit Advanced & Endovascular treatment below the knee (ADVANCED)

**Lead convenor:** M. Bosiers (CH)

**Co-convenors:** C. Unlu (NL), C. Twine, (UK)

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 familiarize them in a friendly, hands-on environment, with the opportunity to ask any question about endovascular tools to the expert faculty. Training on simulation models for below the knee lesions will be provided. New tools used by experts will also be introduced in the workshop (atherectomy devices and ultrasound devices).

14:00 – 16:00  
Hall 2B

WS.28 | TEVAR and adjuncts

**Lead convenor:** S. Trimarchi (IT)

**Co-convenors:** S. Deglise (CH), E. Gallitto (IT), G. Melissano (IT), Z. Martin (IE), A. O'Callaghan (IE)

There are different stent grafts for treatment different thoracic aorta pathologies. Despite the different deployment mechanisms, the goal is to obtain proximal and distal landing zone and exclude aneurysm. In aorta with short distal landing zone use of endo-anchors can provide fixation and sealing between stent-graft and native aorta. In dissections beside covered stent-graft there is a use of uncovered stents to facilitate true lumen expansion and improve target vessels perfusion.

Workshop is hands on and will include different stent-grafts.

# REGISTRATION IS ONGOING!!

*Workshop registration desk  
Level 3 opening hours:*

Tuesday	15:00 – 15:30
Wednesday	7:30 – 8:00
	10:00 – 10:30
	13:00 – 14:00
Thursday	7:30 – 8:00
	10:00 – 10:30
	13:00 – 14:00

# ACADEMY PROGRAMME

08:00 – 10:00  
Meeting room 1A

WS.29 | Open AVFistula basic

**Lead convenor:** M. Tozzi (IT)

**Co-convenors:** R. Brambilla (UK), F. Gryffroy (BE), G. Gosi (IE),  
M. O'Donoghue (IE), E. Boyle (IE)

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 radiocephalic and brachiocephalic fistula will be covered. All the accurate recommendations given in the workshop will enable the attendee to perform an avf creation and in turn increase survival of dialysis patients.

08:00 – 10:00  
Meeting room 1B

WS.30 | Hostile proximal neck: ChEVAR

**Lead convenor:** F. Bastos Goncalves (PT)

**Co-convenors:** E. Gallitto (IT), N. Oliveira (PT)

Use of parallel grafts is one of options for complete endovascular treatment of complex aortic aneurysms. Use of different combinations of EVAR and parallel grafts make its application demanding. The Endurant™ II stent graft is the first device approved for use in ChEVAR procedures – chimney endovascular aortic repair. It provides a standardised, off-the-shelf option for patients with juxtarenal aortic aneurysm and short proximal neck. It will discuss the indications of ChEVAR. This will be based on interactive case discussions but also includes a carousel of hands-on training focusing on the toolkit needed to carry out the procedural steps of ChEVAR.

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ACADEMY PROGRAMME



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Venous Pathway



Aortic Pathway



Diagnostic

## ACADEMY PROGRAMME |

08:00 – 10:00  
Meeting room 2A

WS.31 | Carotid duplex ultrasound

**Lead convenor:** S. Rogers (UK)

**Co-convenors:** E. Iborra (ES), F. Fernandes (PT), N. Rousas (IT)

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

08:00 – 10:00  
Meeting room 2B

WS.32 | Carotid artery stenting

**Lead convenor:** P. Righini (IT)

**Co-convenors:** A. Collins (UK), M. Kallmayer (DE), T. Castrucci (IT)

This simulator based workshop will teach you how to perform Carotid artery stenting. A team of experts will guide you step-by-step through the procedure. You will navigate through the arterial tree and perform carotid artery stenting on a simulator. Our convenors will give you tips and tricks and explain how to avoid pitfalls. Furthermore, for the first time, we will be able to guide you through flow reversal on a model to simulate TCAR procedures.



# ACADEMY PROGRAMME

08:00 – 10:00  
Meeting room 3A

WS.33 | Overview of the FEBVS exam and how to pass it

**Lead convenor:** S. Kouhia (FI)

**Co-convenors:** D. Lewis (UK)

This WS covers the role of the UEMS, the aim of the exam, the syllabus and the entry requirements. Participants will be expected to have read through the syllabus before attending and this will be sent to them. The format of the exam will then be explained including the clinical, academic and technical skills sections. The scoring system and tips on how to pass will then be discussed.

The second part of the workshop provides tips on how to pass the academic station including critical analysis of study design.

The workshop will end with a question and answer session.

08:00 – 10:00  
Meeting room 3B

WS.34 | Acute aortic syndrome (ICD)

**Lead convenor:** G. Melissano (IT)

Workshop is based on interactive case discussion on acute aortic syndromes (AAS) of thoracic aorta including all three life-threatening conditions: acute aortic B-dissection (AABD), intramural hematoma (IMH), and penetrating aortic ulcer (PAU). At the end of the workshop participants will learn the definitions of AAS, how to establish diagnosis (laboratory, CT angiography, ultrasound), what is best medical treatment of AAS in non-complicated AAS, indication for treatment in complicated AAS and timing of intervention, and treatment modalities (hands-on will be covered in other Aortic path workshops).

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## ACADEMY PROGRAMME |

08:00 – 10:00  
Hall 2B

WS.35 | EVAR step by step 2 (device specific)

**Lead convenor:** Zoran Rancic (CH)

**Co-convenors:** I. van Herzeele (BE), W. H. Eilenberg (AT), A. O'Callaghan (IE),  
S. Hofer (CH)

EVAR is a minimally invasive method for treatment of abdominal aortic aneurysms (AAA). This workshop is a practical hands-on workshop that will allow the participants to select the appropriate endovascular tools for standard EVAR of an infrarenal AAA, to learn the various steps of EVAR, be able to deploy the abdominal stent-grafts and have a back-up plan should challenges arise. There will be specific devices for demonstration (Medtronic or Gore\* p.62), simulator (if available for specific device) and model (glass, plastic, pulsating model) where WS participants will have opportunity to deploy the specific EVAR stent graft.

10:30 – 13:00  
Meeting room 1A

WS.36 | Open AVFistula complex

**Lead convenor:** J. Roy (SE)

**Co-convenors:** M. Tozzi (IT), G. Gosi (IE), E. Boyle (IE), R. Brambilla (UK),  
A. Mallios (FR)

Hands-on workshop demonstrating surgical techniques for dialysis access. Participants will practice techniques on models and will be taught tips and tricks. Techniques for proximal radiocephalic fistula, transposed brachiocephalic fistula and arteriovenous graft (AVG) will be covered. All the accurate recommendations, and useful tips and tricks that will be given in the workshop will enable the attendee to perform an avf creation and in turn increase survival of dialysis patients.

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# ACADEMY PROGRAMME

10:30 – 13:00  
Meeting room 1B

WS.37 | CERAB (ADVANCED)

**Lead convenor:** M. Antonella Ruffino (IT)

**Co-convenors:** R. Lelij (NL), G. Pratesi (IT)

During this 2-hour interactive workshop the convenors will, supported by case examples, explain and discuss how to deal with challenging aorto-iliac atherosclerotic disease.

During the WS a stepwise structured approach based on interactive cases will focus on wire selection, lesion crossing and stent placement in the aorta and iliac arteries including tips and tricks. Participants will be able to perform a CERAB procedure on a flow model. New tools used by experts will also be introduced in the workshop (atherectomy devices and ultrasound devices).

10:30 – 13:00  
Meeting room 2A

WS.38 | How to optimise treatment of deep venous system – acute and chronic lesions

**Lead convenor:** E. Avgerinos (GR)

**Co-convenors:** M. Stanisic (PL), H. Jalaie (DE), D. Baccellieri (IT),  
M. Ramirez Ortega (ES)

During this 2-hour workshop, participants will discuss with the convenors various factors influencing the outcomes of a deep venous stenting procedure.

The second part of the workshop will be dedicated to the management of acute venous thrombotic occlusions and the different options to treat those lesions including thrombectomy with the option to use local lytic agents or not and stenting. Aspects such as decision-making and planning, intra-operative imaging, stent-technologies and the procedural steps will be looked at.

Hands-on training at the stations will be preceded by the tutors' introduction, allowing to gain good insight into the best practice for restoring patency and stenting in the deep venous system.

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Diagnostic

## ACADEMY PROGRAMME |

10:30 – 13:00  
Meeting room 2B

WS.39 | Carotid endarterectomy

**Lead convenor:** R. Bulbulia, (UK)

**Co-convenors:** C. Schrimpf (CH), P. Righini (IT), R. Tulamo (FI), L. Capoccia (IT), M. Dragas (RS)

Hands on workshop demonstrating surgical techniques for carotid endarterectomy. In this workshop you will learn to perform open carotid TEA followed by patchplasty on an open surgery model (+/-shunting on preference). You will be guided by experts in the field who will provide tips and tricks. If you are preparing for the FEBVS exam, this WS might be a good preparation.

10:30 – 13:00  
Meeting room 3A

WS.40 | Academic station of FEBVS

**Lead convenor:** S. Kouhia (FI)

**Co-convenors:** M. Teraa (NL), E. Van Hattum (NL) A. Burdess (UK), G. Ambler (UK), A. Gratl (AT)

The academic section of any professional surgical exam seems to generate more anxiety among candidates than any other section. This WS covers what a Vascular Surgical Trainee needs to know about critically reviewing and understanding the quality of published vascular surgical literature. The workshop will explain how to review a paper and discuss your findings and opinions; specifically aimed at the academic section of the FEBVS exam. The workshop consists of a lecture delivered by well-respected vascular surgical colleagues with plenty of time for questions and answers throughout the workshop. Attendees will undergo a mock exam station, reviewing a manuscript, taking notes and discussing the manuscript with Faculty. The workshop is a must for trainees sitting professional exams (eg FEBVS).

10:30 – 13:00  
Meeting room 3B

WS.41 | Lifestyle medicine and vascular surgery

**Lead convenor:** M. Gargiulo (IT)

**Co-convenors:** F. Fratesi (UK)

Lifestyle medicine has always been a fundamental part of the clinical practice of Vascular Surgeons. In more recent years its impact on the overall wellbeing and outcomes in patients with cardiovascular disease has been demonstrated to be valid and effective.



# ACADEMY PROGRAMME

10:30 – 13:00  
Hall 2B

WS.42 | Distal landing zone in EVAR

**Lead convenor:** F. Verzini (IT)

**Co-convenors:** E. Chisci (IT), A. Collins (UK), R. Fisher (UK), D. McClain (UK)

Some EVAR procedures for AAA of isolated iliac aneurysms require covering hypogastric arteries. To prevent this, and maintain the perfusion one of the options is use of iliac branch device (IBD). This workshop is a practical hands-on workshop that will allow the participants to get familiar and use a different IBD, to learn the procedural steps of an IBD and to practice step by step the deployment of an IBD. There will be specific devices for demonstration (Artivion, Cook, Gore\*<sup>p.62</sup>), simulator (if available for specific device) and model (glass, plastic, pulsating model) where WS participants will have opportunity to deploy the IBD. Registration at least 14 days before the meeting and indicate device that they would prefer to practice.

14:00 – 16:00  
Meeting room 1A

WS.43 | Endovascular arteriovenous fistula creation US

**Lead convenor:** A. Mallios (FR), F. Gryffroy (BE)

Hands-on workshop demonstrating percutaneous techniques for dialysis access creation. At the end of the course, candidates will be able to identify endoAVF candidates, planning cases and perform the procedure. All the accurate recommendations, and useful tips and tricks will be given in the workshop.

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ACADEMY PROGRAMME



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Diagnostic

## ACADEMY PROGRAMME |

14:00 – 16:00  
Meeting room 1B

WS.44 | How to write a systematic review

**Lead convenor:** P. Stather (UK)

**Co-convenors:** G. Ambler (UK)

Systematic reviews and meta analyses of the published literature are a well recognised and respected way of contributing to our understanding of vascular disease. The course is designed to give the participants wider and clearer knowledge of how to plan, conduct, write up and publish a systematic review and/or meta analysis. As well as advancing knowledge, performing and publishing such reviews is an excellent way to enhance your curriculum vitae and career opportunities. The course is run by vascular surgeons who have enormous experience in conducting and supervising systematic reviews.

14:00 – 16:00  
Meeting room 2A

WS.45 | Endovenous treatment of chronic venous insufficiency – thermal techniques: Laser and RF

**Lead convenor:** J. Hipola (ES)

**Co-convenors:** M. Stanisic (PL) T. Pelak (PL)

The workshop is designed to discuss the minimally invasive treatment of venous insufficiency by thermal techniques – laser and radiofrequency. Hands-on stations will give the participants possibility to get familiar with and prepare all the equipment to be ready to use and also simulate the procedure. A special role tumescence anesthesia will be highlighted.

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

Furthermore, in small groups of participants interesting cases will be discussed.



# ACADEMY PROGRAMME

14:00 – 16:00  
Meeting room 2B

WS.46 | Intraoperative quality control after carotid endarterectomy

**Lead convenor:** L. Capoccia (IT)

**Co-convenors:** C. Schrimpf (CH), M. Kallmayer (DE)

Hands on WS demonstrating completion control for carotid endarterectomy. In this workshop you will be introduced to different completion control modalities following carotid surgery. You will be guided by experts in the field who will provide tips and tricks. The WS will provide the following completion control modalities: Intraoperative Angiography (simulator based and hands on a model); Intraoperative ultrasound; and Intraoperative flow measurement.

14:00 – 18:30  
Meeting room 3A

WS.47 | Clinical viva-voce

**Lead convenor:** S. Kouhia (FI)

**Co-convenors:** M. Teraa (NL), E. Van Hattun (NL), A. Burdess (UK), A. Gratl (AT)

Small groups rotate around 4-6 clinical stations covering limb ischaemia and trauma, aortic and visceral disease, carotid and upper limb disease and venous disease and thrombosis. At each station each participant will be asked to manage a clinical scenario for 10 minutes under simulated exam conditions whilst the other members of the group observe. The overarching objective of this course is to prepare candidates for some of the different parts of the FEBVS examination. This part of the course prepares candidates for the viva voce section of the examination. On completion of this section of the course, as well as assimilating knowledge of lower limb, carotid, aortic and venous conditions, candidates will have a high level of understanding of how to approach answering clinical oral exam questions in an ordered, organized and logical way. On completion of the course the candidate will have improved their chance of passing the FEBVS examination.

It is strongly recommended that you consider registering for all the workshops below. This is because the Clinical and Academic viva-voce stations are an integral and challenging part of the FEBVS exam. A good performance in all exam stations is essential to maximise your chances of passing. The workshops are tried and tested to improve attendees chances of success.

Statistics for Surgeons - Overview of the FEBVS exam – Academic station of the FEBVS exam – Clinical Viva Voce Practice

- Carotid Pathway
- PAD Pathway
- Vascular Medicine Pathway
- Aortic Pathway
- Vascular Aortic Pathway
- Academic Pathway
- Venous Pathway
- Diagnostic

## ACADEMY PROGRAMME

14:00 – 18:30  
Meeting room 3B & 2A

WS.48 | Certificate of competences in Vascular  
Ultrasound (CCVUS)

**Lead convenor:** R. Vila (ES)

**Co-convenors:** X. Marti (ES), C. Martinez Rico (ES), E. Iborra (ES), F. Fernandes (PT),  
S. Rogers (UK), L. Westerlin (DK), J. Eiberg (DK)

Ultrasound has been widely implemented as an important tool in the diagnostic armamentarium of vascular clinics across Europe. The aim of the Certificate of Competence in Vascular Ultrasound (CCVUS) is to assess basic vascular ultrasound competences and determine readiness of an operator to progress towards independent practice. Achieving an ESVS-certification in basic vascular US indicates that the experienced operator is able to demonstrate satisfactory technical skills, is able to scan without direct supervision, and has the decision-making skills to call on expert supervisors when needed.

The exam is divided in two parts: a practical and theoretical exam.

14:00 – 16:00  
Hall 2B

WS.49 | Essentials in BEVAR

**Lead convenor:** K. Yeung (NL)

**Co-convenors:** M. Neto (NL), B. Mees (NL), N. Dias (DE), T. Kölbel (DE)

BEVAR (Branched Endovascular Aortic Repair) is an option for the repair of complex aortic aneurysm with target arteries originating from aneurysm sac. This workshop is a practical hands-on workshop that will allow the participants to get familiar with and use a toolkit for BEVAR, including different bridge grafts, to learn the procedural steps of a BEVAR and to practice step by step the deployment of a branched stent graft. There will be specific devices for demonstration (Cook, Artivion\*<sup>p.62</sup>), simulator (if available for specific device) and model (glass, plastic, pulsating model) where WS participants will have opportunity to deploy the BEVAR. Registration at least 14 days before the meeting to indicate the specific device that they would prefer to practice on during the entire workshop.

 Carotid Pathway       PAD Pathway       Vascular Medicine Pathway       Aortic Pathway  
 Vascular Aortic Pathway       Academic Pathway       Venous Pathway       Diagnostic

# ACADEMY PROGRAMME

16:30 – 18:30  
Meeting room 1B

WS.51 | Stats for surgeons

**Lead convenor:** S. Bellmunt Montoya (ES)

**Co-convenors:** F. Alvarez Marcos (ES), G. Ambler (UK)

This WS covers what a Vascular Surgeon or Vascular Surgical trainee needs to know about statistics in the context of understanding published literature. The workshop consists of a lecture delivered by well-respected vascular surgical colleagues with plenty of time for questions and answers. The workshop is aimed at any clinician who sees vascular patients but is a must for trainees sitting professional exams (eg FEBVS).

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## ACADEMY PROGRAMME |

16:30 – 18:30  
Meeting room 2B

WS.52 | Physician-modified endograft (ICD)

**Lead convenor:** N. Tsimiparis (DE)

**Co-convenors:** V. Makaloski (CH)

Physician modified endograft (PMEG) offers versatility in use for different challenging aortic pathologies. Missing standardization of PMEG and expertise are one of the reasons for a lack of more extensive use.

The basic steps will be discussed through interactive case discussion: assessment if the PMEG is an option for treatment, what to take into consideration for adequate measurement with tips and tricks for adequate preparation of endograft.

Distinguished experts in this field will share their experience with attendees. You will be able to challenge the experts on how to create the PMEG for your own patients.

16:30 – 18:30  
Meeting room 3B

WS.53 | Current procedural treatment of chronic venous disease – ICD

**Lead convenor:** T. Pelak (PL)

**Co-convenors:** M. Stanisic (PL), J. Hipola (ES), E. Avgerinos (GR)

The workshop is designed to discuss the current treatment modalities of chronic venous disease by cases prepared by the experts. After a short introduction about general rules of the treatment options, the participants will be divided into small groups to discuss specific therapeutical modalities face-to-face with the tutor. Some crucial tips and tricks and economic principles of the treatment will be presented, too.



# ACADEMY PROGRAMME

16:30 – 18:30  
Hall 2B

WS.54 | Essentials in FEVAR

**Lead convenor:** B. Mees (NL), M. Lescan (DE)

**Co-convenors:** S. Deglise (CH), N. Dias (SE)

FEVAR (Fenestrated Endovascular Aortic Repair) is an option for the repair of complex aortic aneurysm that is close to, or involving the renal and visceral arteries. This workshop is a practical hands-on workshop that will allow the participants to get familiar with and use a toolkit for FEVAR, to learn the procedural steps of a FEVAR and to practice step by step the deployment of a fenestrated stent graft.

Thursday, 28 September 2023

ACADEMY PROGRAMME

\* EACCME: Commercial names of medical devices/software/equipment may appear in this content because they are linked to specific medical procedures, which are the focus of this training material. Other products in the market can be used to perform the aforementioned medical procedures. The educational provider does not endorse any particular product.

-  Carotid Pathway
-  PAD Pathway
-  Vascular Medicine Pathway
-  Aortic Pathway
-  Vascular Aortic Pathway
-  Academic Pathway
-  Venous Pathway
-  Diagnostic

The logo for the European Society for Vascular Surgery (esvs) is displayed in white lowercase letters. A white curved line underlines the letters 's' and 'v'. The background of the top half of the page is a photograph of surgeons in blue scrubs performing an operation in an operating room.

esvs

## MASTERCLASS LIVE

- More than **20 cases presented** during 4 days, and commented on by our team of experts and the operating surgeon.
- Join us and take the opportunity to **discuss the techniques with the surgeons!**

### TOPICS:

**17th January 2024 | Aortic** **NEW**

Hands on workshop at St George's University Hospital (UK) on Management of the juxtarenal aneurysm – Ian Loftus  
Followed by an online session at 19.00 CET

**31st January 2024 | Aortic** **NEW**

Hands on workshop at Amsterdam UMC (Netherlands) on Suprarenal and thoracic aneurysm – Vincent Jongkind  
Followed by an online session at 19.00 CET

**6th March 2024 | PAD** **NEW**

Hands on workshop at Helsinki University Hospital (Finland) on Infrainguinal PAD – Maarit Venermo  
Followed by an online session at 19.00 CET

**10th April 2024 | PAD** **NEW**

Hands on workshop at Maastricht UMC (Netherlands) on Open and endovascular treatment of inflow (aorta-iliaco-femoral) disease in PAOD – Barend Mees  
Followed by an online session at 19.00 CET

**REGISTRATION OPENS 2<sup>nd</sup> OCTOBER**

All the information on our website [www.esvs.org](http://www.esvs.org)

# POSTERS

## e-Poster Session 1: AAA

27.09.2023 | 08:30 – 10:00

Jury: **Ben Saleem (UK), Eva Saarinen (FI)**

POSTERS

	Presentation Title	Presenting Author
P-001	Elective Fenestrated EVAR offers greater durability than infrarenal EVAR with no increase in mortality	Giulia Bertagna
P-002	The efficacy of a standard protocol to prevent iliac limb occlusion in EVAR with Zenith-Alpha	Stefania Caputo
P-003	Preoperative selective branch embolization strategy for EVAR using 4D-flow MRI - a prospective study	Yusuke Endo
P-004	Management Of Isolated Internal Iliac Artery Aneurysm: Two Case Reports And Systematic Review	Baker Ghoneim
P-005	Preconditioning with Tetrahydrobiopterin improves outcome after spinal cord ischemia in a small animal model	Alexandra Gratl
P-006	Long-term outcomes and durability of Fenestrated Endovascular Aneurysm Repair (FEVAR): a meta-analysis of time-to-event data	Aurélien Guérault
P-007	Physician-modified iliac side branch to prevent spinal cord ischemia in an urgent endovascular aortic repair	Karolina Daria Malik
P-008	Endovascular management and long term outcome of rupture after previous endovascular abdominal aortic aneurysm repair	David McGreevy
P-009	Open aortic surgery outcomes in women: a single center experience	Mihailo Nešković
P-010	Dilemma in the management of saccular aortic aneurysms	Grishma Pradip
P-011	A tapered-shape custom inner-branch stent-graft to treat a complicated suprarenal pseudoaneurysm in narrow aortic lumen	Margot Ringold
P-012	Single-center elective combination of single Perclose®+Angio-Seal® compared to standard-of-care during Percutaneous Endovascular Aortic Aneurysm Repair.	Paolo Spath
P-013	Worldwide Practice of Follow-up Imaging after Endovascular Aneurysm Repair: FOREVAR Study	Lan Tran
P-014	Incidence, Prognostic Significance and Risk factors of Perioperative Acute Myocardial Injury following Infrarenal Standard EVAR	David Vecht
P-015	Long-term outcomes of chimney endovascular aneurysm repair procedure for complex abdominal aortic pathologies	Paolo Verlato
P-126	Endovascular repair of abdominal aortic aneurysm with Ovation stent graft system: A single unit experience	Tahir Bhatti

e-Poster Session 2: AAA

27.09.2023 | 10:30 – 12:00

Jury: **Maria Turkki (FI), Palma Shaw (US)**

	Presentation Title	Presenting Author
P-016	Mid-term evidence of Viabahn VBX bridging stentgraft in FEVAR: 2-year results from EXPAND multicenter Registry.	Mohammad Abualhin
P-017	Influence of fixation type on type-III endoleaks after EVAR and risk-factor analysis for recurrence	Francesco Andreoli
P-018	EVAR outcomes using bifurcated endograft focusing on grade, length and calcification of narrow aortic bifurcation	Claudio Bianchini Massoni
P-019	Factors associated with the requirement for Colectomy following Open Aortic Aneurysm Repair	Robbie Blair
P-020	Image-Based Assessment of Aortoiliac Aneurysm Anatomical Characteristics in Patients from the Global Iliac Branch Study	Alina-Marilena Bresler
P-021	Lesson Learned with ERAS for infrarenal aortic aneurysm surgery:hub-and-spoke regional network 15-Year Experience in 778-patients	Emiliano Chisci
P-022	Renal function impairment following elective fenestrated endovascular aortic repair: incidence and risk factors analysis.	Elda Chiara Colacchio
P-023	Inflammatory abdominal aortic aneurysm: biomechanical aspects	Erasmo Simão da Silva
P-024	Contemporary results of EVAR in the treatment of ruptured abdominal aortic aneurysms	Lara Dias
P-025	Elective volume of abdominal aortic aneurysm repair as a prognosis of mortality of ruptured repairs	Xavier Faner Capó
P-026	Abdominal Aortic Aneurysms in 65-year-old males in Malta – early results of the screening programme	Matthew Joe Grima
P-027	New Paradigm in Fenestrated Endovascular Aortic Repair: "No-Cross" concept to prevent crushing renovisceral bridging stents.	Angelos Karelis
P-028	A systematic review and meta-analysis of abdominal aortic aneurysms natural history	Nicola Leone
P-029	The multi-modality approach to the acute abdominal aortic aneurysm	Helena Smith
P-030	Five-year outcomes of EVAR with Zenith Alpha Abdominal stent-graft: results from a multicenter experience	Nicola Troisi
P-031	Metformin Use and Long-Term Outcomes following EVAR for Infrarenal Abdominal Aortic Aneurysm	Olivier van Tongeren
P-032	Safety, feasibility and efficacy of a solitary CT-guided thrombin injection for II endoleaks after EVAR.	Mikolaj Walensi

# POSTERS

## e-Poster Session 3: AAA

27.09.2023 | 12:00 – 13:00

Jury: **Rebecka Hultgren (SE), Carlota Prendes (DE)**

	Presentation Title	Presenting Author
P-033	Contained rupture of an isolated iliac aneurysm resulting in an ilio-iliac fistula: a systematic review	Stefanie Gijssels
P-034	Postimplantation syndrome: incidence and associated factors	Patricija Ivanova
P-035	To identify determinants of normal abdominal aorta diameter in the indian population	Vandana Kapoor
P-036	Endovascular aneurysm repair for a thrombosed abdominal aortic aneurysm, bilateral iliac and common femoral arteries	Marie Paullinet Remenyi
P-037	Intraoperative unfractionated heparin during ruptured aortic aneurysms repair can reduce short-term mortality and thromboembolic events	Tiago Ribeiro
P-038	Volumetric vs diametric measurement in the follow up of abdominal aortic aneurysm after endovascular repair	Joel Soriano Iniesta
P-039	Bridging Stent Graft Deployment without Sheath Support in Complex Endovascular Aortic Repair Procedures	Anna Sotir
P-040	Midterm outcomes of IIA preservation using surgeon's modified Endurant fenestrated leg	Wataru Tatsuishi
P-041	Early mortality changes in ruptured AAAs during the transition period from open surgery to EVAR	Georgios Volakakis

## e-Poster Session 4: CLTI

27.09.2023 | 15:00 – 16:00

Jury: Joy Roy (SE), Pirkka Vikatmaa (FI)

	Presentation Title	Presenting Author
P-042	Determinants of failure in autologous vein femoro-tibial bypass	Antonio Cappiello
P-043	Evolution of the inflammatory markers in patients with chronic limb threatening ischemia	Joana Ferreira
P-044	Outcome of single stage hybrid revascularization for multilevel peripheral arterial disease	Baker Ghoneim
P-045	Tissue engineered vascular graft "Biotube" for application in distal bypass for chronic limb-threatening ischemia	Ryuji Higashita
P-046	Chronic limb threatening ischaemia guidelines: a qualitative assessment using the AGREE II instrument.	Adele Lee
P-047	Infringuinal revascularization with infrapopliteal runoff via the peroneal artery in chronic ischemia with trophic lesions	Pedro Maximiano
P-048	Time and regional trends in hybrid re-vascularisation for patients with lower limb ischaemia	Shah Nawaz
P-049	Short-term outcomes of popliteal and infrapopliteal endovascular interventions in patients with CLTI: the THRILLER Registry	Michael Nugteren
P-050	Efficacy & Safety of Day-Case Lower Limb Endovascular Service: A model non-arterial /network vascular hospital	Lily Sofda Rahim
P-051	Role of Pedal Acceleration Time in CLTI as predictor of limb salvage and wound healing.	Shaurya Yadav

# POSTERS

## e-Poster Session 5: Carotid & Vertebral Arteries Disease/DTA

27.09.2023 | 16:30 – 17:30

Jury: Grace Wang (US), Wei Zhou (US)

	Presentation Title	Presenting Author
P-052	Intraoperative flow and stump pressure measurements in carotid near-occlusion	Mahia Aivaz Ihari
P-053	CFS as a predictor tool of adverse outcomes in patients undergoing endovascular TAAA repair	Simone Cuzzo
P-054	Reducing the length of stay following carotid endarterectomy by implementing a standardised post-operative pathway	Mohamed Elshaikh
P-055	The impact of age on the outcome of fenestrated/branched endografting in complex abdominal/thoracoabdominal aortic aneurysms	Enrico Gallitto
P-056	How to predict TEVAR early mortality: unlocking the potential of the modified 5-factor frailty index	Henrique Guedes Da Rocha
P-057	Delay to CEA	Christopher Nwaturor
P-058	Perioperative Outcome of Urgent and Emergency Descending Thoracic and Thoracoabdominal Aortic Replacement	Agni Salem
P-059	Coverage of the Left Subclavian Artery in TEVAR: Outcomes from a UK based multi-centre database.	Will Selway
P-060	Supraaortic debranching procedures using ring-reinforced 8 mm polytetrafluoroethylene (PTFE) – better than Dacron®?	Mikolaj Walensi
P-061	Caseload and Outcome of Carotid Surgery performed during the COVID-19 Pandemic vs. Previous Years	Werner Westreicher

## e-Poster Session 6: Miscellaneous 1

28.09.2023 | 08:00 – 10:00

Jury: **Pekka Aho (FI), Fiona Rohlfis (DE)**

	Presentation Title	Presenting Author
P-062	Percutaneous versus Cutdown Access for Endovascular Aortic Repair	Tariq Alanezi
P-063	Careers in Vascular and Endovascular Surgery in a Country Lacking an Integrated Vascular Residency Program	Tariq Alanezi
P-064	Carotid stenosis and abdominal aortic aneurysm: DUS screening in patients with coronary artery disease (C.E.R.C.A.M.I)	Tea Covic
P-065	Doctor, what should I do about my iliac aneurysm, could Artificial Intelligence help?	Antonio Da Silva
P-066	A Multi-Professional Clinic for AAA (MPC-AAA): Does it benefit patients?	Camilla Davies
P-067	Aortic mural thrombus progression under full-dose anticoagulation	Armanda Duarte
P-068	Infection after Endovascular Aortic Repair: two-decade single center experience with explant and biological reconstruction	Ilkka Järvinen
P-069	Trends in intraoperative vascular surgery consults at a tertiary institution.	Adele Lee
P-070	Does the venous case load of vascular surgery trainees in Australia reflect real world experiences?	Adele Lee
P-071	Resection and reconstruction of great vessels in retroperitoneal sarcoma surgery	Paula López García
P-072	National Survey to Vascular Surgery Residents – Satisfaction and Limitations of the Residency Program	Marta Machado
P-073	Endovascular Rescue of Complications in Percutaneous Common Femoral Artery Access During Endovascular Aortic Repair	Nivedita Mitta
P-074	A rare case of upper limb phlegmasia cerulea dolens	Leandro Nóbrega
P-075	Arterial access complication in patients undergoing ECMO – a retrospective analysis	Leandro Nóbrega
P-076	Tuberculous vascular disease: an intriguing report of an atypical presentation of a mycobacterium popliteal abscess	Fábio Pais
P-077	'Blue toe' syndrome presenting as a precursor to catastrophic antiphospholipid syndrome	Helena Smith
P-078	Outcomes Of Open Operative Management Of Pararenal/Paravisceral Aortic Infection	Armin Tabiei
P-079	Treatment of brachial artery aneurysms associated with arteriovenous fistulas – institutional experience	Carlos Veterano
P-080	Vascular inpatient frailty - implications for clinical management and outcome before and after the CoViD-19-pandemic.	Mikolaj Walensi
P-125	Orbital atherectomy for iliac arteries preparation in dismissed cases for kidney transplantation due to calcification	Cristina Tello-Díaz

# POSTERS

## e-Poster Session 7: Aortic Ach/Aortic Dissection/AAA

28.09.2023 | 10:30 – 12:00

Jury: **Nabil Chakfé (FR), Alun H. Davies (UK)**

	Presentation Title	Presenting Author
P-081	Current management strategies and clinical outcomes achieved in NANB AAD: systematic review and narrative synthesis.	Ottavia Borghese
P-082	Sodium [18F]fluoride uptake in patients with endoleak after endovascular aneurysm repair	Samuel Debono
P-083	Mid-term outcomes of hybrid and endovascular aortic arch surgery	Miquel Gil
P-084	Outcomes after false lumen embolization in aortic dissection	Nancy Halloum
P-085	Treating a type IA endoleak with a single retro branch custom-made TEVAR in zone 1	Nancy Halloum
P-086	Do patients presenting with a complicated or uncomplicated acute type B Aortic Dissection differ?	Cheyaanthan Haran
P-087	Feasibility of arch-branched endograft and balloon-expandable bridging stent in previous hybrid thoracic endovascular aortic repair	Nicola Leone
P-088	Novel modified inner branched arch endograft for pseudoaneurysm post type A dissection repair	Eric Lim
P-089	Surgical treatment at the chronic phase for uncomplicated Stanford type B aortic dissection	Akihito Matsushita
P-090	The optimal method for preemptive TEVAR in Stanford B aortic dissection with reentry in branches	Makoto Matsuura
P-091	Appropriateness of Preemptive TEVAR in the Acute Phase for High-Risk Uncomplicated type B Aortic Dissection	Tsuyoshi Yamabe

e-Poster Session 8: PAD/Diabetic Foot/ Wound Care/ Amputation

28.09.2023 | 12:00 – 13:00

Jury: **François Saucy (CH), Katariina Noronen (FI)**

	Presentation Title	Presenting Author
P-092	Early and late outcomes of obturator canal bypass in infective vascular-related groin complications	Fabrizio Cecere
P-093	Experiences of peripheral vascular injuries in children at Viet Duc university hospital	Thang Duong Ngoc
P-094	Iatrogenic aorta-iliac laparoscopic injuries	Asiyah Shafi
P-095	Outcomes of Acute Limb Ischemia at a Public Hospital in Brazil During the COVID19 Pandemic	Inez Torres
P-096	Evaluation of a new hemostyptic agent in a porcine model	David Wippel

# POSTERS

## e-Poster Session 9: PAD/Diabetic Foot/ Wound Care/ Amputation

28.09.2023 | 15:00 – 16:00

Jury: **Joseph Mills (US), Alun H. Davies (UK)**

POSTERS

	Presentation Title	Presenting Author
P-097	Kissing stent technique for treatment of AIOD: midterm results and predictors of outcome	Giovanni Francesco Baresi
P-098	Safety and effectiveness of peripheral nerve-block anesthesia (PNBA) in endovascular treatment of infrainguinal arterial disease	Stefano Bonvini
P-099	Open versus Endovascular Repair for Infra-inguinal arterial disease in End-Stage Renal Disease	Hassan Chamseddine
P-100	Validation of a length-adjusted arterial calcium score method for contrast-enhanced CT scans.	Raul Devia Rodriguez
P-101	Could Inflammation be the Key to Understand Peripheral Arterial Disease?	Joana Ferreira
P-102	Renal outcomes in octogenarians and nonagenarians undergoing endovascular femoro-popliteal intervention	Chee Yee Hew
P-103	Open surgical repair of aortoiliac occlusive disease in the endovascular era	Vladimir Makaloski
P-104	Elective hybrid ilio-femoral revascularization – a high risk procedure	Johan Nyman
P-105	Risk of major amputations and mortality in patients revascularized for chronic limb threatening ischaemia	Siri Rønning
P-106	Comparative Outcomes of Endovascular Interventions for Isolated Popliteal Artery and Superficial Femoral Artery Atherosclerotic Disease	Armin Tabiei
P-107	OUTcomes after treatment of occluded STents in the fEmoro-PoPliteal segment (OUTSTEPP2 registry)	Nicola Troisi
P-108	Antibiotic Eluting Bone Void Filler versus Systemic Antibiotics For Diabetic Forefoot Osteomyelitis	Vandana Venkateswaran

e-Poster Session 10: Miscellaneous 2

28.09.2023 | 16:30 – 18:00

Jury: Ivika Heinola (FI)

	Presentation Title	Presenting Author
P-109	Complete regression of SISHMA after steroid treatment: a case report	Marta Ascione
P-110	A new technical option for recanalization of mesenteric artery occlusion in chronic mesenteric ischemia.	Maria Isabel Badell Fabelo
P-111	An unusual route for retrograde superior mesenteric artery stenting	Helena Fidalgo CHULC EPE
P-112	The National Varicose Vein Study: Portuguese multicentric prospective study regarding surgical treatment of varicose veins	Henrique Guedes Da Rocha
P-113	Effectiveness of Endovascular management of Chronic Pelvic Pain in Pelvic Congestion Syndrome Type I	Mohamed Ismail
P-114	Long term patency of sapheno-popliteal bypass for chronic venous occlusion of superficial femoral vein-case report	Dhanesh Kamerkar
P-115	Robot Assisted Laparoscopy for Median Arcuate Ligament Syndrome Relief	Louis Magnus
P-116	Fenestrated Physician-modified Endografts for Preservation of Main and Accessory Renal Arteries in Juxtarenal Aortic Aneurysms	Vladimir Makaloski
P-117	Duplex-ultrasound as a single imaging test for GLASS assignment stage and comparison with intraoperative arteriography.	Carlos Martinez-Rico
P-118	Optical coherence tomography as therapeutic imaging modality in intravascular lithotripsy of human peripheral vasculature	Rohit Mehra
P-119	Pedal acceleration time – a prognostic tool for wound healing in the diabetic foot population	Andreia Pinelo
P-120	Three-dimensional Growth and Biomechanical risk Progression of Abdominal Aortic Aneurysms under Serial Computed Tomography Assessment	Joy Roy
P-121	Pedal Acceleration Time a New Method to Assess Peripheral Arterial Disease	Eduardo Silva
P-122	Estimation of the added cancer risk derived from EVAR and CTA follow-up	Bharti Singh
P-123	Hemodynamic performance of standard versus ballerina renal stent-graft configurations for branched EVAR using particle tracing	William Yoon
P-124	Endovascular management of May-thurner syndrome isn't always that easy	Mohamed Zaied





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ENCHANT Trial

# EnChEVAR

(Endurant™ II/IIIs stent graft system  
+ Radiant™<sup>1</sup> balloon-expandable  
covered stent) analysis (n = 62)

**97.6%**  
chimney graft  
patency at  
one year

Type Ia endoleaks  
(gutter leaks)  
mostly self-resolve  
**after 12 months**

**No main-body  
migration, occlusion,  
or stent fracture** with  
Endurant™ II/IIIs  
stent grafts

**97.6%**  
sacs stable or  
decreasing at  
one year

**ENCHANT** is a multicenter, prospective, single-arm, post-market study to assess the clinical outcomes, safety, and performance of the Endurant™ II/IIIs system used with balloon-expandable covered stents for treatment of juxtarenal aortic aneurysms with a short infrarenal neck in a real-world setting.

1. Patients in this dataset were treated with Advanta V12, which was re-labeled as Radiant™ and received CE mark approval in September 2022 for use in ChEVAR.

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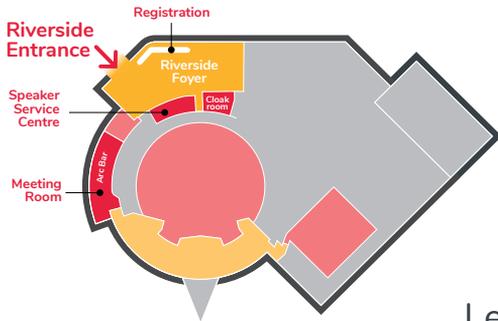
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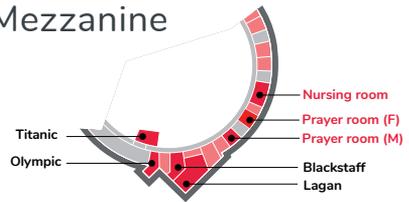


# FLOOR PLAN

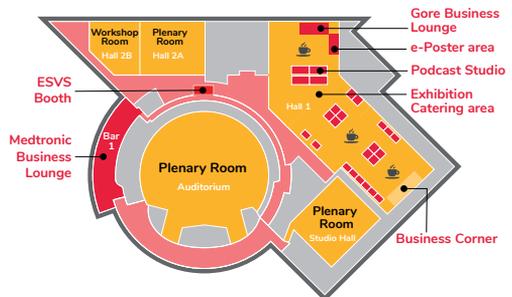
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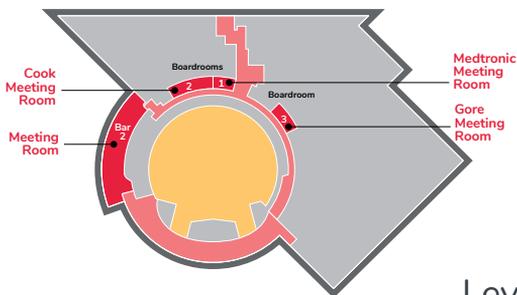
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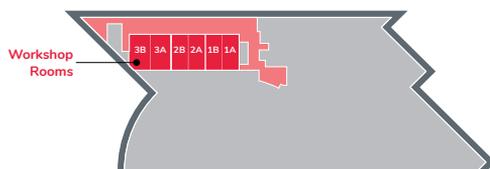
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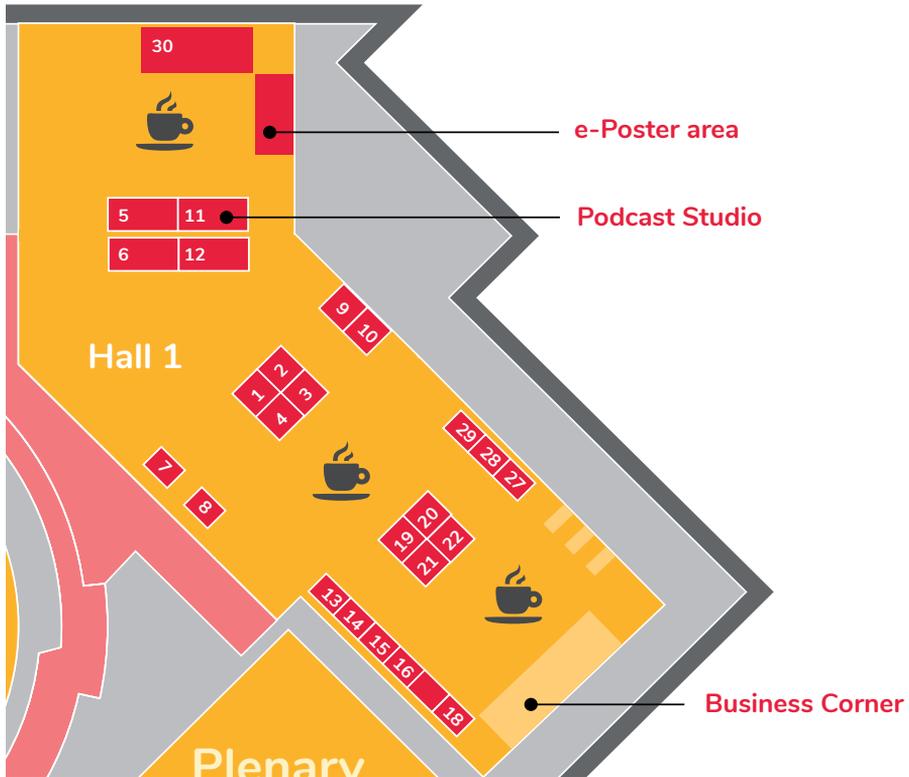
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## Level 3



# FLOOR PLAN |



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6	Artivion EMEA GmbH
7	Bentley
8	LSO Medical
9	Ziehm Imaging
10	Lombard Medical LTD - MicroPort
11	Podcast Studio

Booth no.	Exhibitor name
12	Cook Medical
13 & 14	Shockwave
15	Cordis
16	Wisepress
18	Vascular Technology Inc.
19	Scanlan International, Inc.
20	Penumbra Europe GmbH
21	LeMaitre Vascular GmbH
22	Getinge

Booth no.	Exhibitor name
27	iThera Medical GmbH
28	Perimed AB
29	PolyNovo UK Limited
30	Gore
Business Corner	PrediSurge, NICHs, Vascular News
Bar 1	Medtronic

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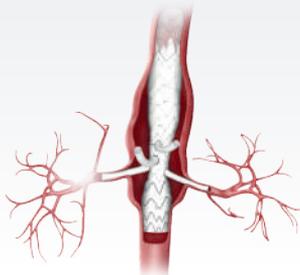
Aortic Arch Stent Graft System

#### **E-vita® Open Neo**

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#### **AMDS™**

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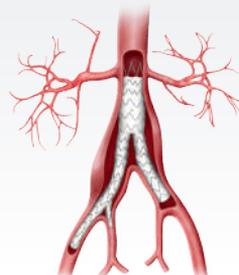
### TAAA Solutions

#### **E-xtra Design Multibranch**

Stent Graft System  
(custom-made device)

#### **E-nside™ TAAA**

Multibranch Stent Graft System



### AAA Solutions

#### **E-tegra™**

Stent Graft System

#### **E-liac™**

Stent Graft System

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# Join our Symposium

Wednesday | 27<sup>th</sup> September | 12:00 - 13:00

Location: Studio – Plenary 3

NEXUS Endovascular  
Aortic Arch Repair:  
The best approach to  
improve brain protection?



## INDUSTRY SPONSORED SYMPOSIA |

12.00 – 13:00  
Studio

IS.02 | NEXUS Endovascular Aortic Arch Repair : the best approach to improve brain protection?

**ARTIVION**  
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**Moderator:** Michele Antonello (IT)

- NEXUS the off-the-shelf platform and use of embolic brain protection.  
**Mario Lescan (DE)**
- TRIOMPHE: the NEXUS Aortic Arch Clinical Study to evaluate safety and effectiveness.  
**Jae S. Cho (USA)**
- NEXUS DUO the double branch device – from features to clinical practice.  
**Arjan W. J. Hoksbergen (NL)**
- NEXUS in post type A dissection – the cardiac surgeon’s perspective.  
**Augusto D’Onofrio (IT)**

## INDUSTRY SPONSORED SYMPOSIA

12.00 – 13:00  
Hall 2A

IS.01 | Intravascular Lithotripsy: Simplifying the challenges of calcium



Chairs: Stefano Fazzini (DE)

- How IVL fits into my calcium algorithm. **Dominic PJ Howard (UK)**
- Changing the Iliac Paradigm: Do we need to stent every calcified iliac?  
**Stefano Bonvini (IT)**
- Removing the need for conduits in calcified hostile access for endograft delivery.  
**Michel Bosiers (CH)**
- My weapon of choice for tackling no option calcified CLTI. **Marc Portou (UK)**

16.30 – 17:00  
Hall 2A

IS.04 | Evidence Meets Innovation: The Roles of Data, Device, and Patient Considerations

The Medtronic logo, consisting of the word "Medtronic" in a bold, dark blue, sans-serif font.

Chairs: Manjit Gohel (UK)

- Introduction. **Manjit Gohel (UK)**
- Evidence Meets Innovation: The Roles of Data, Device, and Patient. Considerations.  
**Manjit Gohel (UK)**
- Discussion and Q&A. **Manjit Gohel (UK)**

## INDUSTRY SPONSORED SYMPOSIA |

16.30 – 17:00  
Studio

IS.05 | Radiation safety does matter. How can Philips solutions help you reduce your radiation exposure?

The Philips logo, consisting of the word "PHILIPS" in a bold, blue, sans-serif font, is centered within a white rounded rectangular box with a subtle drop shadow.

**Chairs:** Bijan Modarai (UK)

- Improving outcomes and reducing radiation dose of aortic procedures using advanced imaging techniques **Frédéric Cochenne** (FR)
- 3D ultrasound and the AAA model for post-EVAR surveillance as a method to reduce radiation. **Jonas Eiberg** (DK)
- Trends and Outcomes of IVUS Utilization During Aortic Intervention. **Eric Secemsky** (USA)

17:00 – 17:30  
Hall 2A

IS.06 | Simplify complex cases with advanced augmented imaging tools

The GE HealthCare logo, featuring the GE monogram in a purple circle followed by the text "GE HealthCare" in a purple, sans-serif font, is centered within a white rounded rectangular box with a subtle drop shadow.

**Chairs:** Sherif Sultan (IE)

- How fusion enables me to reduce contrast. **Sherif Sultan** (IE)
- Complex Aortic Interventions: How to Make It Easy using Fusion Imaging. **Mahmoud Alawy** (IE)



**PHILIPS**

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and optimize patient outcomes.

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Wednesday 27 September from 16:30 to 17:00  
at Studio – Plenary 3

Medtronic

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<sup>†</sup>Compared to ClosureFast™ 7F catheter and VenClose™ catheter in bench testing.

<sup>‡</sup>Bench test data on file at Medtronic. N = 15 catheters each. Bench tests may not be indicative of clinical performance.

**References:**

1. ClosureFast™ Procedures. Medtronic data on file, 2022.

**ClosureFast™ RFA System includes ClosureFast™ catheter and ClosureRFG™ generator.**

See the device manual for detailed information regarding the instructions for use, indications, contraindications, warnings, precautions, and potential adverse events. For further information, contact your local Medtronic representative and/or consult the Medtronic website at [medtronic.eu](http://medtronic.eu).

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## INDUSTRY SPONSORED SYMPOSIA

09:30 – 10:00  
Hall 2A

IS.08 | Advanced imaging for lower limbs  
revascularization: how do I do it?



GE HealthCare

**Moderator:** Sherif Sultan (IE)

- Advanced imaging for lower limbs revascularization: how do I do it?  
Yann Goueffic (FR)

12:00 – 13:00  
Studio

IS.10 | Addressing Aortic Complexities with Custom  
Solutions



**Chairs:** Michael Jenkins (UK)

- First results and experience of Fenestrated TREQ in Europe. Kak Khee (NL)
- UK Clinical Feedback with Fenestrated TREQ. Ediri Sideso (UK)
- From Single to Triple Branched: Built to Accommodate. Artai Pirouzram (SE)
- Raising new Standards in Thoracoabdominal Surgery with Thoracoflo.  
Sebastian Debus (DE)

## INDUSTRY SPONSORED SYMPOSIA |

12:00 – 12:30  
Hall 2A

IS.11 | First decade of Zenith Alpha Thoracic



- Cook evolution in TEVAR. **Tara Mastracci (UK)**
- Zenith Alpha Thoracic: features to provide durability. **Enrico Gallitto (IT)**
- Clinical results with Zenith Alpha Thoracic. **Nikolaos Tsilimparris (DE)**
- Q&A, discussion

12.00 – 13:00  
Hall 2A

IS.12 | Lower limb endovascular vs Bypass treatment:  
Is it time for a paradigm shift?



**Chairs: Maarit Venermo (FI)**

- Introduction. **Maarit Venermo (FI)**
- Zilverpass Study: ZILVER PTX stent vs bypass surgery in femoropopliteal lesions, 5-year results and economic analysis. **Michel Bosiers (CH)**
- Endovascular and surgical revascularization techniques in long femoropopliteal lesions – Results of a patient-level meta-analysis: **Florian Enzmann (AT)**
- Lessons learnt from Basil 2 and Best CLI. **Athanasios Saratzis (UK)**
- Closing remarks

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## GENERAL INFORMATION

### EACCME Accreditation

The ESVS 37<sup>th</sup> Annual Meeting has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) for a maximum of 20.5 European CME credits (ECMEC®s).

### Badges

Access to the meeting rooms is allowed only to participants wearing badges of appropriate categories. Forgot or lost your badge? Please contact the Registration Desk at the entrance area.

### Language

The official language of the Annual Meeting is English. No simultaneous translation will be provided.

### Meeting Evaluation

After the meeting, you will be requested to fill in an online survey. Please complete the questionnaire, your answers will be used

to improve the scientific content of the programme for future annual meetings.

### Speaker Service Centre (SSC)

The Speaker Service Centre (SSC) is connected to the Fast-Track and Plenary Sessions rooms. Speakers who will be presenting in these rooms are asked to hand in their PowerPoint presentations at the SSC at least 2 hours before the start of their presentation, the day before for the first session in the morning. The SSC opening hours are: .

Tuesday, 26 September	09:00 – 18:00
Wednesday, 27 September	08:00 – 18:00
Thursday, 28 September	08:00 – 18:00
Friday, 29 September	08:00 – 11:00



### Wi-Fi

Free Wi-Fi is available throughout the venue free of charge. Please connect to ESVS 2023, Password: Belfast

### Main Registration, Help desk and Cloakroom opening hours

Tuesday, 26 September	09:00 – 18:00
Wednesday, 27 September	07:30 – 18:00
Thursday, 28 September	07:30 – 19:00
Friday, 29 September	08:30 – 13:00

### Workshop Registration opening hours

Tuesday, 26 September	15:00 – 15:30
Wednesday, 27 September	07:30 – 08:00 10:30 – 10:30 13:00 – 14:00
Thursday, 28 September	07:30 – 08:00 10:00 – 10:30 13:00 – 14:00

## GENERAL INFORMATION |

Exhibition Opening Hours	
Tuesday, 26 September	12:00 – 18:00
Wednesday, 27 September	08:00 – 18:00
Thursday, 28 September	08:00 – 18:00
Friday 29, September	08:00 – 12:00

### Certificates of Attendance

A Certificate of Attendance, including CME points, will be available for download after the conference, upon completion of the post-event online survey and workshop evaluation survey (where relevant).

### Injuries and Damages

The congress organisers cannot accept liability for personal injuries sustained, or for loss or damage of property belonging to conference participants, either during, or because of the meeting, in the venue or outside it. Please check the validity of your own insurance.

### Emergency

For Police, fire and medical emergencies when you are outside the venue: dial: 999. For First aid and ambulance service for emergencies at the venue: contact the Registration Desk.

### Force Majeure Responsibility

Participants acknowledge that they have no right to lodge damage claims against the organisers should the holding of the congress be hindered or prevented by unexpected political, economic or pandemic events or generally by “force majeure”, or in case of any programme changes.







esvs

Kraków, Poland



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THE DATE

**ESVS 38th Annual Meeting**

24-27 September 2024

*Abstract submission opens in January 2024*

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