**Tuesday, 24. September 2019**

**Fast Track Presentations**
13:00 - 15:00

**FT1, FAST TRACK SESSION 01**
Hall 4, Room 1

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00 - 13:06</td>
<td>HIGH POSTOPERATIVE MORTALITY AFTER ELECTIVE OPEN SURGICAL ABDOMINAL AORTIC ANEURYSM REPAIR IN HOSPITALS WITH EVAR PREFERENCE AND LESSONS FROM AN INSTRUMENTAL VARIABLE ANALYSIS OF THE DUTCH SURGICAL ABDOMINAL ANEURYSM AUDIT</td>
<td>Niki Lijftogt (Amsterdam, Netherlands)</td>
</tr>
<tr>
<td>13:06 - 13:12</td>
<td>HOSPITAL VOLUME EFFECTS ON ABDOMINAL AORTIC ANEURYSM REPAIR MORTALITY - AN INTERNATIONAL REGISTRY-BASED ANALYSIS</td>
<td>Salvatore Scali (Gainesville, United States)</td>
</tr>
<tr>
<td>13:12 - 13:18</td>
<td>SAFETY OF PATIENT STRATIFICATION BASED ON INITIAL IMAGING FOLLOW-UP AFTER ENDOVASCULAR ANEURYSM REPAIR (EVAR)</td>
<td>Suvi Väärämäki (Tampere, Finland)</td>
</tr>
<tr>
<td>13:18 - 13:24</td>
<td>THE BICOCCA ANEURYSM SCORE: A NEW SCORE FOR THE PREDICTION OF MORTALITY AFTER REPAIR OF RUPTURED ABDOMINAL AORTIC ANEURYSMS</td>
<td>Alberto Froio (Monza, Italy)</td>
</tr>
<tr>
<td>13:24 - 13:30</td>
<td>OBSERVING A DECADE OF YEARLY STANDARDISED SURVEILLANCE IN EVAR-PATIENTS WITH ULTRASOUND OR CT-SCAN: PRELIMINARY ANALYSIS WITHIN 5 CENTRES</td>
<td>Anna Geraedts (Amsterdam, Netherlands)</td>
</tr>
<tr>
<td>13:30 - 13:36</td>
<td>RADIATION EXPOSURE ASSOCIATED WITH ENDOVASCULAR AORTIC REPAIR AND THE LIFETIME RISK OF MALIGNANCY</td>
<td>Azeem Alam (London, United Kingdom)</td>
</tr>
<tr>
<td>13:36 - 13:42</td>
<td>THE INFLUENCE OF GENDER ON OUTCOMES FOLLOWING ELECTIVE REPAIR OF ASYMPTOMATIC LARGE ABDOMINAL AORTIC ANEURYSMS</td>
<td>Claire Dawkins (Middlesbrough, United Kingdom)</td>
</tr>
<tr>
<td>13:42 - 13:48</td>
<td>CHANGES IN THE PROTECTIVE EFFECT OF DIABETES ON ABDOMINAL AORTIC ANEURYSMS: RESULTS OF TWO LARGE NATIONAL SCREENING STUDIES AND A META-ANALYSIS OF POPULATION-BASED SCREENING STUDIES</td>
<td>Katrine Lawaetz Kristensen (Odense C, Denmark)</td>
</tr>
<tr>
<td>13:48 - 13:54</td>
<td>FENESTRATED STENT FOR ARCH REPAIR FOR ACUTE STANFORD TYPE A AORTIC DISSECTION - A CONSERVATIVE SOLUTION FOR COMPLEX CONDITION</td>
<td>Yunxing Xue (Nanjing, China)</td>
</tr>
</tbody>
</table>
ESVS 33rd Annual Meeting Programme

OPEN CONVERSIONS AND SEMICONVERSIONS FOR LATE ENDOLEAKS AFTER EVAR: A 22-YEAR MULTICENTRE EXPERIENCE  
Paolo Perini (Parma, Italy)

FAMILIAL ABDOMINAL AORTIC ANEURYSMS DON´T OCCUR EARLIER IN LIFE, NEITHER DO THEY PROGRESS MORE RAPIDLY - OBSERVATIONS FROM TWO POPULATION BASED SCREENING TRIALS  
Mikkel Høxbro Berntsen (Odense, Denmark)

ENDOGRAFT DEVICE TYPE IS A SIGNIFICANT RISK FACTOR FOR LIMB GRAFT OCCLUSION AFTER ENDOVASCULAR AORTIC REPAIR OF INFRARENAL ABDOMINAL AORTIC ANEURYSM  
Marko Bogdanovic (Stockholm, Sweden)

MORPHOLOGICAL AND BIOMECHANICAL EVOLUTION OF ABDOMINAL AORTIC ANEURYSMS DURING SURVEILLANCE  
Antti Silka (Stockholm, Sweden)

PROPHYLACTIC INFERIOR MESENTERIC ARTERY (IMA) EMBOLIZATION IS UNNECESSARY BEFORE ENDOVASCULAR ANEURYSM REPAIR (EVAR)  
Suvi Vääramäki (Tampere, Finland)

CONTEMPORARY RESULTS OF ELECTIVE OPEN REPAIR OF JUXTA- AND SUPRARENAL AORTIC ANEURYSMS  
Zoltán Szeberin (Budapest, Hungary)

LONG-TERM SURVIVAL AFTER ENDOVASCULAR REPAIR FOR INTACT INFRAARENAL ABDOMINAL AORTIC ANEURYSM IS IMPROVING OVER TIME  
Rens R.B. Varkevisser (Boston, United States)

EFFECT OF DEPRESSION ON MORTALITY IN INDIVIDUALS WITH ABDOMINAL AORTIC ANEURYSM COMPARED TO A GENERAL POPULATION - A PROSPECTIVE COHORT STUDY: A HUNT STUDY  
Malin Stenman (Stockholm, Sweden)

METFORMIN PRESCRIPTION IS ASSOCIATED WITH REDUCED AAA GROWTH RATE IN A EUROPEAN COHORT  
Jon Unosson (Uppsala, Sweden)

PRE-EMPTIVE EMBOLIZATION OF AORTIC SIDE BRANCHES PRIOR TO ENDOVASCULAR AORTIC REPAIR TO PREVENT TYPE II ENDOLEAKS: A SYSTEMATIC REVIEW AND META-ANALYSIS  
Hok Yee Harry Yu (Hong Kong, Hong Kong, China)

THE FATE OF PATIENTS WITH LARGE ASYMPTOMATIC ABDOMINAL AORTIC ANEURYSMS IN THE TEN YEARS FOLLOWING VASCULAR SERVICES QUALITY IMPROVEMENT PROGRAM (VSQIP)  
Claire Dawkins (Middlesbrough, United Kingdom)
33rd ESVS Annual Meeting,
24 - 27 September 2019,
Hamburg, Germany

ESVS 33rd Annual Meeting Programme

Fast Track Presentations
13:00 - 15:00

FT2, FAST TRACK SESSION  02

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

13:00 - 13:06
TREATMENT OF POPLITEAL ANEURYSMS; A CASE-CONTROLLED STUDY OF ENDOVASCULAR AND OPEN REPAIR IN A NATIONAL COHORT FAVOURS OPEN SURGERY
Anne Cervin (Uppsala, Sweden)

13:06 - 13:12
TRENDS IN PERIPHERAL ARTERIAL DISEASE INCIDENCE AND MORTALITY IN EU15+ COUNTRIES 1990-2017
Richard Goodall (London, United Kingdom)

13:12 - 13:18
DEEP-LEARNING BASED HISTOLOGICAL ANALYSIS OF FEMORAL ARTERY PLAQUES REVEALS SIGNIFICANT GENDER DIFFERENCES IN ATHEROSCLEROTIC PLAQUE MORPHOLOGY
Mirjami Laivuori (HUS/Helsinki, Finland)

13:18 - 13:24
CONSERVATIVE TREATMENT OF PATIENTS WITH CHRONIC LIMB THREATENING ISCHEMIA: SYSTEMATIC REVIEW AND META-ANALYSIS
Nick S. van Reijen (Amsterdam, Netherlands)

13:24 - 13:30
NATURAL HISTORY OF PATIENTS WITH POPLITEAL ARTERY ANEURYSMS -UNTREATED AND TREATED
Iva Jergovic (Stockholm, Sweden)

13:30 - 13:36
MISSED OPPORTUNITIES FOR LIMB SALVAGE IN PATIENT UNDERGOING A MAJOR AMPUTATION: A COHORT STUDY USING THE CLINICAL PRACTICE RESEARCH DATALINK
Andrew Nickinson (Leicester, United Kingdom)

13:36 - 13:42
ENDOVASCULAR INTERVENTIONS IN CHRONIC TOTAL OCCLUSION OF POPLITEAL ARTERY WITH VS WITHOUT DISTAL LANDING ZONE
Pavel Kurianov (Saint-Petersburg, Russian Federation)

13:42 - 13:48
RECOMMENDATIONS FOR REGISTRY DATA COLLECTION FOR REVASCULARISATIONS OF ACUTE LIMB ISCHAEMIA: A DELPHI CONSSENSUS FROM THE INTERNATIONAL CONSORTIUM OF VASCULAR REGISTRIES
Christian-Alexander Behrendt (Hamburg, Germany)

13:48 - 13:54
THE STRICT ADHERENCE TO THE INDICATIONS FOR ENDOVASCULAR REPAIR OF THE POPLITEAL ARTERY ANEURYSM-GUARANTEED THE LONG TERM SUCCESS IN THE SINGLE CENTER EXPERIENCE
Anna Danowska (Warszawa, Poland)

13:54 - 14:00
EVALUATING A SINGLE USE CLOSED INCISION NEGATIVE PRESSURE THERAPY SYSTEM OVER CLOSED GROIN INCISIONS FOLLOWING VASCULAR SURGERY: META-ANALYSIS OF COMPARATIVE TRIALS
Alexander Gombert (Aachen, Germany)

14:00 - 14:06
THE IMPACT OF ANAEMIA ON THE CLINICAL OUTCOMES OF INFRA-INGUINAL BYPASS FOR CRITICAL LIMB ISCHAEMIA
Luke Boylan (Newcastle, United Kingdom)
PLATELET AGGREGATION INHIBITOR PRESCRIPTION FOR PERIPHERAL ARTERIAL DISEASE IN THE NETHERLANDS 14:06 - 14:12
ART Brand (Utrecht, Netherlands)

SINGLE CENTRE, MID-TERM CLINICAL OUTCOMES OF SUPERVISED EXERCISE FOR CLAUDICATION 14:12 - 14:18
Mohammed Junaid Choudri (Coventry, United Kingdom)

DEVELOPMENT OF CORE OUTCOME SETS FOR PATIENTS UNDERGOING MAJOR LOWER LIMB AMPUTATION FOR COMPLICATIONS OF PERIPHERAL VASCULAR DISEASE 14:18 - 14:24
Graeme K Ambler (Bristol, United Kingdom)

POPLITEAL ANEURYSMS ARE COMMON AMONG MEN WITH SCREENING DETECTED ABDOMINAL AORTIC ANEURYSMS, AND THE PREVALENCE IS CORRELATED WITH THE DIAMETERS OF THE COMMON ILIAC ARTERIES 14:24 - 14:30
Anne Cervin (Uppsala, Sweden)

THE NEUTROPHIL-TO-LYMPHOCYTE RATIO IS A PROGNOSTIC BIOMARKER OF AMPUTATION AND MORTALITY AMONG PATIENTS SUFFERING AN ACUTE LIMB ISCHEMIA EVENT 14:30 - 14:36
Carlos Ruiz Carmona (Barcelona, Spain)

MULTI-VEssel INFRA-POPLITEAL FLOW TO THE FOOT IS ASSOCIATED WITH IMPROVED WOUND HEALING IN PATIENTS UNDERGOING ENDOVASCULAR TREATMENT FOR CRITICAL LIMB ISCHAEMIA 14:36 - 14:42
Gowthanan Santhirakumaran (London, United Kingdom)

THE NEW GLOBAL LIMB ANATOMIC STAGING SYSTEM (GLASS) FOR CLTI: ASSESSMENT OF ITS UTILITY IN TWO LIMB PRESERVATION CENTERS 14:42 - 14:48
Joep Wijnand (Utrecht, Netherlands)

ULTRASOUND SURVEILLANCE OF INSITU BYPASS GRAFTS - IS IT WORTH THE EFFORT? 14:48 - 14:54
Lasse Fisker (Copenhagen, Denmark)

SARCOPENIA PREDICTS POOR SHORT-TERM SURVIVAL AND SECONDARY PATENCY IN PATIENTS WITH CRITICAL LIMB ISCHEMIA UNDERGOING DISTAL BYPASS 14:54 - 15:00
Hiroko Okuda (Sapporo, Japan)

**FT3, FAST TRACK SESSION 03**

**OUTCOME OF THORACIC ENDOVASCULAR AORTIC REPAIR IN 8 COUNTRIES - REPORT FROM AN INTERNATIONAL REGISTRY COLLABORATION** 13:00 - 13:06
Tina Hellgren (Uppsala, Sweden)
ESVS 33rd Annual Meeting Programme

FACTORS PREDICTING ANEURYSMAL DEGENERATION OF MEDICALLY MANAGED TYPE B AORTIC DISSECTIONS  13:06 - 13:12
Hozan Mufty (Leuven, Belgium)

PERCUTANEOUS ACCESS WITH LARGER INTRODUCERS SHEATHS (>21F) DURING ENDOVASCULAR REPAIR OF THORACIC AND THORACO-ABDOMINAL PATHOLOGY: A PROPENSITY MATCHED ANALYSIS  13:12 - 13:18
Andrea Melloni (Milano, Italy)

Akihito Matsushita (Chiba, Japan)

FENESTRATED/BRANCHED ENDOVASCULAR REPAIR FOR COMPLEX AORTIC ANEURYSMS AMONG STANDARD AND HIGH-RISK PATIENTS FOR OPEN REPAIR  13:24 - 13:30
Carlos Timaran (Dallas, United States)

ANALYSIS OF EARLY NEUROLOGICAL OUTCOMES FROM THE SUMMIT STUDY  13:30 - 13:36
Nikolaos Tsilimparis (Munich, Germany)

Liliana Fidalgo Domingos (Valladolid, Spain)

Yun-Ting Lee (Taichung, Taiwan, Province of China)

BLOOD FLOW HELICITY PATTERN IN TYPE III ARCH CONFIGURATION AS A POTENTIAL RISK FACTOR FOR TYPE B AORTIC DISSECTION  13:48 - 13:54
Francesco Sturla (San Donato Milanese, Italy)

PREOPERATIVE PSOAS MUSCLE SIZE AND RADIODENSITY PREDICT MID-TERM SURVIVAL AND QUALITY OF LIFE AFTER FENESTRATED-BRANCHED ENDOVASCULAR AORTIC REPAIR  13:54 - 14:00
Jussi Kärkkäinen (Rochester, United States)

THE EXTERNAL AORTIC WRAPPED GRAFT RESTRAIN THE GROWTH OF THE ASCENDING AORTA IN A LARGE ANIMAL MODEL: FUNCTIONAL, MOLECULAR AND MORPHOLOGICAL CHANGES AFTER MINIMALLY INVASIVE AORTIC ROOT SUPPORT: SIX-MONTH FOLLOW-UP  14:00 - 14:06
Jeko Madjarov (Charlotte, United States)

SEX-SPECIFIC DIFFERENCES IN THE MANAGEMENT OF DESCENDING THORACIC AORTIC ANEURYSMS: SYSTEMATIC REVIEW WITH META-ANALYSIS  14:06 - 14:12
Pinar Ulug (London, United Kingdom)

MORTALITY DURING THE WAITING TIME FOR A CUSTOMIZED FENESTRATED/BRANCHED STENT-GRAFT  14:12 - 14:18
Pablo Marques de Marino (Nuernberg, Germany)

PRELIMINARY FINDINGS FROM 18F-SODIUM FLUORIDEPOSITRON EMISION TOMOGRAPHY / COMPUTED TOMOGRAPHY IN ACUTE AORTIC SYNDROME  14:18 - 14:24
Maaz B J Syed (Edinburgh, United Kingdom)
REVASCULARIZATION OF ACUTE RENAL STENTS OCCLUSION FOLLOWING FENESTRATED/BRANCHED EVAR: RESULTS OF A MULTICENTER STUDY
Beatrice Fiorucci (Munich, Germany)

REAL-WORLD OUTCOMES OF ENDOVASCULAR REPAIR OF DESCENDING THORACIC AORTIC ANEURYSMS - A REPORT FROM THE GLOBAL REGISTRY FOR ENDOVASCULAR AORTIC TREATMENT (GREAT)
Hector WL de Beaufort (Nieuwegein, Netherlands)

COMPLETE NECK VESSELS PRESERVATION DURING TEVAR USING FENESTRATED STENT GRAFT FOR THE TREATMENT OF SACULAR AND DISSECTING ARCH ANEURYSMS
Naoki Toya (Kashiwashi, Japan)

PERCUTANEOUS AXILLARY ARTERY ACCESS DURING FENESTRATED AND BRANCHED THORACOABDOMINAL AORTIC PROCEDURES
Luca Bertoglio (Milano, Italy)

OUTCOME OF FENESTRATED AND BRANCHED ENDOVASCULAR REPAIR OF AORTIC ARCH PATHOLOGY
Anne Burdess (Uppsala, Sweden)

A SYSTEMATIC REVIEW AND META-ANALYSIS OF THE BOVINE AORTIC ARCH VARIANT AS A DETERMINANT OF THORACIC AORTIC DISEASE
Moad Alaidroos (Zingonia, Italy)

Fast Track Presentations
13:00 - 15:00
Hall 3, Room 2

FT4, FAST TRACK SESSION  04

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

OPEN CONVERSION AFTER ENDOVASCULAR AORTIC ANEURYSM REPAIR: A 14 YEARS MULTICENTER REGIONAL EXPERIENCE
Andrea Xodo (Padova, Italy)

PREVALENCE AND NATURAL HISTORY OF ABDOMINAL AORTIC ANEURYSM AMONG MEN INVITED TO A POPULATION BASED SCREENING PROGRAM
Anneli Linné (Stockholm, Sweden)

DIFFERENCE BETWEEN EARLY AND LATE SPONTANEOUS SAC SHRINKAGE AFTER EVAR
Masayuki Sugimoto (Nagoya, Japan)

VITAMIN K2 DEPENDENT MATRIX GLA PROTEIN RELATING TO ABDOMINAL AORTIC ANEURYSM AND OVERALL MORTALITY: A COMBINED CASE-CONTROL & COHORT STUDY
Joachim Sejr Skovbo Kristensen (Odense, Denmark)

OPEN CONVERSION AFTER ENDOVASCULAR ANEURYSM SEALING (EVAS): TECHNICAL FEATURES AND CLINICAL OUTCOMES AFTER 32 EXPLANTATIONS
Sebastian Zerwes (Augsburg, Germany)
SEX DIFFERENCES IN PERIOPERATIVE OUTCOMES AFTER COMPLEX ABDOMINAL ANEURYSMS REPAIR
Livia de Guerre (Boston, United States)
13:30 - 13:36

ENDOVASCULAR RECONSTRUCTION OF INFRA- AND JUXTARENAL AORTIC OCCLUSION WITH KISSING COVERED STENTS: A SINGLE CENTRE EXPERIENCE
Mariagnese Mele (Siena, Italy)
13:36 - 13:42

RISK FACTORS IN 50-YEAR-OLD MEN PREDICTING DEVELOPMENT OF ABDOMINAL AORTIC ANEURYSM - A PROSPECTIVE COHORT STUDY WITH 15 YEARS OF FOLLOW-UP
Nina Fattahi (Västerås, Sweden)
13:42 - 13:48

LOW CONTRAST DOSAGE REDUCES THE RISK OF CONTRAST INDUCED NEPHROPATHY (CIN): TIME FOR AN "ALARA" APPROACH FOR CONTRAST USAGE AT INFRARENAL EVAR
Muhammad Rafaih Iqbal (Bedford, United Kingdom)
13:48 - 13:54

OPEN ABDOMINAL AORTIC ANEURYSM REPAIR IS FEASIBLE IN HIGH RISK AND ELDERLY PATIENTS UNSUITABLE FOR STANDARD EVAR
Youcef Lounes (Montpellier, France)
13:54 - 14:00

NATIONWIDE ANALYSIS OF INTACT ABDOMINAL AORTIC ANEURYSM REPAIR IN A MEDITERRANEAN COUNTRY FROM 2000-2015
Marina Dias-Neto (Porto, Portugal)
14:00 - 14:06

AORTIC GRAFT INFECTIONS - A NATIONWIDE STUDY
Hamid Gavali (Uppsala, Sweden)
14:06 - 14:12

OUTCOMES IN A PROSPECTIVE COHORT OF OCTOGENARIAN AND NONAGENARIAN PATIENTS DIAGNOSED WITH A SMALL (&LT; 55 MM) ABDOMINAL AORTIC ANEURYSM: RUPTURE, GROWTH TO A LARGE (>=55 MM) SIZE AND MORTALITY RATES
Melina Vega de Ceniga (Galdakao, Spain)
14:12 - 14:18

PROGNOSTIC REVIEW AND TIME-TO-EVENT DATA META-ANALYSIS OF ENDOVASCULAR ANEURYSM REPAIR OUTSIDE VERSUS WITHIN INSTRUCTIONS FOR USE OF AORTIC ENDOGRAFT DEVICES
Maciej Juszczak (Birmingham, United Kingdom)
14:18 - 14:24

TOTAL LUMINAL VOLUME, RATHER THAN MAXIMUM DIAMETER, PREDICTS RISK AFTER ENDOVASCULAR ANEURYSM REPAIR
Jose Oliveira-Pinto* (Porto, Portugal)
14:24 - 14:30

OUTCOMES ANALYSIS OF ENDOVASCULAR REPAIR FOR GIANT ABDOMINAL AORTIC ANEURYSMS
Gabriele Piffaretti (Varese, Italy)
14:30 - 14:36

SURVIVAL AFTER EVAR IN OCTOGENARIANS IS SIMILAR TO THE GENERAL POPULATION OF OCTOGENARIANS WITHOUT AN ABDOMINAL AORTIC ANEURYSM
Marie Josee van Rijn (Rotterdam, Netherlands)
14:36 - 14:42

THREE-DIMENSIONAL (3D) PRINTING TECHNOLOGY FOR ALIGNING FENESTRATIONS IN SURGEON MODIFIED ENDOGRAFTS
Triantafyllos Giannakopoulos (Athens, Greece)
14:42 - 14:48
ANATOMICAL RISK FACTORS FOR TYPE IB ENDOLEAK FOLLOWING ENDOVASCULAR ABDOMINAL AORTIC ANEURYSM REPAIR
Eol Choi (Seoul, Korea, Republic of)

ARM VEINS IN BYPASS FOR CHRONIC LOWER LIMB ISCHEMIA PROVIDE DURABLE LATE RESULTS
Achim Neufang (Wiesbaden, Germany)

Fast Track Presentations
13:00 - 15:00
Hall 3, Room 4

FT5, FAST TRACK SESSION 05
A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

STRESS MESENTERIC PERFUSION IMAGING USING MAGNETIC RESONANCE 4D FLOW
Alex Vesey (Glasgow, United Kingdom)

FIRST STEPS INTO CATHETER GUIDANCE INCLUDING SHAPE SENSING FOR ENDOVASCULAR ANEURYSM REPAIR PROCEDURES
Marco Horn (Lübeck, Germany)

IMAGE FUSION DURING ENDOVASCULAR ANEURYSM REPAIR, HOW TO FUSE? AN OVERVIEW OF REGISTRATION AND IMPLEMENTATION STRATEGIES PLUS TIPS AND TRICKS
Stefan P. M. Smorenburg (Amsterdam, Netherlands)

IMPROVED VOLUME ASSESSMENT OF ABDOMINAL AORTIC ANEURYSMS USING A NEW ACQUISITION PROTOCOL COMBINING THREE-DIMENSIONAL ULTRASOUND AND MAGNETIC FIELD TRACKING - THE FIRST RESULTS OF A CLINICAL FEASIBILITY STUDY
Alexander Hakon Zielinski (Copenhagen, Denmark)

INVESTIGATION OF THE QUALITY RESERVE PROVIDED BY DIGITAL VARIANCE ANGIOGRAPHY IN FENESTRATED AND BRANCHED ENDOVASCULAR AORTIC ANEURYSM REPAIR SETTING
Eric Verhoeven (Nürnberg, Germany)

AORTIC WALL ENHANCEMENT: A POSSIBLE NEW PROGNOSTIC INDICATOR OF ACUTE UNCOMPPLICATED TYPE B DISSECTION
Eisaku Ito (Kashiwa-City, Japan)

START OF ANTIPLATELET THERAPY INCREASES THE PREVALENCE OF INTRAPLAQUE HEMORRHAGE IN PATIENTS WITH ADVANCED CAROTID ARTERY LESIONS: A LONGITUDINAL MR IMAGING STUDY
Geneviève Crombag (Maastricht, Netherlands)

PREOPERATIVE CARDIAC STRESS TESTING IN PATIENTS UNDERGOING VASCULAR SURGERY: PRELIMINARY RESULTS OF A SYSTEMATIC REVIEW
Sarah Nduwayo (Leicester, United Kingdom)
ANGIO PL.U.S. (PLANEWAVE ULTRASENSITIVE IMAGING) AS A NOVEL DOPPLER ULTRASOUND TECHNIQUE WITH POTENTIAL TO EVALUATION ENDOLEAKS IN PATIENTS AFTER ENDOVASCULAR ANEURYSM REPAIR (EVAR)
Jolanta Tomczak (Poznań, Poland)

DIGITAL VARIANCE ANGIOGRAPHY AS A RISK REDUCTION MEASURE IN PERIPHERAL ENDOVASCULAR INTERVENTIONS
Peter Sotonyi (Budapest, Hungary)

ENDOVASCULAR REPAIR OF ASCENDING AORTIC PATHOLOGIES WITH TUBULAR ENDOGRAFTS
Nikolaos Tsilimparis (Munich, Germany)

PROXIMAL REGION OF CAROTID ATHEROSCLEROTIC PLAQUE SHOWS MORE INTRAPLAQUE HEMORRHAGE: THE PLAQUE AT RISK (PARISK) STUDY
Geneviève Crombag (Maastricht, Netherlands)

HYPOXIA INDUCIBLE FACTOR 1 α AND PERIPHERAL ARTERIAL DISEASE PROGNOSIS
Mete Gürsoy (Istanbul, Turkey)

PERFUSION ANALYSIS OF THE FOOT IN PATIENTS WITH CRITICAL LIMB ISCHEMIA BEFORE AND AFTER REVASCULARIZATION AND PREDICTIVE VALUE ON AMPUTATION-FREE SURVIVAL (THE DELTA-PERF STUDY)
Sébastien Amiot (Valenciennes, France)

CONTRAST ENHANCED ULTRA SOUND (CEUS) FOR EVAR MONITORING: A NEW FIRST LINE METHOD FOR POST-OPERATIVE SURVEILLANCE? A SINGLE CENTER EXPERIENCE
Alberto Maria Settembrini (Milano, Italy)

SYMPTOMATIC CAROTID PLAQUES SHOW DECREASED (18)F-FLUORODEOXYGLUCOSE (FDG) UPTAKE ON POSITRON EMISSION TOMOGRAPHY (PET) AFTER 3 MONTHS FOLLOW-UP FROM LAST SYMPTOM
Lærke Urbak (Copenhagen, Denmark)

ROLE OF THE CARDIAC SYNCHRONISED COMPUTED TOMOGRAPHY ANGIOGRAPHY IN THE DISSECTION OF DESCENDING THORACIC AORTA
Maria Ruffino (Torino, Italy)

COMPARISON OF STANDARD CT- ANGIOGRAPHY VS. INTRA-ARTERIAL LOWDOSE CT ANGIOGRAPHY FOR PLANNING AND FOLLOW-UP AFTER ENDOVASCULAR AORTIC REPAIR
Marco Virgilio Usai (Münster, Germany)

TRIGGERED ANGIOGRAPHY NON-CONTRAST-ENHANCED SEQUENCE MAGNETIC RESONANCE IMAGING: OBJECTIVE FIGURES IN DIFFERENTIATION BETWEEN ACUTE AND CHRONIC DEEP VENOUS THROMBOSIS IN THE LOWER EXTREMITIES
Chih-Chen Kao (Putzu City, Taiwan, Province of China)

USEFULNESS OF 18F-FDG-PET/CT AND CONTRAST-ENHANCED CT FOR DIAGNOSIS OF MYCOTIC ANEURYSMS
Lars Husmann (Zürich, Switzerland)
FT6, FAST TRACK SESSION 06

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

"BIG DATA" IN VASCULAR SURGERY: A REALITY NOT TO BE MISSED BUT TO USE WITH CAUTION 13:00 - 13:06
Jean-Baptiste Ricco (Poitiers, France)

MORTALITY AFTER DISCHARGE IN NON-CARDIAC VASCULAR SURGERY PATIENTS IS NEGATIVELY INFLUENCED BY MALNUTRITION MEASURED AT HOSPITAL DISCHARGE, ESPECIALLY IN PATIENTS WITH PROTEIN-ENERGY MALNUTRITION 13:06 - 13:12
Gerdine C.I. von Meijenfeldt (Groningen, Netherlands)

TRIPLE NEUROPROTECTION WITH TARGETED HYPOTHERMIA, CONTROLLED INDUCED HYPERTENSION AND BARBITURATE INFUSION DURING EMERGENCY CAROTID ENDARTERECTOMY FOR ACUTE STROKE 13:12 - 13:18
Sherif Sultan (Galway, Ireland)

Manar Khashram (Auckland, New Zealand)

FACTORS INFLUENCING THE RECURRENCE OF ARTERIAL INVOLVEMENT AFTER SURGICAL REPAIR IN BEHÇET’S DISEASE 13:24 - 13:30
Julien Gaudric (Paris, France)

CELIPROLOL TREATMENT OF PATIENTS WITH VASCULAR EHLERS-DANLOS SYNDROME 13:30 - 13:36
Hassan Baderkhan (Uppsala, Sweden)

POTENTIAL FOR RESUSCITATIVE ENDOVASCULAR BALLOON OCCLUSION OF THE AORTA (REBOA) AT A SCANDINAVIAN TRAUMA REFERRAL CENTER 13:36 - 13:42
Victor Mill (Stockholm, Sweden)

FUNCTIONAL STATUS MEASURED AT HOSPITAL DISCHARGE IS STRONGLY ASSOCIATED WITH OUT-OF-HOSPITAL MORTALITY AND RE-ADMISSION IN NON-CARDIAC VASCULAR SURGERY PATIENTS SURVIVING ADMISSION 13:42 - 13:48
Gerdine C.I. von Meijenfeldt (Groningen, Netherlands)

MULTICENTRIC EVALUATION OF RADIATION EXPOSURE IN SUPERIOR MESENTERIC ARTERY STENTING: IMPACT OF AWARENESS ON RADIATION SAFETY AND DEDICATED EXTRA-LOW DOSE PROTOCOL 13:48 - 13:54
Nicolas Massiot (Reims, France)

PREDICTORS OF OUTCOME OF 285 PATIENTS WITH ARTERIAL TRAUMA MANAGED DURING A 30-YEAR PERIOD 13:54 - 14:00
Stavros Kakkos (Patras, Greece)

THE ADDENBROOKES VASCULAR FRAILTY SCORE PREDICTS ADVERSE OUTCOMES IN VASCULAR SURGERY PATIENTS 14:00 - 14:06
Prasanti Alekhya Kotta (Cambridge, United Kingdom)
ESVS 33rd Annual Meeting Programme

OUTCOMES OF TOTALLY PERCUTANEOUS AND SURGICAL FEMORAL ACCESS DURING ELECTIVE FENESTRATED AND BRANCHED ENDOVASCULAR AORTIC REPAIR
Mario D'Oria (Rochester, United States)

EARLY- AND LONG-TERM OUTCOME AFTER ENDOVASCULAR TREATMENT OF CHRONIC AND ACUTE ON CHRONIC MESENTERIC ISCHEMIA IN A LARGE NATIONAL COHORT
Ümit Altintas (Copenhagen, Denmark)

CLINICAL VALIDATION OF THREE-DIMENSIONAL ULTRASOUND FOR ABDOMINAL AORTIC ANEURYSM
Qasam Ghulam (Copenhagen, Denmark)

FACTORS AFFECTING MANAGEMENT AND LIMB SALVAGE IN UPPER LIMB VASCULAR TRAUMA - A PROSPECTIVE STUDY OF 52 CASES IN A TERTIARY CARE CENTRE
M Sandeep (Chandigarh, India)

DIAGNOSTIC VALUE OF HIGH-RESOLUTION ULTRASOUND IN A DEDICATED CARE PATHWAY FOR NEUROGENIC THORACIC OUTLET SYNDROME (NTOS): A PROSPECTIVE COHORT STUDY
Niels Pesser (Eindhoven, Netherlands)

A NEW POLYPHOSPHATE COATED HAEMOSTATIC DRESSING COMPARED WITH A KAOLIN COATED DRESSING IN A LETHAL ARTERIAL INJURY MODEL IN SWINE
Daniel Hinck (Hamburg, Germany)

MODIFIABLE AND NON-MODIFIABLE RISK FACTORS ASSOCIATED WITH GROIN WOUND COMPLICATIONS AFTER VASCULAR SURGERY INVOLVING THE FEMORAL VESSELS: A RETROSPECTIVE STUDY WITH MORE THAN 500 INCISIONS
Joana Cruz Silva (Coimbra, Portugal)

CAROTID ARTERY ENDARTERECTOMY VS. STENTING: ARE THERE ANY RELEVANT MORPHOLOGICAL AND HEMODYNAMIC IMPLICATIONS?
Anastasios Raptis (Larissa, Greece)

Fast Track Presentations
13:00 - 15:00
Hall 3, Room 7

FT7, FAST TRACK SESSION 07
A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

EARLY OUTCOMES IN THE ROADSTER 2 CLINICAL TRIAL OF TRANSCAROTID ARTERY REVASCULARIZATION IN PATIENTS WITH SIGNIFICANT CAROTID ARTERY DISEASE
Hans-Henning Eckstein (Munich, Germany)

GERMAN CAROTID NATIONAL REGISTRY - VALUE AND LIMITATIONS
Martin Storck (Karlsruhe, Germany)
OUTCOMES OF TRANSCAROTID REvascularization WITH DYNAMIC FLOW REVERSAL (TCAR) Versus CARotid ENDarterectomy (CEA) IN THE TCAR SURVEILLANCE PROJECT
Mahmoud Malas (San Diego, United States)
13:12 - 13:18

APPLICATION OF RISK PREDICTION MODELS FOR TARGETED SCREENING TO DETECT ASYMPTOMATIC CAROTID ARTERY STENOSIS
Michiel Poorthuis (Oxford, United Kingdom)
13:18 - 13:24

A DIFFUSION-WEIGHTED MAGNETIC RESONANCE IMAGING-BASED STUDY OF CAROTID ENDARTERECTOMY VERSUS TRANSCERVICAL CAROTID ARTERY REvascularization WITH DOUBLE MESH STENT
Maria Pilar Lamarca Mendoza (Toledo, Spain)
13:24 - 13:30

RESULTS OF CAROTID ENDARTERIECTOMY UNDER LOCOREGIONAL ANESTHESIA IN ACUTE ISCHEMIC STROKE WITH WATERSHED ZONE INFARCTION POPULATION
Nicolas Bouchareine (Bron, France)
13:30 - 13:36

GENDER DIFFERENCES OF THE OUTCOME AFTER REVASCULARIZATION FOR CAROTID ARTERY STENOSIS - VASCUNET STUDY
Maarit Venermo (Helsinki, Finland)
13:36 - 13:42

A COMPARATIVE QUANTITATIVE ANALYSIS OF EMBOLIC FILTER DEBRIS LOAD DURING CAROTID ARTERY STENTING, BETWEEN OPEN CELL, CLOSED CELL AND MICROMESH STENTS
Michele Piazza (Padova, Italy)
13:42 - 13:48

TIMING OF PROCEDURAL COMPLICATIONS AMONG ASYMPTOMATIC PATIENTS UNDERGOING CAROTID ENDARTERECTOMY: ANALYSIS OF VA, ACAS, ACST-1 AND GALA TRIALS
Michiel Poorthuis (Oxford, United Kingdom)
13:48 - 13:54

INTRAOPERATIVE HYPOTENSION IS NOT CORRELATED TO PERIOPERATIVE SILENT BRAIN ISCHEMIA AFTER CAROTID ENDARTERECTOMY
Marjolijn L. Rots (Utrecht, Netherlands)
13:54 - 14:00

CAROTID ENDARTERECTOMY IN THE ACUTE PHASE OF STROKE-IN-EVOLUTION: AN UPDATE
Guy Leseche (Paris, France)
14:00 - 14:06

INTRAOPERATIVE MONITORING WITH SOMATOSENSORY AND MOTOR EVOKED POTENTIALS DURING CAROTID SURGERY
Manuel Miralles (Valencia, Spain)
14:06 - 14:12

AUTOLOGOUS MICRO-FRAGMENTED ADIPOSE TISSUE FOR THE TREATMENT OF DIABETIC FOOT MINOR AMPUTATIONS: A RANDOMIZED CONTROLLED SINGLE-CENTER CLINICAL TRIAL (MIFRAADIF)
Francesco Andreoli (Modena, Italy)
14:12 - 14:18

EXTRA-CRANIAL INTERNAL CAROTID ARTERY ANEURYSMS: RESULTS AND OUTCOME AFTER SURGICAL AND ENDOVASCULAR TREATMENT
Alessia Sonetto (Bologna, Italy)
14:18 - 14:24

THE CLINICAL CHARACTERISTICS AND OUTCOMES OF CAROTID BODY TUMORS IN CHINESE PATIENTS: A 2006-2016 POPULATION-BASED STUDY
Lin Yang (Xi'an, China)
14:24 - 14:30
ESVS 33rd Annual Meeting Programme

14:30 - 14:36
GENERAL VS LOCAL ANESTHESIA AND COMPLETION ANGIOGRAPHY FINDINGS AFTER CAROTID ENDARTERECTOMY
Xavier Jimenez-Guiu (Barcelona, Spain)

14:36 - 14:42
MEASUREMENT OF CAROTID INTIMA-MEDIA THICKNESS IN PATIENTS WITH HIV
Dorelly Tanayra Martinez Del Carmen (Barcelona, Spain)

14:42 - 14:48
AMPUTATION-FREE SURVIVAL IN PATIENTS WITH DIABETES MELLITUS AND PERIPHERAL ARTERIAL DISEASE WITH DIABETIC FOOT ULCER: OPEN VERSUS ENDOVASCULAR SURGERY
Talha Butt (Malmö, Sweden)

14:48 - 14:54
THE MOMA-INDUCED ANCHORING IN COMPLEX SUPRA-AORTIC ANATOMIES REDUCED PROCEDURAL TIME AND PERIOPERATIVE COMPLICATIONS IN CAROTID ARTERY STENTING
Alberto Froio (Monza, Italy)

14:54 - 15:00
PREOPERATIVE EMBOLIZATION IN PATIENTS TREATED FOR CAROTID BODY TUMOURS - AN UPDATED META-ANALYSIS
George Galyfos (Athens, Greece)

Coffee Break
15:00 - 16:00
Hall 4, Exhibition + Poster Area

Fast Track Presentations
15:30 - 17:00
Hall 4, Room 1

FT8, FAST TRACK SESSION 08
A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

15:30 - 15:36
META-ANALYSIS AND META-REGRESSION ANALYSIS OF OUTCOMES OF ENDOVASCULAR REPAIR FOR RUPTURED ABDOMINAL AORTIC ANEURYSM
Nikolaos Kontopodis (Heraklion, Greece)

15:36 - 15:42
CONTEMPORARY ANALYSIS OF INTACT ABDOMINAL AORTIC ANEURYSM REPAIR BY TREATMENT METHOD
Manar Khashram (Hamilton, New Zealand)

15:42 - 15:48
EVARENDO: RANDOMIZED TRIAL ON ACTIVE ANEURYSM SACK MANAGEMENT
Mustafa Fattoum (Mannheim, Germany)

15:48 - 15:54
EFFECT OF ABDOMINAL AORTIC ANEURYSM REPAIR (ARTERIAL STIFFENING) ON PULSE WAVE VELOCITY AND ITS IMPACT ON CARDIOVASCULAR HEMODYNAMICS
GEORGIOS Papadopoulos (Sitia, Greece)
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:54</td>
<td>OPEN SURGERY OF THE VISCERAL AORTA BY PURELY ABDOMINAL APPROACH</td>
<td>Comlan Mawuko Blitti (Dijon, France)</td>
</tr>
<tr>
<td>16:00</td>
<td>USING A DISCRETE EVENT SIMULATION MODEL TO PREDICT SURVIVAL OF PATIENTS WITH AN ABDOMINAL AORTIC ANEURYSM</td>
<td>Manar Khashram (Hamilton, New Zealand)</td>
</tr>
<tr>
<td>16:06</td>
<td>ULTRASOUND SURVEILLANCE IS FEASIBLE AFTER ENDOVASCULAR ANEURYSM REPAIR</td>
<td>Lotta Rakemaa (Helsinki, Finland)</td>
</tr>
<tr>
<td>16:12</td>
<td>MID-TERM OUTCOMES OF ENDOVASCULAR ANEURYSM REPAIR FOR POST-SURGICAL RESIDUAL AORTOILIAC DISSECTION OF CRAWFORD TYPE II THORACO-ABDOMINAL AORTIC DISSECTING ANEURYSM</td>
<td>Soichiro Hase (Kawasaki, Japan)</td>
</tr>
<tr>
<td>16:18</td>
<td>4D FLOW MRI IN PATIENTS WITH ASYMPTOMATIC ABDOMINAL AORTIC ANEURYSMS: REPRODUCIBILITY AND CLINICAL ANALYSIS</td>
<td>Reza Indrakusuma (Amsterdam, Netherlands)</td>
</tr>
<tr>
<td>16:24</td>
<td>ACT GUIDED HEPARIN ADMINISTRATION IN ELECTIVE OPEN ABDOMINAL AORTIC ANEURYSM REPAIR: RESULTS OF A PILOT STUDY</td>
<td>Orkun Doganer (Hoorn, Netherlands)</td>
</tr>
<tr>
<td>16:30</td>
<td>&quot;UNDER THE RADAR&quot;- OVER 35% OF PATIENTS ADMITTED WITH RUPTURED ABDOMINAL AORTIC ANEURYSM IN GERMANY DO NOT QUALIFY FOR SCREENING</td>
<td>Matthias Trenner (Munich, Germany)</td>
</tr>
<tr>
<td>16:36</td>
<td>UTILIZATION OF AUTOLOGOUS SUPERFICIAL FEMORAL VEIN GRAFT IN CASES OF INFECTED PROSTHETIC GRAFT REPLACEMENT AND HIGH INFECTION-RISK CASES</td>
<td>Luboš Kubíček (Brno, Czech Republic)</td>
</tr>
<tr>
<td>16:42</td>
<td>THE PRESENCE OF DIABETES IS NOT ASSOCIATED WITH LOWER RISK OF RUPTURED ABDOMINAL AORTIC ANEURYSMS - RESULTS FROM A LARGE REGISTER-BASED MATCHED CASE-CONTROL STUDY FROM 1996-2016</td>
<td>Katrine Lawaetz Kristensen (Odense C, Denmark)</td>
</tr>
<tr>
<td>16:48</td>
<td>THE BLOOD SUGAR LEVEL CAN PREDICT THE PREOPERATIVE SHOCK IN PATIENTS WITH RUPTURED ABDOMINAL AORTIC ANEURYSM EVEN WHEN THE PATIENT’S CONDITION LOOKS STABLE</td>
<td>Yoshimasa Seike (Osaka, Japan)</td>
</tr>
<tr>
<td>16:54</td>
<td>AORTIC NECK SEVERITY IN ENDOVASCULAR ANEURYSM REPAIR IS DETERMINED BY MULTIPLE MORPHOLOGICAL CHARACTERISTICS</td>
<td>Chiara Mascoli (Bologna, Italy)</td>
</tr>
</tbody>
</table>
33rd ESVS Annual Meeting,
24 - 27 September 2019,
Hamburg, Germany

ESVS 33rd Annual Meeting Programme

Fast Track Presentations
15:30 - 17:00
Hall 4, Room 2

FT9, FAST TRACK SESSION 09

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

15:30 - 15:36
THE IMPACT OF PROXIMAL CLAMP LOCATION ON PERIOPERATIVE OUTCOMES FOR OPEN SURGICAL REPAIR OF JUXTARENAL ABDOMINAL AORTIC ANEURYSMS
Rens R.B. Varkevisser (Boston, United States)

15:36 - 15:42
IMPROVING THE RATE OF MAJOR AMPUTATION THROUGH THE IMPLEMENTATION OF A NOVEL VASCULAR LIMB SALVAGE CLINIC: EARLY RESULTS
Andrew Nickinson (Leicester, United Kingdom)

15:42 - 15:48
PROPENSITY MATCHED COHORTS COMPARISON OF ENDOVASCULAR REPAIR USING KISSING SELF-EXPANDING COVERED STENTS WITH OPEN AORTO-BI-FEMORAL BYPASS FOR THE TREATMENT OF SEVERE AORTO-ILIAC OCCLUSIVE DISEASE
Sandro Lepidi (Padova, Italy)

15:48 - 15:54
RAPID ACCESS VASCULAR CLINICS FOR PATIENTS WITH DIABETES - A MULTIDISCIPLINARY APPROACH SAVES LEGS
Badri Vijaynagar (Northampton, United Kingdom)

15:54 - 16:00
KIDNEY TRANSPLANTATION REDUCES THE RISK OF CRITICAL LIMB ISCHEMIA AND/OR AMPUTATION AMONG PATIENTS WITH END-STAGE RENAL DISEASE ON HEMODIALYSIS
Andres Galarza Tapia (Barcelona, Spain)

16:00 - 16:06
WHY DO HUMAN FEMORAL STENTS FAIL? FIRST IN-MAN PATHOLOGY AND MULTIMODALITY IMAGING OF ACUTE AND CHRONIC FEMORAL STENTING IN HUMAN
Salomé Kuntz (Gaithersburg, United States)

16:06 - 16:12
LESSONS LEARNT FROM A PILOT SCREENING PROGRAM FOR LOWER EXTREMITIES ATHEROSCLEROTIC DISEASE (LEAD) IN A POPULATION IN CENTRAL GREECE
Konstantinos Batzalexis (Larissa, Greece)

16:12 - 16:18
LONG TERM - TWENTY NINE YEARS - RESULTS OF THE CONVENTIONAL SURGICAL TREATMENT OF THE SUBCLAVIAN STEAL SYNDROME - A SINGLE CENTER EXPERIENCE
Piotr Kaszczewski (Warszawa, Poland)

16:18 - 16:24
SIMULTANEOUS SFA ANGIOPLASTY/STENT PLUS POPLITEAL DISTAL BYPASS FOR LIMB SALVAGE
David Barillà (Messina, Italy)

16:24 - 16:30
SEX DIFFERENCES IN MORTALITY AFTER ENDOVASCULAR TREATMENT FOR PAD
Niveditta Ramkumar (Lebanon, United States)
ESVS 33rd Annual Meeting Programme

TOTALLY PERCUTANEOUS FEM-POP BYPASS: A BYPASS WITHOUT CUTDOWN IS FEASIBLE AND A WORTHWHILE TECHNIQUE  16:30 - 16:36
Pierre Sarradon (La Seyne Sur Mer, France)

LATE MORTALITY AFTER VASCULAR PACLITAXEL EXPOSURE  16:36 - 16:42
Patrick Björkman (Helsinki, Finland)

ANGIOGRAPHY BASED ABANO TERME SCORE: A NOVEL DESCRIPTIVE SYSTEM FOR BELOW THE GROIN ARTERIAL DISEASE  16:42 - 16:48
Efrem Gómez-Jabalera (Barcelona, Spain)

ENDOVASCULAR TREATMENT OF ARTERIAL INJURIES WITH BENTLEYS BEGRAFT STENT-GRAFT SYSTEM: PRELIMINARY RESULTS  16:48 - 16:54
Maria Ruffino (Torino, Italy)

POPART—A REGISTRY FOR POPLITEAL ARTERY ANEURYSM REPAIR  16:54 - 17:00
Georg Jung (Frankfurt am Main, Germany)

Fast Track Presentations
15:30 - 17:00  Hall 4, Room 3

FT10, FAST TRACK SESSION  10
A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

PREDICTORS OF BLEEDING OR ANAEMIA REQUIRING TRANSFUSIONS IN COMPLEX ENDOVASCULAR AORTIC REPAIR AND ITS IMPACT ON OUTCOMES IN HEALTH INSURANCE CLAIMS  15:30 - 15:36
Christian-Alexander Behrendt (Hamburg, Germany)

PERI-OPERATIVE OUTCOMES OF CAROTID-SUBCLAVIAN BYPASS VERSUS ENDOVASCULAR TECHNIQUES FOR LEFT SUBCLAVIAN ARTERY REVASCULARIZATION DURING NON-TRAUMATIC ZONE 2 THORACIC ENDOVASCULAR AORTIC REPAIR  15:36 - 15:42
Mario D’Oria (Rochester, United States)

AORTIC COVERAGE TO TREAT JUXTA/Para-RENAL AND TYPE IV THORACOABDOMINAL ANEURYSM WITH CUSTOM MADE FENESTRATED ENDOGRAFTS IS GREATER COMPARED WITH OPEN REPAIR BUT DOES NOT AFFECT RESULTS  15:42 - 15:48
Enrico Gallitto (Bologna, Italy)

FEMALE SEX IS NOT A FACTOR IN EARLY AND MIDTERM OUTCOMES FOLLOWING FENESTRATED-BRANCHED ENDOVASCULAR AORTIC REPAIR (F-BEVAR) OF COMPLEX AORTIC ANEURYSMS (CAA)  15:48 - 15:54
Jason Crowner (Chapel Hill, United States)

FENESTRATED-BRANCHED ENDOVASCULAR AORTIC REPAIR (F-BEVAR) IS A SAFE AND EFFECTIVE OPTION FOR OCTOGENARIANS IN TREATING COMPLEX AORTIC ANEURYSM (CAA) COMPARED TO NON-OCTOGENARIANS  15:54 - 16:00
Fernando Motta (Chapel Hill, United States)
ESVS 33rd Annual Meeting Programme

STROKE FOLLOWING THORACIC ENDOVASCULAR AORTIC REPAIR AND THE IMPACT OF LEFT SUBCLAVIAN ARTERY MANAGEMENT 16:00 - 16:06
Rens R.B. Varkevisser (Boston, United States)

Nikolaos Konstantinou (Munich, Germany)

ENDOVASCULAR VERSUS MEDICAL TREATMENT IN TYPE B AORTIC INTRAMURAL HEMATOMA PATIENTS: A COMPARISON ANALYSIS FROM A REGISTRY STUDY 16:12 - 16:18
Chuan Tian (Beijing, China)

RETROSPECTIVE COMPARATIVE STUDY ON DIFFERENCES IN PRESENCE OF GAS IN THE ANEURYSM SAC AFTER EVAR IN EARLY POST-OPERATIVE PERIOD BETWEEN CARBON DIOXIDE FLUSHING TECHNIQUE AND SALINE FLUSHING OF THE DELIVERY-SYSTEM 16:18 - 16:24
A Eleshra (Hamburg, Germany)

NEUROLOGICAL EVENT RATES AND RELATED RISK FACTORS IN ACUTE TYPE B AORTIC DISSECTIONS TREATED BY TEVAR - RESULTS FROM THE INTERNATIONAL REGISTRY OF ACUTE AORTIC DISSECTION (IRAD) 16:24 - 16:30
Benedikt Reutersberg (Munich, Germany)

ASSESSMENT OF PULL-OUT FORCES IN TEVAR & ANACONDA FEVAR COMBINATION AND EARLY CLINICAL RESULTS: CREATION OF A PROXIMAL LANDING ZONE FOR FEVAR IN PATIENTS WITH TYPE I AND TYPE IV TAAAS 16:30 - 16:36
Jürgen Falkensammer (Vienna, Austria)

PREDICTORS OF SURVIVAL IN PATIENTS OVER 80 YEARS-OLD TREATED WITH FENESTRATED AND BRANCHED ENDOGRAFT 16:36 - 16:42
Rodolfo Pini (Bologna, Italy)

THE IMPACT OF PURE SYMPTOM-DRIVEN IN ALL INDICATIONS FOR TEVAR PROCEDURE TO TREAT COMPLICATED ACUTE TYPE B AORTIC DISSECTION 16:42 - 16:48
Yun-Yu Chen (Taichung, Taiwan, Province of China)

RETROSPECTIVE COHORT STUDY ON VESSEL DEFORMATION DURING FENESTRATED OR BRANCHED ENDOVASCULAR AORTIC REPAIR: TRADITIONAL CTA ROADMAPS PROVIDE INSUFFICIENT AND INADEQUATE GUIDANCE DURING TARGET VESSEL CANNULATION 16:48 - 16:54
Marloes M. Jansen (Utrecht, Netherlands)

COAGULATIVE DISORDERS AND SPONTANEOUS HAEMORRHAGIC COMPLICATIONS IN THE TWO-STAGE ENDOVASCULAR TREATMENT OF THORACO-ABDOMINAL AORTIC ANEURYSM 16:54 - 17:00
Rodolfo Pini (Bologna, Italy)
ESVS 33rd Annual Meeting Programme

Fast Track Presentations  
15:30 - 17:00  
Hall 3, Room 2

FT11, FAST TRACK SESSION 11

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

**OPEN OR ENDOVASCULAR TREATMENT OF DOWNSTREAM THORACO-ABDOMINAL PATHOLOGY IN PATIENTS WITH PREVIOUS FROZEN ELEPHANT TRUNK**  
15:30 - 15:36  
Simone Salvati (Milano, Italy)

**THE IMPACT OF ANAEMIA ON THE CLINICAL OUTCOMES FOLLOWING COMPLEX ENDOVASCULAR ANEURYSM REPAIR**  
15:36 - 15:42  
Sandip Nandhra (Newcastle, United Kingdom)

**MULTI-CENTER STUDY ON FALSE LUMEN PATENCY AND THROMBOSIS IN TYPE B AORTIC DISSECTION PATIENTS: IMPORTANCE OF (MINOR) SIDE BRANCHES**  
15:42 - 15:48  
Gerlinde Logghe (Gent, Belgium)

**GEOMETRIC PATTERN OF PROXIMAL LANDING ZONES FOR THORACIC ENDOVASCULAR AORTIC REPAIR IN THE BOVINE ARCH VARIANT**  
15:48 - 15:54  
Massimiliano M. Marrocco-Trischitta (San Donato Milanese, Italy)

**MID-TERM RESULTS OF FENESTRATED/BRANCHED ANEURYSM REPAIR OF PREVIOUS FAILED FEVAR**  
15:54 - 16:00  
Nuno Dias (Malmö, Sweden)

**THE SECOND GENERATION CANDY-PLUG II FOR FALSE LUMEN OCCLUSION IN CHRONIC AORTIC DISSECTION: FEASIBILITY AND EARLY RESULTS**  
16:00 - 16:06  
Fiona Rohlfis (Hamburg, Germany)

**THE INFLUENCE OF THE TIMING OF ONSET OF TYPE 2 ENDOLEAK ON THE LONG TERM OUTCOMES OF ENDOVASCULAR REPAIR OF ABDOMINAL AORTIC ANEURYSMS**  
16:06 - 16:12  
Alberto Melani (Firenze, Italy)

**HOW TO TREAT PENETRATING ULCERS OF THE ABDOMINAL AORTA - AND WHY WE CAN ONLY SOLVE THIS MYSTERY TOGETHER**  
16:12 - 16:18  
Sarah Lesche (Dunedin, New Zealand)

**IMPACT OF A MULTIDISCIPLINARY MANAGEMENT ON THE OUTCOME OF AORTIC (ENDO)GRAFT INFECTIONS: A RETROSPECTIVE, SINGLE-CENTRE EXPERIENCE**  
16:18 - 16:24  
Vincenzo Brizzi (Bordeaux, France)

**IMPACT ON OUTCOME OF ABDOMINAL AORTIC ANEURYSM REPAIR CENTRALIZATION: AN EARLY EXPERIENCE IN PUBLIC HEALTH SYSTEM**  
16:24 - 16:30  
Paolo Tripodi (Barcelona, Spain)

**EVOLUTION OF FENESTRATED STENT-GRAFT DESIGN IN EARLY VERSUS LATE EXPERIENCE WITH FENESTRATED STENT-GRAFTS**  
16:30 - 16:36  
Pablo Marqués de Marín (Nuernberg, Germany)
ESVS 33rd Annual Meeting Programme

IMPACT OF THE LEFT RENAL VEIN DIVISION ON TOTAL AND SPLIT RENAL FUNCTION AFTER OPEN REPAIR OF PARAA- AND JUXTARENAL AORTICANEURYSM
Masayuki Sugimoto (Nagoya, Japan)

THE INCIDENCE OF RUPTURE OF A NON-ANEURYSMAL ABDOMINALAORTA: A SINGLE-CENTER EXPERIENCE
Konstantin Andreichuk (Saint-Petersburg, Russian Federation)

SIGNIFICANCE OF PREOPERATIVE THROMBUS BURDEN IN THEPREDICTION OF PERSISTENT TYPE IIENDOLEAK AND RE-INTERVENTIONFOLLOWING INFRA-RENAL EVAR
Jonathan Nicholls (Cheltenham, United Kingdom)

WOMEN WITH ABDOMINAL AORTIC ANEURYSMS PRESENT A DIFFERENTPATTERN OF GENETIC VARIABILITY, COMPARED TO MEN
Jonas Wallinder (Uppsala, Sweden)

Fast Track Presentations
15:30 - 17:00
Hall 3, Room 4

FT12, FAST TRACK SESSION 12
A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

SINGLE-CENTER EXPERIENCE OF ENDOVASCULAR AV-FISTULA (ENDOAVF)CREATION WITH BOTH WAVELINQ™ AND ELLIPSY® SYSTEMS
Robert Shahverdyan (Hamburg, Germany)

ABNORMAL FINGER PRESSURES PRIOR TO PRIMARY HEMODIALYSISACCESS CONSTRUCTION PREDICT OVERALL MORTALITY ANDCARDIOVASCULAR MORTALITY IN END-STAGE RENAL DISEASE PATIENTS
Reshabh Yadav (Veldhoven, Netherlands)

REVISION USING DISTAL INFLOW FOR HIGH FLOW ELBOW-BASEDHEMODIALYSIS ACCESS ALTERS FLOW CHARACTERISTICS IN THE DIALYSISARM WITHOUT DIMINISHING BRACHIAL ARTERY DIAMETERS
Michael Gerrickens (Veldhoven, Netherlands)

THE ROLE OF TISSUE KI-67 PROLIFERATIVE INDEX AND PATHOLOGICALCHANGES AS PREDICTORS OF PATENCY OF HEMODIALYSISARTERIOVENOUS FISTULAE: PRELIMINARY RESULTS
Raffaella Mauro (Bologna, Italy)

EVALUATION OF THE INFLUENCE OF WALL SHEAR STRESS FEATURES ONENDOTHELIAL CELL PHENOTYPES IN-VITRO AND CORRELATION WITH ANOVEL EX-VIVO BOVINE ARTERIOVENOUS FISTULA MODEL
David Power (Limerick, Ireland)

VASCULAR ACCESS LAMINATE EUROPEAN EXPERIENCE (VALUE)- STUDY,INTERIM UPDATE INTRODUCTION
Gaspar Mestres (Barcelona, Spain)
OUTCOMES OF HYBRID TECHNIQUE FOR TYPE B AORTIC DISSECTION INVOLVING DISTAL AORTIC ARCH
Huanyu Ding (Guangzhou, China)

PROSPECTIVE COMPARISON OF CONE BEAM COMPUTED TOMOGRAPHY WITH ROUTINE OR SELECTIVE PREDISMISSAL COMPUTED TOMOGRAPHY ANGIOGRAPHY TO DETECT TECHNICAL PROBLEMS DURING FENESTRATED-BRANCHED ENDOVASCULAR AORTIC REPAIR
Emanuel R. Tenorio (Rochester, United States)

RELEVANCE OF SLPI AS BIOMARKER OF ACUTE KIDNEY INJURY AFTER OPEN AND ENDOVASCULAR COMPLEX AORTIC SURGERY
Alexander Gombert (Aachen, Germany)

INTERNAL ILIAC ARTERY STENTING DURING AND AFTER ENDOVASCULAR AORTIC REPAIR FOR PREVENTION AND THERAPY OF SPINAL CORD ISCHEMIA
Catharina Gronert (Hamburg, Germany)

OUTCOME AFTER FENESTRATED AND BRANCHED REPAIR OF AORTIC ANEURYSMS - DEVICE FAILURES PREDICT REINTERVENTION RATES
David Lindström (Stockholm, Sweden)

THE EFFECT OF ZONE IMPLANTATION ON OUTCOMES IN CASES OF FROZEN ELEPHANT TRUNK
Ahmed Abdulsalam (Liverpool, United Kingdom)

ARTERIO-VENOUS FISTULA SURVEILLANCE USING TOMOGRAPHIC 3D ULTRASOUND
Steven Rogers (Manchester, United Kingdom)

EARLY EXPERIENCE WITH A NOVEL THORACIC STENT GRAFT DESIGN FOR THE PREVENTION OF DISTAL-STENT GRAFT INDUCED NEW ENTRY TEARS (D-SINE)
Anne Burdess (Uppsala, Sweden)

RENAL FUNCTION SALVAGE AFTER DELAYED ENDOVASCULAR REVASCULARISATION AFTER ACUTE RENAL ARTERY OCCLUSION IN PATIENTS WITH FENESTRATED/BRANCHED EVAR OR RENAL ARTERY BYPASS
Franziska Heidemann (Hamburg, Germany)

Fast Track Presentations
15:30 - 17:00
Hall 3, Room 5

FT13, FAST TRACK SESSION 13
A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

CLASSIFICATION OF FACTORS ASSOCIATED WITH STENOSIS, RE-OCCCLUSION AND SUBSEQUENT RE-INTERVENTION, FOLLOWING DEEP VENOUS STENTING FOR ACUTE ILIOFEMORAL DEEP VENOUS THROMBOSIS
Anna Pouncey (London, United Kingdom)
ESVS 33rd Annual Meeting Programme

COST UTILITY ANALYSIS OF TREATMENT MODALITIES FOR IlioFemoral DEEP VENOus THROMBOSIs: ORAl ANTIcoAGULATION VS. Catheter DIRECTed ThROMBOLYSIS AND PHARMACoMEchanical ThROMBECTOMY
Anna Pouncey (London, United Kingdom)

15:36 - 15:42

OBTURATOR HOOK SIGN AS A MARKER OF CHRONIC IlioFEMORAL VENOus OUTFLOW OBSTRUCTION IN COMPUTED TOMOGRAPHY VENOGRAPHY - MULTICENTRIC EVALUATION OF INCIDENCE AND CLINICAL SIGNIFICANCE
Andreia Coelho (Vila Nova de Gaia, Portugal)

15:42 - 15:48

TRANSLATION AND VALIDATION OF THE SWEDISH VENOus HEALTH QUESTIONNAIRe IN PATIENTS WITH VENOus INSUFFICIENCY
Helen Sinabulya (Stockholm, Sweden)

15:48 - 15:54

TARGETED NEXT-GENERATION SEQUENCING REVEALS NOVEL AND RARE VARIANTS IN PATIENTS WITH PRIMARY VARICOSE VEINS
Ewa Strauss (Poznan, Poland)

15:54 - 16:00

DELAYED SMALL INTESTINAL STRicture: An UNderestimated CHRONIC COMPLICATION AFTER MEsENTERIC VENOus THROMBOSIs
Shilong Sun (Nanjing, China)

16:00 - 16:06

EARLY RESuLTS OF A RANDOMISED CLINICAL TRIAL OF MECHANOCHEMICAL ABLATION VERSUS CYANOACRYLATE ADHESIVE FOR THE TREATMENT OF VARICOSE VEINS (MOCCA)
Amjad Belramman (London, United Kingdom)

16:06 - 16:12

A RANDOMISED CONTROLLED CLINICAL TRIAL COMPARING THE EFFECTIVENESS OF BANDAGING COMPARED TO THE JUXTA CURESTM DEVICE IN THE MANAGEMENT OF PEOPLE WITH VENOus ULCERATION: FEASIBILITY STUDY
Philip Stather (Colchester, United Kingdom)

16:12 - 16:18

ENDOVASCULAR MANAGEMENT OF IliAC VEIN COMPRESSION SYNDROME: A PROSPECTIVE CASE SERIES OF 61 PATIENTS
Ahmed Allam (Mansoura, Egypt)

16:18 - 16:24

MANAGEMENT AND OUTCOMES OF PATIENTS WITH SUPERFiCiAL VEIN THROMBOSIS UNDER REAL-LIfE CONdiTIONS IN GERMANY (INSIGHTS-SVT)
Rupert Bauersachs (Darmstadt, Germany)

16:24 - 16:30

FEATURES OF RECANALIZATION IN PATIENTS WITH DEEP VEIN THROMBOSIS OF THE LOWER LIMBS WITH DIFFERENT ANTIcoAGULANT THERAPY SCHEMES OR Catheter-DIRECTed THROMBOLYSIS
Kirill Fomin (Saint-Petersburg, Russian Federation)

16:30 - 16:36

A RANDOMIZED CLINICAL STUDY OF RADIOFREQUENCY ABLATION Versus 1470NM LASer FOR GREAT SAPHENOUS VEIN REFUX
Athanasios Giannoukas (Greece)

16:36 - 16:42

MECHANICAL THROMBECTOMY USING THE SOLiTAiRE AB DEViCE FOR ACUTE EMBOLIC MEsENTERiC ISCHEmiA
Yadong Shi (Nanjing, China)

16:42 - 16:48
MANAGEMENT OF INTRAVENOUS DRUG ABUSERS GROIN PSEUDOANEURYSMS: LIGATION OR RECONSTRUCTION? (SYSTEMATIC REVIEW) 16:48 - 16:54
Ahmed Elbasty (Camberley, United Kingdom)

EVALUATION OF THE QUALITATIVE AND THE QUANTITATIVE MALNUTRITION, AS A RISK FACTOR FOR LARGE AMPUTATIONS AND REAMPUTATIONS IN PATIENTS WITH CRITICAL LIMB ISCHEMIA 16:54 - 17:00
Anna Danowska (Warszawa, Poland)

Fast Track Presentations 15:30 - 17:00 Hall 3, Room 7

FT14, FAST TRACK SESSION 14
A Fast-Track Presentation is a short oral communication of 4 minutes, presented in front of a Jury and followed by 2 minutes for discussion or questions. The authors of the top-scored presentations will have the opportunity to present an extended version of their abstract in one of the Plenary Scientific Sessions on the subsequent days of the congress.

CHITINASE-3-LIKE PROTEIN 1 IS AN INHIBITOR OF VASCULAR SMOOTH MUSCLE CELL DEDIFFERENTIATION IN ADVANCED ATHEROSCLEROSIS 15:30 - 15:36
Pavlos Tsantilas (Stanford, United States)

SET AND MYND DOMAIN-CONTAINING PROTEIN 2 (SMYD2) IS A CRITICAL REGULATOR FOR VASCULAR SMOOTH MUSCLE CELL PHENOTYPIC SWITCHING AND NEOINTIMA FORMATION 15:36 - 15:42
Yu Zhou (Guangzhou, China)

ENDOVASCULAR TEAM RADIATION SAFETY PERFORMANCE: MORE THAN SIMPLY MEASURING THE DOSE! A DELPHI STUDY FOR DEVELOPMENT OF A TEAM RADIATION SAFETY BEHAVIOUR RATING SCALE. 15:42 - 15:48
Bart Doyen (Ghent, Belgium)

RODENT MODELS OF ABDOMINAL AORTIC ANEURYSM: HOW FAR ARE MICE MEN? 15:48 - 15:54
Gabor Gäbel (Krefeld, Germany)

LOCAL OR SYSTEMIC DELIVERY OF LENVATINIB EFFECTIVELY INHIBITS EXPERIMENTAL ANEURYSM PROGRESSION 15:54 - 16:00
Albert Busch (Munich, Germany)

ENSURING COMPETENCY IN SIMULATED OPEN AORTIC ANEURYSM REPAIR USING A NEWLY DEVELOPED PROCEDURE-SPECIFIC ASSESSMENT TOOL- A RELIABLE TOOL WITH CREDIBLE PASS-FAIL STANDARD FOR ASSESSMENT DURING TRAINING, TESTING AND CERTIFICATION 16:00 - 16:06
Leizl Joy Nayahangan (Copenhagen, Denmark)

A SYSTEMATIC REVIEW ON SIMULATION-BASED EDUCATION IN OPEN VASCULAR SURGERY PROVIDING - AN OVERVIEW OF THE LITERATURE INCLUDING RECOMMENDATIONS FOR EFFECTIVE FUTURE TRAINING-PROGRAMS 16:06 - 16:12
Jonathan Lawaetz Rasmussen (Copenhagen, Denmark)

QUANTIFICATION OF TARGET PROTEINS REGULATED BY MICRORNAS IN ABDOMINAL AORTIC ANEURYSM TISSUE 16:12 - 16:18
Emma Plana (Valencia, Spain)
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:18 - 16:24</td>
<td>INTRODUCTION OF A SURGICAL BLACK BOX SYSTEM IN A HYBRID ANGIOSUITE: CHALLENGES AND OPPORTUNITIES</td>
<td>Bart Doyen (Ghent, Belgium)</td>
<td></td>
</tr>
<tr>
<td>16:24 - 16:30</td>
<td>ADAPTATION COMPOSITION (ADC) FOR SURFACE MODIFICATION OF A METAL STENT</td>
<td>Vasyl Shaprynskyi (Kyiv, Ukraine)</td>
<td></td>
</tr>
<tr>
<td>16:30 - 16:36</td>
<td>QUANTIFICATION OF PLASMA MARKERS OF NETS IN PATIENTS WITH ABDOMINAL AORTIC ANEURYSM</td>
<td>Emma Plana (Valencia, Spain)</td>
<td></td>
</tr>
<tr>
<td>16:36 - 16:42</td>
<td>NEUROPROTECTIVE POTENTIAL OF TETRAHYDROBIOPTERIN USING A RAT MODEL</td>
<td>Alexandra Gratl (Innsbruck, Austria)</td>
<td></td>
</tr>
<tr>
<td>16:42 - 16:48</td>
<td>SIGNIFICANCE OF PLATELET ACTIVATION ON ARTERIAL STIFFNESS IN NORMAL AND HYPOXIC ENVIRONMENTS</td>
<td>Yae Hyun Rhee (Düsseldorf, Germany)</td>
<td></td>
</tr>
<tr>
<td>16:48 - 16:54</td>
<td>ORALLY ADMINISTERED ASPIRIN REDUCES THE ENDOTHELIAL CELL DAMAGE CAUSED BY ISCHEMIA-REPERFUSION INJURY OF ARTERIAL VASCULAR GRAFTS IN A RODENT MODEL OF ARTERIAL REVASCULARISATION</td>
<td>Klara Aliz Stark (Heidelberg, Germany)</td>
<td></td>
</tr>
<tr>
<td>16:54 - 17:00</td>
<td>FLUID SHEAR-STRESS INCREASES TRPV4-EXPRESSION IN HUMAN ENDOTHELIAL CELLS IN AN EXPERIMENTAL IN VITRO MODEL</td>
<td>Thomas Schmandra (Bad Neustadt, Germany)</td>
<td></td>
</tr>
</tbody>
</table>
Wednesday, 25. September 2019

Endovascular Track
07:45 - 09:45
Hall 3, Room 1

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

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

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

Lead convenor: Nuno Dias (Sweden)
Co-convenor: Enrico Cieri (Italy)
Co-convenor: Jonathan Sobocinski (France)
Co-convenor: Anna Prent (United Kingdom)

Endovascular Track
07:45 - 09:45
Hall 3, Room 2

W02, Sizing in EVAR for Elective Infrarenal AAA

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

Lead convenor: Kevin Mani (Sweden)
Co-convenor: Igor Koncar (Serbia)
Co-convenor: Maarten Trujers (Netherlands)
Co-convenor: Francisco Gomez Palones (Spain)
Co-convenor: Katia Vogt (Denmark)
Co-convenor: Louise de la Motte (Denmark)
Co-convenor: Simon Neequaye (United Kingdom)
Co-convenor: Adrien Hertault (France)

Venous Track
07:45 - 09:45
Hall 3, Room 3

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

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

Lead convenor: Martin Lawaetz (Denmark)
Co-convenor: Jan Jakub Kęsik (Poland)
ESVS 33rd Annual Meeting Programme

Academic Track
07:45 - 09:45 Hall 3, Room 4

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

Lead convenor: Jonathan Beard (United Kingdom)

General Session
08:00 - 08:30 Hall 4, Room 1

GS1, Opening Ceremony

Scientific Sessions
08:00 - 10:00 Hall 4, Room 2

SS01, SCIENTIFIC SESSION 01 - Prize Session

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

Chair: Philippe Kolh (Belgium)
Chair: Florian Dick (Switzerland)
Chair: Melina Vega de Ceniga (Galdakao, Spain)
Chair: Bahaa Arefai (Spain)
Chair: Maarit Venermo (Helsinki, Finland)
Chair: Jonathan Boyle (United Kingdom)

- CEREBROSPINAL FLUID ANALYSIS AFTER ENDOVASCULAR THORACOABDOMINAL ANEURYSM REPAIR: DISRUPTION OF THE BLOOD-SPINAL CORD BARRIER PREDICTS PERMANENT PARAPLEGIA [08:00 - 08:11]
  James Kelly (London, United Kingdom)

- COMPARISON OF FENESTRATED STENTGRAFTS AND OPEN REPAIR FOR JUXTARENAL AORTIC ANEURYSMS USING A PROPENSITY SCORE MATCHING [08:11 - 08:22]
  Frederic Cochennec (Creteil, France)

- INCIDENCE, TIME-TRENDS AND SEX DIFFERENCES IN AORTIC DISSECTION: A POPULATION BASED 15-YEAR FOLLOW-UP OF SWEDISH PATIENTS [08:22 - 08:33]
  Christian Smedberg (Stockholm, Sweden)

- PROTAMINE REDUCES THE RISK OF SERIOUS BLEEDING AT THE TIME OF CEA WITHOUT INCREASED RISK OF STROKE, MI OR DEATH [08:33 - 08:44]
  David Stone (Lebanon, United States)
NEW WAYS IN TRAINING OPEN AORTIC ANEURYSM REPAIR: OBTAIN MINIMUM TECHNICAL COMPETENCE BEFORE APPRENTICESHIP TRAINING ON PATIENTS USING A VALIDATED TEST AND A CREDIBLE PASS-FAIL THRESHOLD IN A SIMULATION-BASED ENVIRONMENT
Jonathan Lawaetz Rasmussen (Copenhagen, Denmark)

STROKE PREVENTION AND DEMENTIA: 15-YEAR FOLLOW-UP OF THE ASYMPOTOMATIC CAROTID SURGERY TRIAL-1 (ACST-1)
Alison Halliday (Oxford, United Kingdom)

FRAILTY AND SARCOPEANIA IN VASCULAR SURGERY PATIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS OF PATIENT FACTORS AND OUTCOMES
John Houghton (Leicester, United Kingdom)

PREOPERATIVE TESTING FOR SILENT CORONARY ISCHEMIA USING CORONARY CT ANGIOGRAPHY-DERIVED FRACTIONAL FLOW RESERVE (FFRCT) MAY REDUCE POSTOPERATIVE MYOCARDIAL INFARCTION AND CARDIOVASCULAR DEATH IN PATIENTS NEEDING LOWER-EXTREMITY REVASCULARIZATION COMPARED TO STANDARD PRE-OPERATIVE EVALUATION OF PATIENTS WITH NO CARDIAC SYMPTOMS UNDERGOING PERIPHERAL VASCULAR SURGERY
Dainis Krievins (Riga, Latvia)

FIRST-IN-MAN CLINICAL APPLICATION OF THE TRACKCATH SYSTEM IN ENDOVASCULAR REPAIR OF AORTIC ANEURYSMS - A PROSPECTIVE MULTI-CENTRE CLINICAL TRIAL
Nikolaos Floros (Düsseldorf, Germany)

PLATELET ACTIVATION MEASUREMENTS TO PREDICT THE OCCURRENCE OF PEROPERATIVE SOLID MICRO-EMBOLI DURING CAROTID ENDARTERECTOMY
Art Brand (Utrecht, Netherlands)

PROGRESSION OF CAROTID PLAQUE AMONG POSTMENOPAUSAL ASYMPOTOMATIC WOMEN: A PROSPECTIVE OBSERVATIONAL POPULATION-BASED FOLLOW-UP STUDY
Rasmus Laursen (Viborg, Denmark)

EVNS01, The Organisation of Endovascular Teams Around Europe

Introduction by EVNS
Margit Roed (Denmark)
Stephan Haulon (France)

Welcome to Hamburg: Presentation of vascular team in Hamburg
ESVS 33rd Annual Meeting Programme

**The vascular team work example from Denmark**
Lotte Rostgaard (Denmark)
Hadi Riazi (Denmark)
Margit Roed (Denmark)

**The set up of a vascular unit in UK**
Jorg De Bruin (United Kingdom)

**Panel discussion**

---

**Endovascular Track**
08:00 - 10:00
Hall 3, Room 5

**W05, Case selection and technical considerations in fenestrated EVAR**
This interactive case discussion will allow participants to identify the appropriate anatomy for fenestrated EVAR (FEVAR), to witness deployment of a fenestrated device according to IFU and deploy under supervision.

- Lead convenor: Jürgen Falkensammer (Vienna, Austria)
- Co-convenor: Afshin Assadian (Austria)

---

**Open Procedures Track**
08:00 - 10:00
Hall 3, Room 6

**W06, Basic Open AAA repair (Suggested if you plan to take the FEBVS exam)**
This is a hands-on workshop demonstrating basic open surgical techniques for infrarenal AAA. Participants will practice in pairs techniques on aortic model and will be taught tips and tricks.

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

---

**Imaging Track**
08:00 - 09:30
Hall 3, Room 8

**W08, Ultrasound Guided Puncture**
Ultrasound is extremely helpful to gain access to veins and arteries
It’s almost mandatory to assure a safe use of closure devices
After the course participants will be able to start using ultrasound to perform puncture of veins and arteries safely.

- Lead convenor: Carlos Martinez (Spain)
- Co-convenor: Xavier Martí (Spain)
- Co-convenor: Ana Arribas (Spain)
- Co-convenor: Begoña Gonzalo (Spain)
ESVS 33rd Annual Meeting Programme

Symposia
08:30 - 10:00

S01, ESVS/DGG Joint Session

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

Vascular Education: the German Concept
Farzin Adili (Germany) 08:30 - 08:45

The ESVS Academy: Training Concept for Europe
Jonas Eiberg (Denmark) 08:45 - 09:00

UEMS: the role and future impact.
Armando Manshilha (Portugal) 09:00 - 09:15

Vascular Education in Denmark: a modular concept in a centralistic system
Henrik Sillesen (Denmark) 09:15 - 09:30

The Academy of Excellence: a German SVS Project
Markus Steinbauer (Germany) 09:30 - 09:45

Publications in Vascular Surgery - an international Comparison
Reinhart Grundmann (Germany) 09:45 - 10:00

Vascular Medicine Track
08:30 - 10:00

W07, Interactive Case Discussions on DVT - Deep Venous Thromboembolism

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

Lead convenor: Nikolaj Eldrup (Denmark)

Coffee Break
10:00 - 10:30

Coffee Break
ESVS 33rd Annual Meeting Programme

Endovascular Track
10:15 - 12:15

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

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

Lead convenor: James McCaslin (United Kingdom)
Lead convenor: Sandip Nandhra (United Kingdom)
Co-convenor: Fernando Gallardo (Spain)
Co-convenor: Francisco Gomez Palones (Spain)
Co-convenor: Gaspar Mestres (Spain)
Co-convenor: Alberto Froio (Italy)
Co-convenor: Blandine Maurel (France)
Co-convenor: José Ignacio Leal (Spain)
Co-convenor: Katarina Bjorses (Sweden)
Co-convenor: Nicla Settembre (France)

Endovascular Track
10:15 - 12:15

W10, Sizing in Emergency (T)EVAR

This generic workshop will focus on a structured approach to evaluate the CTA of a patient with an aortic rupture. The importance of sizing and planning (C-arm angulations, introductory site of endoclamping and body, oversizing) will be emphasized. All participants will have the opportunity to learn and practice measurement, sizing of an emergency (T)EVAR procedure using dedicated 3D workstations (Terarecon) under supervision. Planning and ordering of a specific graft is NOT included in this workshop.

Lead convenor: Zoran Rancic (Switzerland)
Co-convenor: Christos Karkos (Greece)
Co-convenor: Simone Hofer (Switzerland)
Co-convenor: Frederico Bastos Gonçalves (Portugal)
Co-convenor: Teresa Martin Gonzalez (France)
Co-convenor: Nikos Tsilimparis (Germany)
ESVS 33rd Annual Meeting Programme

Miscellaneous Track
10:15 - 12:15

W11, Biomechanics for Physicians

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

Lead convenor: Igor Koncar (Serbia)
Co-convenor: Joy Roy (Sweden)
Co-convenor: Nikolaos Kontopodis (Heraklion, Greece)
Co-convenor: Christian Gasser (Sweden)
Co-convenor: Nenad Filipovic (Serbia)
Co-convenor: Panagiotis Siogkas (Greece)

Academic Track
10:15 - 12:15

W12, Academic Presentations: Getting the Message Across!

Presenting your research at a conference is desirable, but how do you get your message spread out to the audience and get a good score? Which tricks can you use and are there any pitfalls to avoid? This workshop will provide tips and tricks for a good presentation. First, stylistic tools will be discussed, then you will have the possibility to have hands-on training in a small group to improve your own presentation and at the end present in front of the workshop participants. The workshop will end with a feedback round from your peers.

Lead convenor: Claudia Schrimpf (Germany)
Co-convenor: Jonathan Beard (United Kingdom)

Symposia
10:30 - 12:00

S02, Breaking News in Clinical Trials

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

DES/BMS RCT Trial
Blandine Maurel (France)

ABSENCE OF LONG-TERM BENEFIT OF REVASCULARIZATION IN PATIENTS WITH INTERMITTENT CLAUDICATION - FIVE YEAR CLINICAL EFFECTIVENESS AND COST-EFFECTIVENESS RESULTS FROM THE IRONIC RANDOMIZED CONTROLLED TRIAL
Henrik Djerf (Gothenburg, Sweden)
ESVS 33rd Annual Meeting Programme

PREVENTION OF SURGICAL SITE INFECTIONS USING GENTAMICIN-CONTAINING COLLAGEN IMPLANTS FOLLOWING INGUINAL INCISION FOR VASCULAR SURGERY: A PROSPECTIVE RANDOMIZED CONTROLLED MULTICENTER TRIAL
Lina Wübbeke (Maastricht, Netherlands)

10:54 - 11:06

INGUINAL VASCULAR SURGICAL WOUND PROTECTION BY INCISIONAL NEGATIVE PRESSURE WOUND THERAPY - A RANDOMIZED CONTROLLED TRIAL - INVIPS TRIAL
Julien Hasselmann (Malmö, Sweden)

11:06 - 11:18

Effect of prescription of Metformin on AAA
Ronald Dalman (United States)

11:18 - 11:30

PAD substudy of COMPASS

11:30 - 11:42

Best CLI Trial Update
Alik Farber (United States)

11:42 - 11:49

VOYAGER Trial Update
Rupert Bauersachs (Germany)

11:49 - 11:56

ASCT 2 Trial Update
Alison Halliday (United Kingdom)

11:56 - 12:03

SwedePAD Trial Update
Marten Falkenberg (Sweden)

12:03 - 12:10

Symposia
10:30 - 11:30
Hall 4, Room 2

S03, Arteriovenous Malformations
Chair: Krassi Ivancev (Hamburg, Germany)
Chair: Fiona Rohlfis (Germany)

Vascular Malformations - an orphan disease!?
10:30 - 10:37

Tips and tricks on how to treat low-flow vascular malformations
10:37 - 10:44
Krassi Ivancev (Hamburg, Germany)

How to treat high-flow vascular malformations
10:44 - 10:51
Fiona Rohlfis (Germany)

The impact of different embolic agents on long-term results in vascular malformations
10:51 - 10:58

The retrograde vein approach
10:58 - 11:05
Krassi Ivancev (Hamburg, Germany)

Cure of complex Vascular Malformations
11:05 - 11:20
Wayne Yakes (United States)

Audience and Panel discussion
11:20 - 11:30
ESVS 33rd Annual Meeting Programme

Nurses & Sonographers
10:30 - 13:00  Hall 4, Room 3

**EVNS02, Ultra-sound symposium : AAA**

Chair: Margit Roed (Denmark)  
Invited Speaker: Filipe Fernandes (United Kingdom)  
Invited Speaker: Mari Murumets (United Kingdom)  
Invited Speaker: Fabrizio D’Abate (United Kingdom)

- **Introduction to abdominal aneurysms**  
  10:30 - 10:45

- **Principles of abdominal anatomy and ultrasound anatomy**  
  10:45 - 11:00

- **Ultrasound assessment of aorta and iliac arteries**  
  11:00 - 11:40

- **Screening and surveillance protocols**  
  11:40 - 12:00

- **Ultrasound assessment of endovascular repair (EVAR)**  
  12:00 - 12:30

- **Case studies - Q&A**  
  12:30 - 12:55

- **Closing remarks**  
  12:55 - 13:00

Vascular Medicine Track
10:30 - 12:00  Hall 3, Room 5

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

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

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

Open Procedures Track
10:30 - 12:30  Hall 3, Room 6

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

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

Lead convenor: Anders Albäck (Finland)  
Co-convenor: Joy Roy (Sweden)  
Co-convenor: Rebecca Hultgren (Sweden)  
Co-convenor: Patrick Björkman (Finland)
ESVS 33rd Annual Meeting Programme

**Venous Track**
10:30 - 12:30

**W15, Building an Acute Interventional Service for Acute DVT - Interventional strategies**

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

- **Why adopt an interventional treatment strategy in Acute DVT?**

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

- Patient selection - Who should we treat?

- Initial assessment of symptoms and diagnostic tests: getting the diagnosis right
  - Who benefits from treatment? Our experience
  - Treatment objectives of early clot removal, timing of Intervention Location, Location, Location - Case examples fem pop versus iliofemoral)

- How should we treat? Interventional strategies explored

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

- Lessons learned from establishing a Patient Pathway

- Tips & Tricks

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

**Imaging Track**
10:30 - 12:00

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

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

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

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

**General Session**
11:30 - 12:00

**GS2, UEMS Ceremony**
ESVS 33rd Annual Meeting Programme

General Session
12:00 - 12:30
Hall 4, Room 1

GS3, Presidential Address

Honorary Lectures
12:30 - 13:00
Hall 4, Room 1

HL1, Janet Powell Honorary Lecture
Invited Speaker: Jack L. Cronenwett (United States)

Industry Lunch Symposium
13:00 - 13:50
Hall 4, Room 3

Poster Presentations
13:00 - 14:00
Hall 4, Exhibition + Poster Area

PP01, Poster Presentations 01

DIRECTIONAL ATHERECTION OF THE COMMON FEMORAL ARTERY. LEARNING CURVE AND ONE YEAR FOLLOW UP
Fernando Picazo (Perth, Australia)

3D PRINTED AAA PHANTOMS FOR PRESURGICAL EVAR SIMULATION- A SINGLE CENTER EXPERIENCE
Jasamine Coles-Black (Heidelberg, Australia)

LONG-TERM OUTCOME OF PATIENTS WITH ACUTE TYPE B AORTIC DISSECTION - A SINGLE-CENTRE EXPERIENCE
Alexandra Gratl (Innsbruck, Austria)

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

MID-TO LONG-TERM OUTCOME RESULTS OF THE OVATION STENT-GRAFT
Hozan Mufty (Leuven, Belgium)

PREDICTORS OF ACUTE TRANSMURAL INTESTINAL NECROSIS IN ACUTE MESENTERIC ISCHEMIA: A SINGLE-CENTER RETROSPECTIVE STUDY
Xinyu Wang (Nanjing, China)

ENDOVASCULAR AORTIC REPAIR OF THE KOMMERELL DIVERTICULUM IN RIGHT-SIDE AORTIC ARCH: REPORT OF 4 CASES
Peixian Gao (Ji'nan, Shandong, China)
ALCOHOL INTAKE AND GROWTH RATE OF ABDOMINAL AORTIC ANEURYSMS IN MEN- RESULTS OF A PROSPECTIVE POPULATION-BASED RANDOMISED SCREENING TRIAL WITH UP TO FIVE YEAR FOLLOW-UP
Egle Kavaliunaite (Odense, Denmark)

STATIN NAÏVE PATIENTS WITH MYOCARDIAL INFARCTION HAVE MORE ECHOLUCENT PLAQUES COMPARED TO LONG-TERM STATIN TREATED CHRONIC ATHEROSCLEROTIC PATIENTS - A 3D ULTRASOUND STUDY
Lærke Urbak (Copenhagen, Denmark)

LEARN EVAR SIZING FROM SCRATCH IN 6 HOURS: THE RESULTS OF A ONE-DAY INTENSIVE COURSE IN EVAR SIZING AND STENT GRAFT SELECTION FOR VASCULAR TRAINEES
Michael Strøm (Slagelse, Denmark)

THE EFFECT OF AUTOLOGOUS BLOOD PATCH TREATMENT AMONG PATIENTS WITH HARD-TO-HEAL WOUNDS; A CLINICAL PERSPECTIVE
Annette Høgh (Viborg, Denmark)

PREOPERATIVE OPTIMISATION IN VASCULAR PATIENTS TO REDUCE PERI- AND POSTOPERATIVE BLOOD TRANSFUSIONS AND POSTOPERATIVE COMPLICATIONS - A PROOF OF CONCEPT STUDY
Camilla Mensel (Aarhus N, Denmark)

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

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

ENDOVASCULAR-FIRST STRATEGY FOR MANAGEMENT OF PERIPHERAL ARTERIAL ANEURYSMS IN BEHCETS DISEASE: A CONTEMPORARY CASE SERIES
Samer Regal (Mansoura, Egypt)

DRUG ELUTING BALLOON ANGIOPLASTY VERSUS BARE-METAL STENT IN TREATING CHRONIC TOTAL OCCLUSION OF FEMORO-POPITEAL ARTERIAL SEGMENT; A REVIEW OF ONE-YEAR OUTCOME OF 90 PATIENTS WITH TASC C AND D LESION
Ahmed Allam (Banha, Egypt)

THE EFFECT OF ILLIAC ANGIOPLASTY - AS A SINGLE LEVEL CORRECTION IN PATIENTS WITH MULTI-LEVEL ARTERIAL DISEASE - ON IMPROVING THE PATIENT’S CONDITION
Mohamed Rizk (Cairo, Egypt)

Candesartan treatment associates with reduced expression of collagen and matrix metalloproteinase genes in severely stenotic human aortic valves: A prospective, placebo-controlled, randomized, double-blinded clinical trial
Jaakko Ilmari Lommi (Helsinki, Finland)

ESTIMATE THE AAA WALL STRESS IS NOT ENOUGH TO PREDICT RUPTURE LOCATION AND SPECIFIC RISK
Fanny Lorandon (Besancon, France)
PREDICTORS OF POSTOPERATIVE RENAL DYSFUNCTION AND DURABILITY OF OPEN REPAIR OF JUXTARENAL ABDOMINAL AORTIC ANEURYSMS  
Aurélien Hostalrich (Toulouse, France)

IMPORTANCE OF EARLY DIAGNOSIS AND CARE IN KNEE DISLOCATIONS ASSOCIATED WITH VASCULAR INJURIES  
Philippe Tresson (Lyon, France)

FEMORAL BIFURCATION MORPHOLOGICAL ANALYSIS: OPTIMAL DIAMETER OF THE COMMON FEMORAL ARTERY STENT  
Bahaa Nasr (Brest, France)

CALCULATION OF PLATELET TO LYMPHOCYTE RATIO AS A PREDICTIVE FACTOR OF 30-DAY MORTALITY IN PATIENTS WITH ACUTE MESENTERIC ISCHEMIA  
Julien Chikande (Nice, France)

EVALUATION OF THE IMPACT OF SARCOPENIA IN PATIENTS WITH ACUTE MESENTERIC ISCHEMIA  
Julien Chikande (Nice, France)

HYBRID AORTIC ARCH REPAIR FOR DISTAL EVOLUTION AFTER DEBAKEY TYPE I DISSECTION  
Marine Gaudry (Marseille, France)

ARTERIOURETERAL FISTULAS: AN APPRAISAL OF CURRENT MANAGEMENT  
Lucie Salomon du Mont (Besancon, France)

CHRONOLOGY AND OUTCOMES OF SECONDARY PROCEDURES AFTER ENDOVASCULAR REPAIR OF INFRARENAL ABDOMINAL AORTIC ANEURYSMS  
Julien Chikande (Nice, France)

CORRELATION BETWEEN UNFAVORABLE TEVAR EVOLUTION AND MORPHOLOGICAL PARAMETERS  
Mariangela De Masi (Marseille, France)

PATIENT-SPECIFIC COMPUTATIONAL ANALYSIS OF THE IMPACT OF FENESTRATED AND CHIMNEY ENDOVASCULAR AORTIC REPAIR ON HAEMODYNAMICS IN RENAL ARTERIES  
Sabrina Ben Ahmed (Limoges, France)

COMPARISON OF INTRAOPERATIVE OUTCOMES AND INITIAL RESULTS OF ANTEGRADE LASER FENESTRATION VERSUS COMPANY-MANUFACTURED STENT GRAFTS IN FENESTRATED ENDOVASCULAR AORTIC ANEURYSM REPAIR  
Jean Sénémaud (Crêteil, France)

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

OPTIMIZING AORTIC ENDOVASCULAR REPAIR IN PATIENTS WITH MARFAN SYNDROME  
Quentin Pellenc (Paris, France)

ELECTIVE REPAIR OF A POPLITEAL ANEURYSM THROUGH THE DORSAL APPROACH WITH REPLACEMENT OF THE POPLITEAL ARTERY WITH BASILIC VEIN - RESULTS OF A SERIES OF 13 OPERATIONS  
Achim Neufang (Wiesbaden, Germany)
SAFE NATIVE PROXIMAL LANDING ZONE 2 IN TEVAR FOR CHRONIC TYPE B AORTIC DISSECTION (TBAD) PATIENTS WITH CONNECTIVE TISSUE DISORDERS (CTD)
Ahmed Eleshra (Hamburg, Germany)

CHANGES IN CAROTID SURGERY OVER ONE DECADE: LOWER MORTALITY AND MORBIDITY ASSOCIATED WITH INTRA OPERATIVE QUALITY CONTROL AND REFINEMENT OF TECHNIQUE DESPITE INCREASED OCTOGENARIAN OPERATIONS
Theresia Knop (Essen, Germany)

NEUROLOGICAL COMPLICATION RATES OF INTRAVENOUS THROMBOLYSIS COMBINED WITH EARLY CAROTID ENDARTERECTOMY FOR TREATMENT OF HYPERACUTE ISCHAEMIC STROKE
Ewa Swiecka (Herzberg, Germany)

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

MID-TERM RESULTS OF ILIAC BRANCHED ENDOGRAFTING WITH SELF-EXPANDABLE BRIDGING STENTS-GRAFTS
Kyriakos Oikonomou (Regensburg, Germany)

CAROTID-AXILLARY BYPASS IN ZONE 2 TEVAR: AN ALTERNATIVE APPROACH TO SUPRA-AORTIC DEBRANCHING PROCEDURES. A SINGLE CENTER MULTIVARIABLE ANALYSIS WITH MID-TERM RESULTS
Oana Bartos (Tübingen, Germany)

1 - YEAR RESULTS OF ENDOVENOUS LASER THERAPY WITH 1940NM LASER; LONGER WAVELENGTH AND LESSER ENERGY DENSITY (LEVEL 2 STUDY)
Claus-Georg Schmedt (Schwäbisch Hall, Germany)

INDOCYANINE GREEN FLUORESCENCE ANGIOGRAPHY FOR EVALUATION OF THE EFFECTS OF SPINAL CORD STIMULATION TO THE IMPROVEMENT OF THE MICROPERFUSION IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE WITH NO REVASCULARIZATION OPTIONS
Domenico Marco Stillitano (Mannheim, Germany)

INFRAPoplITEAL CARBON DIOXIDE (CO2) ANGIOGRAPHY IN DIABETIC PATIENTS WITH CRITICAL LIMB ISCHEMIA. LIMB RESCUE AND PREVENT KIDNEY FAILURE
Tigla Alexandru (Burghausen, Germany)

PERIOPERATIVE COMPLICATIONS IN PATIENTS WITH A “SHAGGY AORTA” UNDERGOING EVAR AND OPEN AORTIC SURGERY - A RETROSPECTIVE CASE SERIES AND CASE DISCUSSION
Marius P. Felecan (Essen, Germany)

INCIDENCE AND PREVENTION OF DEEP VEIN THROMBOSIS IN PATIENTS WITH POPLITEAL VEIN ANEURYSM
Beatriz Cucuruz (Frankfurt, Germany)

INTRAVASCULAR B-CELL LYMPHOMA: A RARE ENTITY WITH SIGNIFICANT CLINICAL CONSEQUENCES: A CASE REPORT AND REVIEW OF THE LITERATURE
Sotirios Goulas (Bonn, Germany)

FACTORS ASSOCIATED WITH LOWER INCIDENCE OF RUPTURE IN ABDOMINAL AORTIC ANEURYSMS
Konstantinos Spanos (Larisa, Greece)

EVALUATION OF THE LONG-TERM DURABILITY OF CAROTID ENDARTERECTOMY TECHNIQUES
Konstantinos Spanos (Larisa, Greece)
EVAR WITH THE USE OF NEW GENERATION ENDOGRAFTS IS A SAFE AND DURABLE PROCEDURE
Petroula Nana (Larissa, Greece)

COMBINED FENESTRATED/BRANCHED ENDOVASCULAR REPAIR OF THE AORTIC ARCH AND THE THORACOABDOMINAL AORTA
Konstantinos Spanos (Larisa, Greece)

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

CONTRALATERAL CAROTID OCCLUSION WITH SUFFICIENT CIRCLE OF WILLIS IS NOT ASSOCIATED WITH A HIGHER INCIDENCE OF NEUROLOGIC EVENTS DURING CAROTID ENDARTERECTOMY WITHOUT SHUNTING
Peter Banga (Budapest, Hungary)

CRYOPRESERVED ARTERIAL AND VENOUS ALLOGRAFT FOR INFRAINGUINAL BYPASS IN CHRONIC CRITICAL LIMB ISCHEMIA
David Garbaisz (Budapest, Hungary)

OBJECTIVE AND PREDICTIVE ANALYSIS OF ANASTOMOSES AS AN EDUCATIONAL AND BENCHMARKING TOOL
Balazs Gasz (Pecs, Hungary)

LOWER EXTREMITY ARTERIAL INJURIES: IMPACT OF TIME OF PRESENTATION, TYPE OF INJURY AND THERAPEUTIC STRATEGY WITH LIMB SALVAGE AT ONE MONTH
Uttam Kumar Thakur (Chandigarh, India)

CAROTID ENDARTERECTOMY IN SYMPTOMATIC PATIENTS - CHALLENGES OF IMPLEMENTING INTERNATIONAL GUIDELINES IN AN INDIAN SETTING
Prem Chand Gupta (Hyderabad, India)

ROLE OF CATHETER-DIRECTED THROMBOLYSIS IN PATIENTS WITH ACUTE ON CHRONIC LIMB ISCHEMIA DUE TO BUERGER’S DISEASE WITH NO OPTION CRITICAL LIMB ISCHEMIA
Sridhar Murugesan (Chennai, India)

NEW THERAPEUTIC STRATEGIES FOR THE TREATMENT OF CHRONIC VASCULAR WOUNDS: SINGLE CENTER EXPERIENCE WITH THE TRANSDERMAL CONTINUOUS OXYGEN THERAPY EPIFLO®
Gianfranco Varetto (Turin, Italy)

THE BRADEN SCALE AS A PREDICTOR FOR PERIOPERATIVE AND LONG TERM OUTCOMES AFTER REVASCULARIZATION OF SYMPTOMATIC PERIPHERAL ARTERIAL OCCLUSIVE DISEASE
Paolo Spath (Bologna, Italy)

ADVANTAGES OF A PRELOADED FENESTRATED STENT-GRAFT DESIGN DURING ENDOVASCULAR TREATMENT OF PARARENAL AND THORACO-ABDOMINAL ANEURYSMS
Alessandro Grandi (Milano, Italy)

ULTRA LOW-PROFILE AORTIC ENDOGRAFT: EARLY AND MID TERM OUTCOMES FROM THE ITALIAN TRIVENETO INCRAFT REGISTRY
Marco Zavatta (Padova, Italy)

PREOPERATIVE ENDOVASCULAR PROCEDURES AND SUCCINATE DEHYDROGENASE (SDH) GENETIC SCREENING AS USEFUL METHODS TO IMPROVE SURGICAL OUTCOMES IN PATIENTS WITH NECK PARAGANGLIOMAS (NPS)
Andrea Xodo (Padova, Italy)
IS SURGICAL REVASCULARIZATION FOR CHRONIC LIMB THREATENING ISCHEMIA RECOMMENDED IN PATIENTS OVER 85YEARS-OLD?  
Mohammad Abualhin (Bologna, Italy)

CONTAINED RUPTURE IN NON-ANEURYSMAL AORTA: 10 YEARS’ EXPERIENCE OF ENDOVASCULAR REPAIR OF PENETRATING AORTIC ULCERS IN URGENT AND ELECTIVE SETTING  
Paolo Spath (Bologna, Italy)

EARLY OUTCOMES OF ROUTINE DELAYED SHUNTING IN CAROTID ENDARTERECTOMY FOR SYMPTOMATIC PATIENTS  
Francesco Squizzato (Padova, Italy)

EAGLE SYNDROME AND INTERNAL CAROTID ARTERY DISSECTION: DESCRIPTION OF 5 CASES TREATED IN 2 VASCULAR INSTITUTIONS AND REVIEW OF THE LITERATURE  
Giuseppe Baldino (Genoa, Italy)

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

ANALYSIS OF FAILURE-MECHANISMS OF CRYOPRESERVED VASCULAR ALLOGRAFTS IN PERIPHERAL RECONSTRUCTIONS  
Giovanni Coppi (Bozen, Italy)

INITIAL CLINICAL EXPERIENCE WITH A NEW CONFORMABLE ABDOMINAL ENDOGRAFT: PRECISION OF DEPLOYMENT AND TORTUOSITY INDEX ANALYSIS IN CHALLENGING AORTIC NECK  
Gian Antonio Boschetti (Genoa, Italy)

IN-HOSPITAL MORTALITY PREDICTORS IN 1582 PATIENTS UNDERWENT ENDOVASCULAR OR SURGICAL INTERVENTION FOR PERIPHERAL ARTERY DISEASE: A SINGLE CENTER SURVIVAL ANALYSIS  
Gian Antonio Boschetti (Genoa, Italy)

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

RISK STRATIFICATION OF CAROTID ENDARTERECTOMY ACCORDING TO TYPE OF SYMPTOMS AND TIMING OF INTERVENTION  
Rodolfo Pini (Bologna, Italy)

MULTIMODAL NEUROPHYSIOLOGICAL MONITORING REDUCES SHUNT INCIDENCE DURING CAROTID ENDARTERECTOMY  
Marco Leopardi (L'Aquila, Italy)

MACHINE LEARNING AND NEURAL NETWORKS IN VASCULAR SURGERY  
Luca Rossi (Monza, Italy)

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

USEFUL IMAGING TO DETECT MACROPHAGE LOCALIZATION IN THE MEDIA AND ADVENTITIA OF THE ABDOMINAL AORTIC ANEURYSM WALL USING EX Vivo SUPERPARAMAGNETIC IRON OXIDE-ENHANCED MAGNETIC RESONANCE IMAGING  
Michihisa Umetsu (Sendai, Japan)
ACUTE AORTIC DISSECTION AND ANTICOAGULANT THERAPY: POSSIBILITIES AS NOVEL THERAPEUTIC TARGETS
Hiroki Tanaka (Hamamatsu, Japan)

QUANTIFICATION OF TARGET ARTERY CALCIFICATION USING COMPUTED TOMOGRAPHY IS USEFUL TO JUDGE WHETHER ANASTOMOSIS IS FEASIBLE OR NOT IN DISTAL BYPASS
Tadahiro Sasajima (Tokyo, Japan)

SURGICAL WOUND MANAGEMENT IN PARAMALLEOULAR BYPASS USING ARTIFICIAL DERMIS WITH/WITHOUT RELIEF INCISION
Yoshihiko Tsuji (Kobe, Japan)

FABRIC TEARS OF STENT GRAFT OFTEN EXIST AMONG ANEURYSM SAC EXPANSION AFTER ENDOVASCULAR ABDOMINAL AORTIC ANEURYSM REPAIR
Tomoki Cho (Yokohama, Japan)

THE EFFICACY OF ENDOVENOUS LASER ABLATION ALONE AS A TREATMENT FOR VARICOSE VEINS
Yohei Kawai (Nagoya, Japan)

PROGNOSTIC FACTORS OF LONG-TERM SURVIVORS AFTER SURGICAL REVASCULARIZATION IN DIALYSIS-DEPENDENT PATIENTS WITH CHRONIC LIMB THREATENING ISCHEMIA
Shinsuke Kikuchi (Asahikawa, Japan)

PREDICTIVE VALUE OF TISSUE OXYGENATION SATURATION FOR UL CER HEALING AFTER ENDOVASCULAR TREATMENT IN PATIENTS WITH CRITICAL LIMB ISCHEMIA - UTILITY OF A NEWLY-INVENTED FINGER-MOUNTED TISSUE OXIMETER WITH NEAR-INFRARED SPECTROSCOPY
Takahumi Kayama (Hamamatsu, Japan)

OUTCOMES OF CELIAC ARTERY COVERAGE DURING THORACIC ENDOVASCULAR AORTIC REPAIR
Hiroshi Banno (Nagoya, Japan)

STUDY ON PROGNOSIS OF BUTTOCK CLAUDICATION IN ENDOVASCULAR ANEURYSM REPAIR CASES INVOLVING INTERNAL I LIAC ARTERY EMBOLIZATION—COMPARISON OF BILATERAL AND UNILATERAL EMBOLIZATION
Shunya Suzuki (Sendai City, Japan)

FAST-TRACK PROTOCOL AFTER OPEN ABDOMINAL AORTIC SURGERY ENABLES SHORT HOSPITAL STAY SAME AS EVAR
Susumu Ozawa (Okayama, Japan)

A CHANGE OF DUPLEX SONOGRAPHIC VELOCITIES AND FLOW OF INFRAPOPLITEAL VEIN GRAFT IN 30 DAYS AFTER SURGERY IS A STRONG PREDICTOR FOR 1-YEAR GRAFT PATENCY
Naoya Kuriyama (Asahikawa-shi, Hokkaido, Japan)

RISK FACTORS FOR DEVELOPMENT OF PERIOPERATIVE STROKE AFTER CEA
Jihee Kang (Seoul, Korea, Republic of)

VENOUS THROMBOEMBOLISM FOLLOWING ABDOMINAL CANCER SURGERY IN THE KOREAN POPULATION: INCIDENCE AND VALIDATION OF RISK ASSESSMENT MODEL
Jiil Kim (Gyeonggi-do, Korea, Republic of)

OUTCOMES OF CAROTID ARTERY ENDARTERECTOMY (CEA) VS CAROTID ARTERY STENTING (CAS) VS OPTIMAL MEDICAL TREATMENT (OMT) FOR ASYMPTOMATIC CAROTID STENOSIS: INVERSE PROBABILITY OF TREATMENT WEIGHTING USING PROPENSITY SCORES
Jihee Kang (Seoul, Korea, Republic of)
USE OF THE NOVEL ALTURA DOUBLE-D ENDOGRAFT DEVICE FOR EVAR: SINGLE CENTRE EXPERIENCE AND 5-YEAR RESULTS IN ONE HUNDRED PATIENTS
Dainis Krievins (Riga, Latvia)

THE EFFECT OF THE DIAMETER OF ANEURYSM OF ABDOMINAL AORTA ON POST-OPERATIVE LEUKOCYTOSIS IN PATIENTS TREATED WITH ENDOVASCULAR ANEURYSM REPAIR
Niko Turkka (Riga, Latvia)

RE-INTERVENTIONS AFTER ENDOVASCULAR REPAIR FOR INFRARENAL ABDOMINAL AORTIC ANEURYSMS
Ruth Scicluna (Msida, Malta)

PSOAS MUSCLE AREA PREDICTS LENGTH OF STAY AND 30-DAY MAJOR ADVERSE COMPLICATIONS AFTER OPEN AND ENDOVASCULAR ABDOMINAL AORTIC ANEURYSM REPAIR
Ramon Garcia-Alva (Mexico, Mexico)

ENDOVASCULAR TREATMENT FOR STANFORD B AORTIC DISSECTION IN PATIENTS WITH CONNECTIVE TISSUE DISORDERS
Jose Alonzo Leal Franco (Monterrey, Mexico)

ASSESSMENT OF HEALTH RELATED QUALITY OF LIFE IN ASYMPTOMATIC CAROTID BODY TUMOR PATIENTS; STRATIFIED BY VOLUME TUMOR MEASUREMENT AND SHAMBLIN, PRIOR TO RESECTION
Ramon Garcia-Alva (Mexico, Mexico)

NATIONWIDE STUDY OF THE TREATMENT OF MYCOTIC ABDOMINAL AORTIC ANEURYSMS COMPARING OPEN AND ENDOVASCULAR REPAIR IN THE NETHERLANDS
Quan Dang (The Hague, Netherlands)

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

ROLE OF ADIPOSE TISSUE AND SKELETAL MUSCLE IN ATHEROSCLEROTIC OCCLUSIVE DISEASE (PERIPHERAL ARTERIAL DISEASE AND CAROTID ARTERIAL DISEASE) AND IN CENTRAL HEMODYNAMICS
Joana Ferreira (Guimaraes, Portugal)

HOME BLOOD PRESSURE MONITORING IN PATIENTS AFTER CAROTID ENDARTERECTOMY: A FEASIBILITY STUDY
Leonie Fassaert (Utrecht, Netherlands)

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

THE USE OF ANGIOSCOPY IN VASCULAR ACCESS SURGERY: SHEDDING NEW LIGHT
Mohamad Kamarizan (Wrexham, United Kingdom)

SIMULTANEOUS TREATMENT OF ACUTE PULMONARY EMBOLISM AND DEEP VENOUS THROMBOSIS. A PRELIMINARY MULTICENTRE EXPERIENCE
Massimo Pieraccini (Grosseto, Italy)
ESVS 33rd Annual Meeting Programme

Lunch Break
13:00 - 14:00 Hall 4, Exhibition + Poster Area

Lunch Break

Endovascular Track
13:45 - 15:45 Hall 3, Room 1

W17, Essentials in EVAR
This workshop is a practical hands-on workshop that will allow the participants to select the appropriate anatomy for EVAR, to learn the various steps of EVAR after thorough planning (not part of this workshop), be able to deploy the abdominal stent-grafts and have a back-up plan should challenges arise.

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

Endovascular Track
13:45 - 15:45 Hall 3, Room 2

W18, Endovascular Toolkit in PAD (basic) (Suggested if you plan to take the FEBVS exam)
Trainees are often daunted by the wide array of unfamiliar kit required to perform endovascular procedures. This workshop aims to introduce candidates to the basic endovascular toolkit (incl. wires, catheters, balloons, stents...) required for peripheral intervention and familiarise them in a friendly, hands-on environment, with the opportunity to ask any question about endovascular tools to the expert faculty.

Lead convenor: James McCaslin (United Kingdom)
Lead convenor: Sandip Nandhra (United Kingdom)
Co-convenor: Fernando Gallardo (Spain)
Co-convenor: Alberto Froio (Italy)
Co-convenor: José Ignacio Leal (Spain)
Co-convenor: Chris Twine (United Kingdom)
Co-convenor: Katarina Bjorses (Sweden)
Co-convenor: Daniel Eefting (Netherlands)

Academic Track
13:45 - 15:45 Hall 3, Room 4

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

TBC

Lead convenor: Jonathan Beard (United Kingdom)
Co-convenor: Philip Stather (United Kingdom)
ESVS 33rd Annual Meeting Programme

Symposia
14:00 - 15:00 Hall 4, Room 1

**S04, Vascunet/ICVR Joint Session**

Chair: Kevin Mani (Sweden)
Chair: Jack L. Cronenwett (United States)

- **Volume-outcome relationship in aortic surgery - lessons from international registry collaboration**
  Salvatore Scali (Gainesville, United States)  14:00 - 14:15

- **Variations in amputation rate for peripheral arterial disease - a Vascunet analysis**
  Christian-Alexander Behrendt (Hamburg, Germany)  14:15 - 14:30

- **Can registry data be used for evaluation of new technology in vascular surgery - the Paclitaxel example**
  Daniel Bertges (United States)  14:30 - 14:45

- **Carotid intervention practice in an international perspective**
  Maarit Venermo (Helsinki, Finland)  14:45 - 15:00

Scientific Sessions
14:00 - 16:00 Hall 4, Room 2

**SS02, SCIENTIFIC SESSION 02 - PAD**

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

Chair: Anders Albäck (Finland)
Chair: Kim Christian Houlind (Denmark)
Invited Speaker: Frank Vermassen (Belgium)

Nurses & Sonographers
14:00 - 15:30 Hall 4, Room 3

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

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

- **Summary of the new ESVS AAA guideline and how to choose between open AAA repair and EVAR**
  Franziska Heidemann (Hamburg, Germany)  14:00 - 14:20

- **AAA and Nursing care**
  Lone Schmidt (Denmark)  14:20 - 14:40
Patient perspectives from OAR and EVAR  

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

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

Lead convenor: Arno Wiersema (Netherlands)
Co-convenor: Rupert Bauersachs (Darmstadt, Germany)

Open Procedures Track

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

Vascular surgeons are involved in vascular trauma management and the need for improving open vascular and endovascular trauma techniques have been increasingly recognized in recent years. This workshop provides excellent hands on experience to perform vascular damage control procedures:
- Introduction lecture and decision making
- Hands-on
  - Models to practice vascular trauma damage control techniques
  - Vascular shunts
  - Vascular control and open repair
  - REBOA-technique
  - Covered stentgraft

Lead convenor: Zoran Rancic (Switzerland)
Co-convenor: Carl-Magnus Wahlgren (Sweden)
Co-convenor: Christos Karkos (Greece)
Co-convenor: Gioele Simonte (Italy)
ESVS 33rd Annual Meeting Programme

Imaging Track
14:00 - 15:30
Hall 3, Room 8

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

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

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

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

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

Symposia
15:00 - 16:00
Hall 4, Room 1

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

Chair: Stephan Haulon (France)
Chair: Jürg Schmidli (Switzerland)

Aortic arch pathologies consensus document: a summary of key messages of this joint effort 15:00 - 15:15
How the underlying pathology affects the choice of the treatment modality 15:15 - 15:30
Tilo Kölb (Germany)

Monitoring during aortic arch repair - how to do the right things 15:30 - 15:45
Jürg Schmidli (Switzerland)

Branched endovascular aortic arch repair 15:45 - 16:00
Stephan Haulon (France)

Coffee Break
16:00 - 16:30
Hall 4, Exhibition + Poster Area

Coffee Break
ESVS 33rd Annual Meeting Programme

Endovascular Track
16:15 - 18:15
Hall 3, Room 1

**W25, Essentials in TEVAR**

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

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

Endovascular Track
16:15 - 18:15
Hall 3, Room 2

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

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

: Lead convenor: James McCaslin (United Kingdom)
Lead convenor: Sandip Nandhra (United Kingdom)
Co-convenor: Francisco Gomez Palones (Spain)
Co-convenor: Alberto Froio (Italy)
Co-convenor: Blandine Maurel (France)
Co-convenor: Katarina Bjorses (Sweden)
Co-convenor: José Ignacio Leal (Spain)
Co-convenor: Xavier Yugueros (Spain)
Co-convenor: Simon Neequaye (United Kingdom)

Endovascular Track
16:15 - 18:15
Hall 3, Room 3

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

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

: Lead convenor: Ashish Patel (United Kingdom)
Co-convenor: Chris Twine (United Kingdom)
Co-convenor: Konstantinos Stavroulakis (Greece)
Co-convenor: Mariano Palena (Italy)
Co-convenor: Teresa Martin Gonzalez (France)
Co-convenor: Michael Lichtenberg (Germany)
W28, Interactive Case Discussions on How to Optimize your Patient Before Surgery

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

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

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

Lead convenor: Eske Aasvang (Denmark)

S06, EJVES/JVS Joint Session

Chair: Philippe Kolh (Belgium)

- **What are the Papers we are Looking for to Publish in the EJVES and Why?**
  16:30 - 16:40
  Philippe Kolh (Belgium)

- **What Papers Have the Best Chance to Get into the JVS Journals?**
  16:40 - 16:50
  Peter Gloviczki (United States)

- **Top reasons why manuscripts are rejected**
  16:50 - 17:00
  Florian Dick (Switzerland)

- **The Secrets of a Successful Clinical Research Paper**
  17:00 - 17:10
  Martin Björck (Sweden)

- **EJVES Interactive - into a different future**
  17:10 - 17:20
  Melina Vega de Ceniga (Galdakao, Spain)

- **The Power Of Multicenter Registries: How To Write Highly Cited Papers?**
  17:20 - 17:30
  Arindam Chaudhuri (Bedford, United Kingdom)

- **EJVES and Social Media - Twitter, PlumX, Facebook, LinkedIn**
  17:30 - 17:40
  Arindam Chaudhuri (Bedford, United Kingdom)

Panel Discussion
  17:40 - 18:00

Nurses & Sonographers

Chair: Louise Allen (United Kingdom)
Chair: Fabrizio D’Abate (United Kingdom)
ESVS 33rd Annual Meeting Programme

PARTNERS' EXPERIENCES OF LIVING WITH A MAN WHO HAS A SCREENING-DETECTED ABDOMINAL AORTIC ANEURYSM: A QUALITATIVE INTERVIEW STUDY
Anna Ericsson (Hongkong, Hong Kong, China)

SENSE OF COHERENCE AMONG NON-ATTENDEE WOMEN IN A MULTIFACETED SCREENING PROGRAM FOR CARDIOVASCULAR DISEASES
Marie Dahl (Viborg, Denmark)

ROLE OF DIGITAL IMAGING IN MONITORING ULCER SURFACE AREA IN DEVELOPING COUNTRIES
Srilatha Magapu (Hyderabad, India)

Endovascular Track
16:30 - 18:30
Hall 3, Room 5

W29, Interactive Case Discussions on Essentials in Acute Aortic Syndrome
Basic workshop to explain the management of acute type B aortic dissections including diagnosis, best medical treatment, indication for invasive treatment and discuss various treatment modalities including need for additional stenting of side branches (referencing ESVS guidelines). This workshop will be largely based on interactive case discussions.

No hands-on opportunities will be offered.

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

Open Procedures Track
16:30 - 18:30
Hall 3, Room 6

W30, Carotid Surgery (Suggested if you plan to take the FEBVS exam)
This is a hands-on workshop demonstrating surgical techniques for carotid surgery. During the course different techniques for carotid surgery (patch, shunt etc.) will be demonstrated and also bail-out strategies. Participants will practice techniques on models and will be taught tips and tricks.

Lead convenor: Ed Sideso (United Kingdom)
Co-convenor: Alison Halliday (United Kingdom)
Co-convenor: Umit Altinas (Denmark)
Co-convenor: Ashok Handa (United Kingdom)
Co-convenor: Claudia Schrimpf (Germany)
ESVS 33rd Annual Meeting Programme

Venous Track
16:30 - 18:00

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

The workshop is designed to discuss the modalities of treatment of all stages of venous disorders upon presented cases. A special role of non-tumescent non thermal endovenous interventions and sclerotherapy will be highlighted in early stages of disease and in aesthetic phlebology (reticular veins, spider veins). The participants will be able to prepare all the equipment (Flebogrif, Clarivein, foam preparation) to use and also make injections. Some crucial tips and tricks and economic principles of the treatment will be presented. Role of translumination and ultrasound will be discussed.

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

Imaging Track
16:30 - 18:30

W32, Lower Limbs Arterial Duplex Ultrasound

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

Case discussion on a recorded examination with disease.

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

Lead convenor: Xavier Martí (Spain)
Co-convenor: Steven Rogers (United Kingdom)
Co-convenor: Carlos Martinez (Spain)
Co-convenor: Begoña Gonzalo (Spain)
Thursday, 26. September 2019

General Session
07:00 - 08:00
Hall 4, Room 1

GS4, ESVS AGM

Endovascular Track
07:45 - 09:45
Hall 3, Room 1

W33, Essentials in FEVAR
This workshop will allow the participants to learn more about case selection for FEVAR, to be familiarized with the FEVAR basic toolkit, learn the various steps of FEVAR, be able to deploy the fenestrated stent-graft and have a back-up plan should challenges arise.

Sizing is NOT included in this workshop.

Lead convenor: Bijan Moderai (United Kingdom)
Co-convenor: Blandine Maurel (France)
Co-convenor: Donald Adam (United Kingdom)
Co-convenor: Enrico Cieri (Italy)
Co-convenor: Adrien Hertault (France)
Co-convenor: Tara Mastracci (United Kingdom)

Endovascular Track
07:45 - 09:45
Hall 3, Room 2

W34, Sizing in EVAR for Elective Infrarenal AAA
This generic workshop will focus on a structured approach to evaluate the CTA of a patient with an elective infrarenal AAA. The importance of sizing and planning (C-arm angulations) for a durable repair will be emphasized. All participants will have the opportunity to learn and practice measurement, sizing of an EVAR procedure using dedicated 3D workstations under supervision.

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

Lead convenor: Joost van Herwaarden (Netherlands)
Co-convenor: Louise de la Motte (Denmark)
Co-convenor: Simone Hofer (Switzerland)
Co-convenor: Jean Paul de Vries (Netherlands)
Co-convenor: Javier Peinado Cebrián (Spain)
Co-convenor: Sofia Stromberg (Sweden)
**ESVS 33rd Annual Meeting Programme**

**Endovascular Track**  
07:45 - 09:45  
Hall 3, Room 3

**W35, Endovascular Treatment of Calcified Femoropopliteal Lesions**

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

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

**Academic Track**  
07:45 - 09:45  
Hall 3, Room 4

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

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

Lead convenor: Philip Stather (United Kingdom)  
Co-convenor: Dave Bosanquet (United Kingdom)

**Imaging Track**  
07:45 - 09:45  
Hall 3, Room 5

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

This workshop will give the attendees tools and knowledge to finally understand ultrasound physics and directly relate ultrasound basics to images that appear in daily examinations. The session will broke down physics into clear concepts and practical exercises, running away from classical lectures. The workshop is intended not only to provide a solid foundation of physics which elevates competence in the field for vascular surgeons, vascular trainees and nurses but also to cover basic ultrasound physics concepts that are frequently asked in the Exam for the Certificate of Competences in Vascular Ultrasound (CCVUS).

Lead convenor: José Ignacio Leal (Spain)  
Co-convenor: Filipe Fernandes (United Kingdom)
ESVS 33rd Annual Meeting Programme

Symposia
08:00 - 10:00

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

: Chair: Alison Halliday (United Kingdom)
Chair: Wolfram Doehner (Germany)

The overlap between cardiac complications, stroke and vascular intervention
Wolfram Doehner (Germany)

08:00 - 08:15

Cardiac Interventions and Vascular Surgery - PTCA, Valve repair and TAVI
Elved Roberts (United Kingdom)

08:15 - 08:30

Acute Stroke, thrombolysis and thrombectomy - when to treat carotid stenosis
Mikael Mazighi (France)

08:30 - 08:45

Atrial Fibrillation - how hard should we look for this after vascular embolectomy?

08:45 - 09:00

Stroke, Carotid intervention and women
Valeria Caso (Italy)

09:00 - 09:15

Cases for cooperation!
Barbara Rantner (Austria)

09:15 - 09:45

Scientific Sessions
08:00 - 10:00

SS03, SCIENTIFIC SESSION 03 - AAA

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

: Chair: Hence Verhagen (Netherlands)
Chair: Ronald Dalman (United States)
Chair: Rebecca Hultgren (Sweden)
Invited Speaker: Anders Wanhainen (Sweden)

Nurses & Sonographers
08:00 - 10:00

EVNS05, Challenges in Vascular Ultrasound

: Chair: Ivonne Bajonschak (Germany)
## ESVS 33rd Annual Meeting Programme

<table>
<thead>
<tr>
<th>Session</th>
<th>Time</th>
<th>Speaker(s)</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short intro of the society and membership benefits</td>
<td>08:00 - 08:10</td>
<td>Margit Roed (Denmark)</td>
<td>Hall 3, Room 6</td>
</tr>
<tr>
<td>Training in Vascular Ultrasound: -Current trends across Europe -Who should perform ultrasound?</td>
<td>08:10 - 08:30</td>
<td>Fabrizio D’Abate (United Kingdom)</td>
<td>Hall 3, Room 6</td>
</tr>
<tr>
<td>Skills and expertise in vascular ultrasound - A Vascular Surgeon’s journey from training to European Certification</td>
<td>08:30 - 09:00</td>
<td>Carlos Amaral (Portugal)</td>
<td>Hall 3, Room 6</td>
</tr>
<tr>
<td>Using CEUS in EVAR: What is it all about?</td>
<td>09:00 - 09:10</td>
<td>Fabrizia Giannoni (Italy)</td>
<td>Hall 3, Room 6</td>
</tr>
<tr>
<td>Using CEUS in EVAR: Experience from a single center - Hamburg Vascular Team</td>
<td>09:10 - 09:20</td>
<td>Sina Noorzad (Germany)</td>
<td>Hall 3, Room 6</td>
</tr>
<tr>
<td>Tomographic 3D Ultrasound</td>
<td>09:20 - 09:40</td>
<td>Steven Rogers (United Kingdom)</td>
<td>Hall 3, Room 6</td>
</tr>
<tr>
<td>New Technology and Machine Learning</td>
<td>09:40 - 10:00</td>
<td>Mari Murumets (United Kingdom)</td>
<td>Hall 3, Room 6</td>
</tr>
</tbody>
</table>

### Open Procedures Track

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

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

- **Lead convenor:** Chris Darby (United Kingdom)
- **Co-convenor:** Daniel Eefting (Netherlands)
- **Co-convenor:** Umit Altinias (Denmark)
- **Co-convenor:** Ashok Handa (United Kingdom)
- **Co-convenor:** Elena Iborra (Spain)
ESVS 33rd Annual Meeting Programme

Venous Track
08:00 - 09:30
Hall 3, Room 7


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

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

Imaging Track
08:00 - 09:30
Hall 3, Room 8

W40, AV Fistula Planning

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

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

Coffee Break
10:00 - 10:30
Hall 4, Exhibition + Poster Area
Endovascular Track
10:15 - 12:15

W41, Essentials in BEVAR

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

Sizing is NOT included in this workshop.

Lead convenor: Enrico Cieri (Italy)
Co-convenor: Anna Prent (United Kingdom)
Co-convenor: Bijan Moderai (United Kingdom)
Co-convenor: Nikos Tsilimparis (Germany)
Co-convenor: Mark Farber (United States)
Co-convenor: Timothy Resch (Sweden)

Endovascular Track
10:15 - 12:15

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

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

Generic sizing is NOT included in this workshop.

Lead convenor: Joost van Herwaarden (Netherlands)
Co-convenor: Konstantinos Donas (Germany)
Co-convenor: Colin Bicknell (United Kingdom)
Co-convenor: Andrea Kahlberg (Italy)
Co-convenor: Javier Peinado Cebrían (Spain)
Co-convenor: Gioele Simonte (Perugia, Italy)
Co-convenor: Barend Mees (Netherlands)

Endovascular Track
10:15 - 12:15

W43, Endovascular Treatment of CTO in the Femoropopliteal Artery

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

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

Lead convenor: Konstantinos Stavroulakis (Greece)
Co-convenor: Hany Zayed (United Kingdom)
Co-convenor: Michael Lichtenberg (Germany)
ESVS 33rd Annual Meeting Programme

Miscellaneous Track
10:15 - 11:45  Hall 3, Room 4

W44, Negative-pressure Wound therapy - How, Why and When?
NPWT promote healing in acute or chronic wounds by applying a vacuum through a special sealed dressing. NPWT can also be use in the management of the open abdomen (laparotomy) due to i.e. abdominal compartment. This workshop aims to introduce candidates to the different NPWT systems and basic NPWT toolkit (incl. dressing, sponges, equipment...) required. Participants will familiarize with a couple of systems in a friendly, hands-on environment, with the opportunity to ask any question to the expert faculty and try different systems. We will cover a variety of wounds types and give tips and tricks.
How and when to use of NPWT in the management of open abdomen will be covered as well.

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

Academic Track
10:15 - 12:15  Hall 3, Room 5

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

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

Symposia
10:30 - 12:00  Hall 4, Room 1

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

: Chair: Jonothan Earnshaw (United Kingdom)
Chair: Martin Björck (Sweden)

  Introduction, how the Guidelines were developed and general aspects  10:30 - 10:40
  Martin Björck (Sweden)

  Diagnosis of ALI, challenges and recommendations  10:40 - 10:50
  Jos Van Den Berg (Switzerland)

  Initial management and decision making, recommendations  10:50 - 11:00
  Jonothan Earnshaw (United Kingdom)

  Open and hybrid surgery, recommendations  11:00 - 11:10
  Sebastian Debus (Germany)

  Thrombolysis, recommendations  11:10 - 11:20
  Stefan Acosta (Sweden)

  Postoperative problems (incl. reperfusion injury), follow-up and secondary prevention  11:20 - 11:30
  Gabor Menyhei (Hungary)
**ESVS 33rd Annual Meeting Programme**

**Popliteal artery aneurysm with ALI and Upper limb ALI**  
Frederic Cochenec (France)  
11:30 - 11:37

**ALI in children and acute aortic occlusion**  
Frederico Bastos Gonçalves (Portugal)  
11:37 - 11:44

**Unresolved issues and future research**  
Rob Hinchliffe (United Kingdom)  
11:44 - 11:51

**Final discussion**  
11:51 - 11:59

---

**Symposia**

10:30 - 12:00  
Hall 4, Room 2

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

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

**EVTM (endovascular resuscitation and Trauma Management)- a paradigm shift in trauma and resuscitation**  
Tal M. Hörer (Sweden)  
10:30 - 10:41

**Hybrid Emergency Room: All in one trauma resuscitation room**  
Takahiro Kinoshita (Japan)  
10:41 - 10:52

**Use of REBOA and other endovascular methods for pending traumatic arrest and non-traumatic arrest- data and current status.**  
David McGreevy (Sweden)  
10:52 - 11:03

**PRESTO – start soon, finish sooner!**  
Junichi Matsumoto (Japan)  
11:03 - 11:14

**Embolization for bleeding control - current recommendations**  
Anna Maria Ierardi (Italy)  
11:14 - 11:25

**Registry data on REBOA- what do we know? Update from the ABOTrauma registry, AORTA registry, UK REBOA trial**  
Artai Pirouzram (Sweden)  
11:25 - 11:36

**100% endo for rAAA and TrAA-possible to do. technical aspects**  
Hidemitsu Ogino (Japan)  
11:36 - 11:47

**REVAR how to do it, tips and tricks - from simulation to side rail technique**  
Pekka Aho (Finland)  
11:47 - 11:58
Nurses & Sonographers
10:30 - 11:45
Hall 4, Room 3

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

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

- **Introduction to PROM and PREM**
  Christine Kumlien (Sweden)
  10:30 - 10:50

- **Quality of life and venous disease**
  Martin Lawaetz (Denmark)
  10:50 - 11:10

- **Quality of life and AAA**
  Jörg De Bruin (United Kingdom)
  11:10 - 11:25

- **PROM and vascular disease experiences from Sheffield and Quality of life and carotid stenosis**
  Ahmed Aber (United Kingdom)
  11:25 - 11:45

Open Procedures Track
10:30 - 12:30
Hall 3, Room 6

**W46, Open Basic AV Fistula**

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

Lead convenor: Ulf Hedin (Sweden)
Co-convenors: Gaspar Mestres (Spain), Anton Razuvajev (Sweden), Mirko Menegolo (Italy), Johnny Baumann Olsen (Denmark), Begoña Gonzalo (Spain)

Venous Track
10:30 - 12:00
Hall 3, Room 7

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

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

Lead convenor: Tomasz Pelak (Poland)
Co-convenors: Michał Goran Stanisic (Poland), Paweł Świercz (Poland), Petar Dragic (Serbia)
W48, AAA Screening

Ultrasound has become an increasingly important tool in screening and surveillance of abdominal aortic aneurysms, being a cost effective procedure to prevent related death. The safety and reliability of ultrasound has made it a preferable method for AAA diagnosis and post-treatment follow-up. However, the accuracy and reproducibility of this examination can only be as good as the operator’s understanding of the technique, experience and proficiency. This workshop aims to provide participants the technical skills for accurate measurement of abdominal aortic diameter and to review the differences between aortic examination (to verify a pathology) and screening (to exclude an AAA).

Lead convenor: Filipe Fernandes (United Kingdom)
Invited Speaker: Anders Wanhainen (Sweden)
Co-convenor: Linda Lyttkens (Sweden)
Co-convenor: Fabrizio D’Abate (United Kingdom)
Co-convenor: Mari Murumets (United Kingdom)
Co-convenor: Sina Noorzad (Germany)
Co-convenor: Carlos Martinez (Spain)

S10, Training in Open Surgery: Problems and challenges

Chair: Bahaa Arefai (Spain)
Chair: Carl-Magnus Wahlgren (Sweden)

**Brief introduction of program and speakers**
Bahaa Arefai (Spain)  12:00 - 12:05

**Keynote presentation**
Carl-Magnus Wahlgren (Sweden)  12:05 - 12:15

**Do we really have a problem with open surgery training?**
Alexandra Gratl (Innsbruck, Austria)  12:15 - 12:25

**Strategies and solution to improve training in Open Surgery**
Vincent Jongkind (Netherlands)  12:25 - 12:35

**Mobility to increase exposure to open surgery**
Igor Koncar (Serbia)  12:35 - 12:45

**Training vascular trauma in Europe**
Daniel Hinck (Hamburg, Germany)  12:45 - 12:55

**Final discussion**  12:55 - 13:00
ESVS 33rd Annual Meeting Programme

Scientific Sessions
12:00 - 13:00

SS04, SCIENTIFIC SESSION 04 - Supra-aortic Arterial Disease

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

Chair: Pirkka Vikatmaa (Finland)
Invited Speaker: Hans-Henning Eckstein (Munich, Germany)

Nurses & Sonographers
12:00 - 13:00

EVNS07, Abstract Presentations

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

12:00 - 12:20
ILLNESS PERCEPTION IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE - A SYSTEMATIC REVIEW
Rebecka Striberger (Malmö, Sweden)

12:20 - 12:40
ARTERIO-VENOUS FISTULA SURVEILLANCE USING TOMOGRAPHIC 3D ULTRASOUND
Steven Rogers (Manchester, United Kingdom)

12:40 - 13:00
A MIXED METHODS STUDY OF CROSS-SECTORAL REHABILITATION INTERVENTION FOR PATIENTS WITH INTERMITTENT CLAUDICATION VERSUS USUAL CARE FOR PATIENTS IN NON-OPERATIVE MANAGEMENT. -THE CIPIC REHAB STUDY
Maj Siercke (Copenhagen, Denmark)

Industry Lunch Symposium
13:00 - 13:50

IL2, Industry Lunch Symposium

Poster Presentations
13:00 - 14:00

PP02, Poster Presentations 02

MICROEMBOLI AFTER CAROTID ENDARTERECTOMY: DATA FROM 1062 PATIENTS FROM TWO CENTERS
Werner Mess (Maastricht, Netherlands)
VOLUMETRIC ASSESSMENT OF EXTRACRANIAL CAROTID ARTERY ANEURYSMS
Constance JHCM van Laarhoven (Utrecht, Netherlands)

WHICH SPECIALTY SHOULD PERFORM CAROTID ENDARTERECTOMY AND CAROTID ARTERY STENTING?
Michiel Poorthuis (Oxford, United Kingdom)

NEGATIVE PRESSURE WOUND THERAPY (PICO) AS A MEANS TO DECREASE SURGICAL SITE INFECTION
Otmar Wikkeling (Drachten, Netherlands)

FIRST-IN-HUMAN RESULTS OF ULTRASOUND VELOCIMETRY FOR VISUALIZATION OF BLOOD FLOW PATTERNS IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE
Stefan Engelhard (Arnhem, Netherlands)

SYSTEMATIC REVIEW AND META-ANALYSIS ON THE MANAGEMENT OF OPEN ABDOMINAL AORTIC GRAFT INFECTIONS
Ivo Post (Amsterdam, Netherlands)

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

POST IMPLANT SYNDROME INFLUENCES LONG-TERM CARDIOVASCULAR PROGNOSIS AFTER EVAR
Rita Soares Ferreira (Rotterdam, Netherlands)

ONE STEP AT A TIME - IMPROVING SURGICAL TEACHING AND TRAINING
Sarah Lesche (Dunedin, New Zealand)

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

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

LATE OPEN CONVERSION AFTER FAILED EVAR: TREATMENT AND RESULTS - A SERIES OF THIRTY CASES
Piotr Szopinski (Warsaw, Poland)

LONG-TERM RESULTS OF ENDOVASCULAR ANEURYSM SEALING IN TREATMENT OF INFRARENAL ABDOMINAL AORTIC ANEURYSM WITH UNFAVOURABLE MORPHOLOGY
Łukasz Dzieciuchowicz (Poznań, Poland)

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

PREVALENCE AND PREDICTIVE VALUE OF THE THROMBIN-ANTITHROMBIN COMPLEX LEVELS IN PATIENTS WITH ABDOMINAL AORTIC ANEURYSM AND PERIPHERAL ARTERIAL DISEASE UNDERGOING ENDOVASCULAR INTERVENTIONS
Michal Juszynski (Warsaw, Poland)

INITIAL EXPERIENCE WITH THE BEGRAFT BALLOON EXPANDABLE COVERED STENT FOR ENDOVASCULAR TREATMENT OF PENETRATING ABDOMINAL AORTIC OR Iliac Artery Ulcer
Łukasz Kruszyna (Poznan, Poland)
ENDOVASCULAR TREATMENT OF THORACO-ABDOMINAL ANEURYSMS IN PATIENTS WITH AORTIC DISSECTION
Tomasz Jakimowicz (Warsaw, Poland)

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

PRE-OPERATIVE ANEMIA AS A PREDICTIVE MORBIDITY OUTCOME: A RETROSPECTIVE ANALYSIS OF A VASCULAR SURGERY DEPARTMENT
Ana Carolina Semiao (Porto, Portugal)

THE ENDOREVOLUTION - GOING FURTHER IN ENDOVASCULAR TECHNIQUES DEDICATED TO NEUROISCHEMIC DIABETIC FOOT
Rita Augusto (Vila Nova de Gaia, Portugal)

SURGERY AND THROMBOLYSIS FOR MANAGEMENT OF ACUTE LIMB ISCHAEMIA. A COST-BENEFIT ANALYSIS
Gabriela Teixeira (Porto, Portugal)

OUTCOME OF LOWER LIMB MAJOR AMPUTATIONS: A RETROSPECTIVE STUDY
Henrique Guedes da Rocha (Porto, Portugal)

ANALYSIS OF LONG-TERM ORAL ANTICOAGULATION AND RELATION TO RECURRENCE OF ACUTE LIMB ISCHEMIA AFTER URGENT UPPER LIMB EMBOLECTOMY: A 5-YEAR EVALUATION
Joana Cruz Silva (Coimbra, Portugal)

LONG-TERM FUNCTIONING ANEURYSMAL FREE TISSUE-ENGINEERED VASCULAR GRAFT BASED ON COMPOSITE BI-LAYERED (PLLA/FPL) SCAFFOLD
Guriy Popov (Saint-Petersburg, Russian Federation)

ENDOVENOUS LASER ABLATION OF GREAT AND SMALL SAPHENOUS VEINS WITH 1470 NM DIODE LASER AND RADIAL SLIM FIBRES
Hovsep Manjikian (Moscow, Russian Federation)

PREDICTORS OF COMPLICATIONS IN NECK PARAGANGLIOMA SURGERY
Alexander Golovyu (Moscow, Russian Federation)

NEW TECHNIQUES IN DIAGNOSIS OF VISCERAL AND RENAL ARTERIES DISEASES
Ainur Askerova (Moscow, Russian Federation)

INTRAVASCULAR VISUALIZATION IN CAROTID ARTERY STENOSIS TREATMENT: ONE-CENTRE EXPERIENCE
Nikolai Zherdev (Saint Petersburg, Russian Federation)

THE INFLUENCE OF VARIED TECHNIQUES OF CAROTID ENDARTERECTOMY ON INCIDENCE OF POSTOPERATIVE COMPLICATIONS
Konstantin Andreichuk (Saint-Petersburg, Russian Federation)

ASSESSMENT OF COAGULATION PARAMETERS AS POTENTIAL MARKERS FOR VENOUS THROMBEMBOLISM IN PATIENTS WITH CARDIAC IMPLANTABLE ELECTRONIC DEVICES
Roman Kalinin (Ryazan, Russian Federation)
COMPUTED ANGIOGRAPHY IN ASSESSMENT OF CRITICAL OCCLUSIVE CAROTID DISEASE - ABILITY TO OBSERVE DIFFERENT TYPES OF PATHOLOGY: CRITICAL STENOSIS, NEAR-OCCCLUSION AND LOCAL OCCLUSION WITH DISTAL COLLATERAL SUPPLY THROUGH ATYPICAL ASCENDING PHARYNGEAL ARTERY
Marina Vishnyakova (Moscow, Russian Federation)

MODIFIED METHOD OF EVERSION CAROTID ENDARTERECTOMY IN PATIENTS WITH EXTENSIVE ATHEROSCLEROTIC DISEASE OF CAROTID BIFURCATION: SHORT-TERM RESULTS
Vladislav Panfilov (Moscow, Russian Federation)

SURGICAL TREATMENT OF PATIENTS WITH LESIONS OF THE AORTO-ILIAC SEGMENT USING MINI-LAPARATOMIC ACCESS
Amro Saleh (Moscow, Russian Federation)

FIRST EXPERIENCE OF USING “SWIFT” RADIAL FIBRES FOR ENDOVENOUS LASER ABLATION - A PREMARKETING STUDY
Hovsep Manjikian (Moscow, Russian Federation)

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

GENDER FEATURES OF THE COURSE OF ATHEROSCLEROTIC LESION OF CAROTID ARTERIES
Anastasia Artemova (Saint Petersburg, Russian Federation)

ANTICOAGULANT THERAPY AND CATHETER-DIRECTED THROMBOLYSIS: EFFECT ON THE SEVERITY OF POSTTHROMBOTIC SYNDROME IN THE LONG TERM IN PATIENTS WITH DEEP VEIN THROMBOSIS OF THE LOWER LIMBS
Kirill Fomin (Saint-Petersburg, Russian Federation)

35 YEAR EXPERIENCE PATIENTS’ TREATMENT FOR TAKAYASU ARTERITIS
Vladimir Kulbak (Moscow, Russian Federation)

INFLUENCE OF INTRAOPERATIVE INTRA-ARTERIAL THROMBOLYSIS ON LONG-TERM CLINICAL OUTCOMES IN PATIENTS WITH ACUTE POPLITEAL ARTERY ANEURYSM THROMBOSIS
Petar Zlatanovic (Belgrade, Serbia)

ANALYSIS OF RENAL FUNCTION AFTER PARTIAL OSTIUM COVERAGE WITH SUPRARENAL FIXATION EVAR
Gergana T. Taneva (Madrid, Spain)

COMPARATIVE STUDY BETWEEN DUAL ANTIPLATELET THERAPY AND CONTINUOUS HEPARIN INFUSION DURING THE FIRST 24 HOURS AFTER AN ENDOVASCULAR PROCEDURE IN CRITICAL LIMB ISCHEMIA
Malka Huici Sanchez (Barcelona, Spain)

CARDIOVASCULAR RISK FACTORS ASSOCIATED WITH PERIPHERAL ARTERIAL DISEASE IN A MEDITERRANEAN POPULATION
Gabriela Goncalves Martins (Barcelona, Spain)

DEVICE CONFORMABILITY AFTER THORACIC ENDOVASCULAR AORTIC REPAIR: A SINGLE-CENTRE EXPERIENCE
Carlota Fernandez Prendes (Oviedo, Spain)

PRELIMINARY RESULTS OF THE EVAR 30-D SACVA REGISTRY. THE FIRST AND LARGEST MULTICENTRIC REGISTRY IN SOUTHERN SPAIN OF EVAR FOR ABDOMINAL AORTIC ANEURYSMS
Fernando Gallardo (Marbella, Spain)
ESVS 33rd Annual Meeting Programme

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

CLIMATIC INFLUENCE ON THE RISK OF ABDOMINAL AORTIC ANEURYSM RUPTURE
Gaspar Mestres (Barcelona, Spain)

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

OUTCOMES OF INFRARENAL BYPASS PROCEDURES IN DIABETIC PATIENTS WITH ISCHAEMIC FOOT ULCERS: A SRI LANKAN EXPERIENCE IN LIMB SALVAGE
Buddhima Jayawickrama (Colombo, Sri Lanka)

LIMB SALVAGE IN LOWER EXTREMITY ARTERIAL DISEASE: EXPERIENCE FROM A TERTIARY CENTRE
Vinojan Satchithanantham (Colombo, Sri Lanka)

FEASIBILITY AND CLINICAL OUTCOME OF REBOA IN PATIENTS WITH IMPENDING TRAUMATIC CARDIAC ARREST
David McGreevy (Örebro, Sweden)

USEFULNESS OF 18F-FDG-PET/CT IN THERAPY CONTROL OF INFLAMMATORY AND MYCOTIC ANEURYSMS
Lars Husmann (Zürich, Switzerland)

REAL-TIME ULTRASOUND-GUIDED PUNCTURE OF SUBCLAVIAN VEIN FOR CHEMO-PORT IMPLANTATION
Mingli Li (Taichung, Taiwan, Province of China)

FALSE LUMEN THROMBOSIS AND AORTIC DIAMETER CHANGES IN 6 SEGMENTS OF AORTA FOLLOWING TEVAR PROCEDURE FOR ACUTE COMPLICATED TYPE B AORTIC DISSECTION
Yi-Chun Lin (Taichung, Taiwan, Province of China)

IMPACTS OF DIFFERENT SURGEONS AND VENOUS OUTFLOW ON 3-YEAR PRIMARY AND SECONDARY PATENCY RATE OF FOREARM LOOP ARTERIOVENOUS GRAFTS
Chiao-Hsin Kung (Kaohsiung, Taiwan, Province of China)

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

A LEVEL 1 TRAUMA CENTER EXPERIENCE: IS ENDOVASCULAR REPAIR ALL GOOD FOR BLUNT TRAUMATIC AORTIC INJURY?
Mingli Li (Taichung, Taiwan, Province of China)

SURGICAL TREATMENT OF VERTEBRAL ARTERY STENOSIS: AN OVERLOOKED SURGERY WITH LOW MORBIDITY
Adil Polat (Istanbul, Turkey)

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

CHRONIC POSTURAL ARTERIAL COMPRESSION BY CERVICAL RIB AT THE THORACIC OUTLET: A CASE REPORT
Uğur Bengisun (Ankara, Turkey)
HIBRYD SURGERY IN PATIENTS WITH TYPE-I AORTIC DISSECTION AFTER OPEN CARDIAC SURGERY
Omer Faruk Dogan (Adana, Turkey)

4-YEAR LONG OUTCOME WITH DRUG COATED BALLOONS FOR SFA LESIONS IN PATIENTS WITH CLI: COMPARISON WITH CONVENTIONAL BYPASS SURGERY
Onur Goksel (Istanbul, Turkey)

MIDTERM RESULTS OF DVT TREATMENT: COMPARISON OF MEDICAL AND INTERVENTIONAL MODALITIES
Kamil Boyacıoğlu (İstanbul, Turkey)

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

VACUUM-ASSISTED CLOSURE THERAPY VERSUS ALGINATE FOR SURGICAL SITE INFECTION AFTER VASCULAR SURGERY (SZILAGYI GRADE III)
Taras Vykhtyuk (Lviv, Ukraine)

EARLY VERSUS DEFERRED ENDOVENOUS SUPERFICIAL VENOUS TREATMENT IN PATIENTS WITH VARICOSE TROPHIC ULCERS
Olexandr Voloshyn (Zaporizhzhya, Ukraine)

HYPERPIGMENTATION AFTER SCLEROTHERAPY MANAGEMENT
Olexandr Voloshyn (Zaporizhia, Ukraine)

EXAMINATION OF THE EFFECT OF PERCUTANEOUS MECHANICAL THROMBECTOMY ON ACUTE KIDNEY FUNCTION, FOLLOWING INTERVENTION FOR ACUTE IlioFemoral Deep Venous Thrombosis
Anna Pouncey (London, United Kingdom)

ESVS GUIDELINES FOR EVAR SURVEILLANCE - DOES THE PROTOCOL WORK?
Jonathan Nicholls (Cheltenham, United Kingdom)

PROGNOSTIC REVIEW AND TIME-TO-EVENT DATA META-ANALYSIS OF LOW SKELETAL MUSCLE MASS IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE OF THE LOWER LIMBS UNDERGOING REVASCULARIZATION
Madeleine Sharpe (Manchester, United Kingdom)

EARLY EXPERIENCE WITH 18F-FLUORIDE POSITRON EMISSION TOMOGRAPHY-MAGNETIC RESONANCE IMAGING IN PATIENTS WITH SYMPTOMATIC CAROTID ARTERY STENOSIS UNDERGOING CAROTID ENDARTERECTOMY
Jakub Kaczynski (Edinburgh, United Kingdom)

SELECTIVE CONSERVATISM VS MANDATORY EXPLORATION - LESSONS FROM MANAGING TRAUMATIC VASCULAR INJURIES
Subba Kanchustambam (London, United Kingdom)

MORTALITY AND CONTRALATERAL AMPUTATION RATES FOLLOWING AN INDEX MAJOR LOWER EXTREMITY AMPUTATION
Sara Rahma (Leeds, United Kingdom)

VASCULAR NETWORK TRANSFER AUDIT: EVALUATION OF TRANSFER TIME TO THEATRE FOR DIABETIC PATIENTS REQUIRING EMERGENCY VASCULAR SURGERY IN HUB-ARTERIAL SITE
Shayan Shahidi (Birmingham, United Kingdom)
ESVS 33rd Annual Meeting Programme

EFFICACY OF THE INDIGO PENUMBRA SUCTION THROMBECTOMY SYSTEM IN THE TREATMENT OF ACUTE LOWER LIMB ISCHAEMIA - A SINGLE CENTRE EXPERIENCE
Chris T Francis (Chester, United Kingdom)

ABDOMINAL AORTIC ANEURYSM REPAIR IN RENAL AND LIVER TRANSPLANT RECIPIENTS
Sobath Premaratne (Birmingham, United Kingdom)

UNDERSTANDING THE IMPACT OF FENESTRATED AORTIC REPAIR ON MEDIUM AND LONG-TERM RENAL FUNCTION; A UK TERTIARY CENTRE EXPERIENCE
Sandip Nandhra (Newcastle, United Kingdom)

QUANTIFYING THE EFFECT OF ANEMIA ON MAJOR LOWER LIMB AMPUTATION
Sandip Nandhra (Newcastle, United Kingdom)

THE ROLE OF LOW CORE MUSCLE MASS IN SURVIVAL OF PATIENTS WITH ABDOMINAL AORTIC ANEURYSM: A PROGNOSTIC FACTOR REVIEW AND META-ANALYSIS OF TIME-TO-EVENT DATA
Maciej Juszczak (Birmingham, United Kingdom)

LONG-TERM FOLLOW-UP OF MORTALITY AND LIMB FITTING FOLLOWING MAJOR LOWER LIMB AMPUTATION: A RETROSPECTIVE EVALUATION OF OUTCOMES IN A TERTIARY CENTRE
Helen Suttenwood (Dudley, United Kingdom)

SYSTEMATIC REVIEW AND META-ANALYSIS OF AORTIC GRAFT INFECTIONS FOLLOWING AAA REPAIR.
Pranav Somaiya (Harlow, United Kingdom)

OUTCOMES OF VASCULAR INTERVENTIONS IN NONAGENARIANS AT A TERTIARY INSTITUTION
Ayoni Medagoda (Norwich, United Kingdom)

DYNAMIC RESPONSE OF STENTS IN VASCULAR SYSTEMS: DEVELOPMENT OF AN ADAPTIVE MODEL TO STUDY THE EFFECT OF STENT PLACEMENT ON ANEURYSMAL AND OCCLUSIVE ARTERIAL DISEASE IN VARIOUS ANATOMICAL CONFIGURATION
Michael Wall (Dudley, United Kingdom)

CONTEMPORARY OUTCOMES FOLLOWING INFRA-INGUINAL BYPASS. A RECENT VASCULAR HUB EXPERIENCE
Owain Fisher (Coventry, United Kingdom)

CONTEMPORARY STROKE RISKS OF PATIENTS WITH ASYMPTOMATIC CAROTID STENOSIS: DESIGN AND CHARACTERISTICS OF A LARGE PROSPECTIVE COHORT STUDY
Michiel Poorthuis (Oxford, United Kingdom)

BEST MEDICAL THERAPY ADVICE IN THE VASCULAR SURGERY CLINIC: A SERVICE EVALUATION PROJECT
Florence Kashora (Leicester, United Kingdom)

CAROTID BYPASS WITH GORE HYBRID VASCULAR GRAFT AS A RESCUE TECHNIQUE FOR ON-TABLE FAILED CAROTID ENDARTERECTOMY: A FIVE YEARS FOLLOW-UP
Domenico Valenti (London, United Kingdom)

A PROTOCOL DEVELOPMENT STUDY INVESTIGATING THE USE OF HOUNSFIELD UNITS FROM CT ANGIOGRAMS IN PATIENTS PRESENTING WITH CRITICAL LIMB ISCHAEMIA
Emma Scott (Newcastle, United Kingdom)

AN ANALYSIS OF DEFORMATION - STIFFNESS CHARACTERISTICS OF GUIDEWIRES USED AT FENESTRATED ENDOVASCULAR REPAIR (FEVAR)
Arindam Chaudhuri (Bedford, United Kingdom)
ESVS 33rd Annual Meeting Programme

DOES SOCIAL MEDIA HAVE AN IMPACT FACTOR?
Kersten Morgan-Bates (Bedford, United Kingdom)

AN ANALYSIS OF FACTORS THAT PREDICT OUTCOMES FOLLOWING SURGICAL LOWER LIMB REVASCULARISATION
Asanish Kalyanasundaram (Cambridge, United Kingdom)

15-YEAR AGE-STRATIFIED OUTCOMES AFTER ENDOVASCULAR AND OPEN ABDOMINAL AORTIC ANEURYSM REPAIR
Rens R.B. Varkevisser (Boston, United States)

ENDOVASCULAR REPAIR FOR INTACT ABDOMINAL AORTIC ANEURYSMS IS ASSOCIATED WITH LOWER TOTAL HOSPITAL CHARGES COMPARED TO OPEN REPAIR AND DIFFERENCES ARE INCREASING OVER TIME
Rens R.B. Varkevisser (Boston, United States)

PREVAILING INFLUENZA ACTIVITY AND ACUTE AORTIC DISSECTION SEASONALITY
Harleen Sandhu (Houston, United States)

IMPORTANT DIFFERENCES OF LONGITUDINAL AND CIRCUMFERENTIAL MOVEMENTS IN Z0 OF THE AORTA DURING THE CARDIAC CYCLE
Viony M. Belvroy (Houston, United States)

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

FENESTRATED ENDOVASCULAR REPAIR WITH LARGE DEVICE DIAMETERS (34- TO 36-MM) IS ASSOCIATED WITH INCREASED RATES OF TYPE 1 AND 3 ENDOLEAK AND REINTERVENTION
Celine Deslarzes-Dubuis (Stanford, United States)

PREDICTING AORTIC REMODELING AFTER THORACIC ENDOVASCULAR AORTIC REPAIR FOR STANFORD TYPE B AORTIC DISSECTION USING AORTIC WALL THICKNESS RATIOS
Jesus Vasquez (New York, United States)

COLOR-CODED QUANTITATIVE DIGITAL SUBTRACTION ANGIOGRAPHY FOR SHORT-TERM EFFECTIVENESS EVALUATION OF CAROTID ARTERY STENTING AND PREDICTIVE EVALUATION FOR CEREBRAL HYPER-PERFUSION SYNDROME AFTER CAROTID ARTERY STENTING
Rong Zeng (Beijing, China)

OFF PUMP BANDING WITH OR WITHOUT STENTING OF THE ASCENDING AORTA FOR STANFORD TYPE A ACUTE AORTIC DISSECTION
Dominique Fabre (Le Plessis Robinson, France)

EARLY AND LONG-TERM IMPACT OF POSTOPERATIVE CEREBROVASCULAR COMPLICATIONS AFTER CAROTID ENDARTERECTOMY
Andrea Vacirca (Bologna, Italy)

Lunch Break
13:00 - 14:00
Hall 4, Exhibition + Poster Area
ESVS 33rd Annual Meeting Programme

Endovascular Track
13:30 - 15:45
Hall 3, Room 1

W49, Endovascular Toolkit in PAD (advanced)

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

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

Endovascular Track
13:45 - 15:45
Hall 3, Room 2

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

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

Lead convenor: Frederico Bastos Gonçalves (Portugal)
Co-convenor: Jean Paul de Vries (Netherlands)
Co-convenor: Zoran Rancic (Switzerland)
Co-convenor: Konstantinos Donas (Germany)
Co-convenor: Colin Bicknell (United Kingdom)

Endovascular Track
13:45 - 15:45
Hall 3, Room 3

W51, Interactive Case Discussions on Challenging anatomy in EVAR

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

Lead convenor: Bijan Moderai (United Kingdom)
Co-convenor: Anna Prent (United Kingdom)
Co-convenor: Adrien Hertault (France)
HR Track
13:45 - 15:45

W52, How to Promote Yourself in an Application??

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

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

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

Who we are...

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

<ol>
  <li>1. Career Navigator: Follow your inner compass <ol>
      <li>a. Career design and action planning</li>
      <li>b. Career development options</li>
      <li>c. The search before the search</li>
      <li>d. The decision making process</li>
    </ol></li>
  <li>2. Résumé Design: How to create a compelling CV <ol>
      <li>a. Buying motivators</li>
      <li>b. Types of résumés</li>
      <li>c. Design and categories</li>
      <li>d. Tips and hints</li>
    </ol></li>
  <li>3. Elevator Pitch: How to convince in 60 seconds <ol>
      <li>a. Definition and purpose</li>
      <li>b. Design (AIDA and The Journalist’s Way)</li>
      <li>c. Tips and hints</li>
    </ol></li>
  <li>4. How to „sell” yourself <ol>
      <li>a. Purpose of the job interview (employer – employee)</li>
      <li>b. Looking at yourself as a „product”</li>
    </ol></li>
  <li>5. The „real” life: Ways to find the (new) position <ol>
      <li>a. Preparation</li>
    </ol></li>
</ol>
ESVS 33rd Annual Meeting Programme

Academic Track
13:45 - 15:45
Hall 3, Room 5

W53, Statistics for Clinical Research (Suggested if you plan to take the FEBVS exam)
The workshop will provide an overview of the most commonly used statistical methods in clinical studies such as randomized controlled trials and cohort studies and will cover the application of these methods in the freely available R statistical environment.

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

Honorary Lectures
14:00 - 14:30
Hall 4, Room 1

HL2, Nicolai Volodos Honorary Lecture

Invited Speaker: Krassi Ivancev (Hamburg, Germany)

Nurses & Sonographers
14:00 - 16:00
Hall 4, Room 3

EVNS08, ESVS/ EVNS Joint Session: Diabetes Foot Ulcer

Chair: Mari Murumets (United Kingdom)

Information about the ESVS Guideline for diabetic foot ulcers 14:00 - 14:15
Patients narrative story 14:15 - 14:35
Vascular surgeon perspective 14:35 - 14:55
Holger Diener (Germany)
Diabetes nurse specialist perspective 14:55 - 15:15
Magdalena Gershater (Sweden)
Podiatrist perspective 15:15 - 15:35
Paul Chadwick (United Kingdom)
Sonographer perspective 15:35 - 15:55
Fabrizio D'Abate (United Kingdom)
ESVS 33rd Annual Meeting Programme

Open Procedures Track
14:00 - 16:00
Hall 3, Room 6

W54, Open Advanced AV Fistula

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

Co-convenor: Ulf Hedin (Sweden)
Co-convenor: Francesca Fratesi (United Kingdom)
Co-convenor: Mirko Menegolo (Italy)
Co-convenor: Johnny Baumann Olsen (Denmark)
Co-convenor: Joy Roy (Sweden)

Venous Track
14:00 - 16:00
Hall 3, Room 7

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

During this 2-hour workshop, participants will discuss with the conveners about the various factors influencing the outcomes of a deep venous stenting procedure. Aspects such as decision-making and planning, intra-operative imaging, stent-technologies and the procedural steps will be looked at. Interactive presentations, discussions and hands-on-parts will allow to gain good insight into the best practice for stenting in the deep venous system.

Lead convenor: Stephen Black (United Kingdom)
Co-convenor: Marta Ramirez Ortega (Spain)
Co-convenor: Mert Dumantepe (Turkey)
ESVS-Certification of Competences in Vascular Ultrasound (CCVUS)-Basic Level

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

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

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

- Be in possession of an active certification or license in a health-related field (physician, nurse or technician).
- Present a statement signed by the Director of the Vascular Lab or Head of Department of Vascular Surgery or Radiology stating that you have performed more than 100 supervised exams equally distributed among carotid arteries, venous and arterial lower extremity and aorta.
- Having performed the minimum number of examinations does not guarantee passing the exam.

Note: We kindly request the applicants for the ESVS-Certification of Competences in Vascular Ultrasound (CCVUS) to send all the required documentation to info@esvs.org.

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

It will consist of two parts:

- First, a written exam that will consist of 50 multiple-choice questions with one correct answer per five provided responses (60 minutes). (See appendix for a complete description of the curriculum.) Minimum pass mark 70%.
- Second, during a practical exam, candidates will have to demonstrate their practical skills when performing two to three vascular ultrasound examinations that will be evaluated by examiners according to a standardized evaluation form (app 10-15 minutes).

Examination Fee: 100€ (+VAT)

Maximum number of candidates: 24

Examiners:
- Ramon Vila (Spain)
- Jonas Eiberg (Denmark)
- Filipe Fernandes (United Kingdom)
- Steven Rogers (United Kingdom)
- José Ignacio Leal (Spain)
- Martin Lawaetz (Denmark)
- Lise Westerlin (Denmark)
ESVS 33rd Annual Meeting Programme

Symposia
14:30 - 16:30  Hall 4, Room 1


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

Philippe Kolh (Belgium)
14:30 - 14:40

Definitions, target population and diagnosis
Andrew Bradbury (United Kingdom)
14:40 - 14:55

Global Anatomy Staging System (GLASS) for CLTI
Joseph Mills (United States)
14:55 - 15:10

Examples - discussion
John White (United States)
15:10 - 15:30

ESVS Guidelines on VGI: Introduction and scope
Nabil Chakfé (France)
15:30 - 15:35

Diagnosis
Ben Saleem (Netherlands)
15:35 - 15:45

Thoraco-abdominal and supra-aortic trunks infections
Frank Vermassen (Belgium)
15:45 - 15:57

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

Patient perspectives and unsolved questions
Holger Diener (Germany)
16:10 - 16:20

Panel discussion
16:20 - 16:30

Scientific Sessions
14:30 - 16:00  Hall 4, Room 2

SS05, SCIENTIFIC SESSION 05 - Venous Diseases

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

Chair: Enric Roche (Spain)
Invited Speaker: Stavros Kakkos (Patras, Greece)
Coffee Break
16:00 - 16:30
Hall 4, Exhibition + Poster Area

Nurses & Sonographers
16:15 - 17:00
Hall 4, Room 3

**EVNS09, Surgical Site Infections**
Chair: Margit Roed (Denmark)
Chair: Christine Kumlien (Sweden)

- **Prevention of surgical site infections-Experiences from Sweden** 16:15 - 16:35
  Christina Monsen (Sweden)
- **Surgical site infections** 16:35 - 16:55
  Katrin Baade (Germany)
- **Concluding remarks** 16:55 - 17:00

Endovascular Track
16:15 - 18:15
Hall 3, Room 1

**W56, Endovascular Treatment BTK Step by Step**
This 2-hour workshop will focus on the management of below-the-knee atherosclerotic disease. A step by step approach will be used including importance of imaging, toolkit knowledge (guidewires, support catheters) and planning before discussing the treatment itself. Access options (antegrade or up and over) including bail out strategies (pedal, collateral, plantar loop) will be presented. The value of single or multiple vessel approach, subintimal or luminal approach and vessel dilatation techniques will be discussed.
This course is based on case discussions but various hands-on opportunities will be integrated.

- Lead convenor: Mariano Palena (Italy)
- Co-convenor: Nuno Dias (Sweden)
- Co-convenor: Ashish Patel (United Kingdom)

Endovascular Track
16:15 - 18:15
Hall 3, Room 2

**W57, Endovascular Closure Devices**
A Romp through contemporary practice using vascular closure devices for small and large vessel closure. Hands on training supervised by our expert faculty with FOUR stations focused on all the mainstream manufacturers.

- Lead convenor: Simon Neequaye (United Kingdom)
- Co-convenor: Javier Peinado Cebrián (Spain)
- Co-convenor: Fernando Gallardo (Spain)
- Co-convenor: Gioele Simonte (Italy)
- Co-convenor: Natalia Moradillo (Spain)
ESVS 33rd Annual Meeting Programme

Endovascular Track
16:15 - 18:15  
W58, Interactive Case Discussions on Surveillance post-EVAR

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

Lead convenor: Frederico Bastos Gonçalves (Portugal)
Lead convenor: Hence Verhagen (Netherlands)
Co-convenor: Andrea Kahlberg (Italy)
Co-convenor: Tina Cohnert (Austria)
Co-convenor: Elena Iborra (Spain)

Vascular Medicine Track
16:15 - 17:45  
W59, Interactive Case Discussions on Cardiovascular Disease Risk Assessment and Prevention

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

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

Academic Track
16:15 - 18:15  
W60, How to Write a Paper from Scratch

Lead convenor: Louis Fliglestone (United Kingdom)
Co-convenor: Mahim Qureshi (United Kingdom)
HR Track
16:15 - 18:15

Movenpick Hotel

W63, Speed date the experts: Career planning for vascular surgeons
Meet your “date” in the hotel bar and ask important questions concerning your further career steps and plans. Have one to ones with handpicked experts in the field of vascular surgery that share tips and tricks to be or become a successful vascular surgeon no matter what pathway you will choose or might have chosen.
This workshop will give you the possibility of private and confidential talks.

Lead convenor: Claudia Schrimpf (Germany)
Co-convenor: Janet Powell (London, United Kingdom)
Co-convenor: Dittmar Böckler (Germany)
Co-convenor: Stephen Black (United Kingdom)

Symposia
16:30 - 18:30

Hall 4, Room 2

S12, Hybrid Rooms/ Hybrid Procedures in Vascular Surgery

Chair: Stephan Haulon (France)
Chair: Maarit Venermo (Helsinki, Finland)

How to plan a functioning hybrid suite, 20 years of lessons learned
Adrien Hertault (France) 16:30 - 16:45

Presentation 1: What is the best we can offer for a vascular hybrid room?
16:45 - 16:52

Presentation 2: What is the best we can offer for a vascular hybrid room?
16:52 - 16:59

Presentation 3: What is the best we can offer for a vascular hybrid room?
16:59 - 17:06

Presentation 4: What is the best we can offer for a vascular hybrid room?
17:06 - 17:13

Radiation safety in the hybrid theatre
Pekka Aho (Finland) 17:13 - 17:28

Hybrid for supra-aortic problems
Zoran Rancic (Switzerland) 17:28 - 17:43

Hybrid procedures for acute mesenterial ischemia
Anders Wanhainen (Sweden) 17:43 - 17:58

Aorto-iliac hybrid procedures/CERAB
Pekka Aho (Finland) 17:58 - 18:13

The role of hybrid theatre in trauma management
Tal M. Hörer (Sweden) 18:13 - 18:28
ESVS 33rd Annual Meeting Programme

Open Procedures Track
16:30 - 18:30  
Hall 3, Room 6

**W61, Open Advanced AAA Repair**

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

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

Miscellaneous Track
16:30 - 18:30  
Hall 3, Room 7

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

1. Short presentation of MiraQ and TTFM & Imaging technology  
2. Case studies demonstrating clinical benefits in AV-Access, CEA and distal bypass surgery.  
3. Hands-on training with workstations (swap team:  
   Station 1: TTFM with a flow simulator. Flow measurement with simulation of stenosis, etc., probe fit and how this can influence the result. Learn about the different parameters, PI, mean flow, ACI.  
   Station 2: Imaging. Will image small vessels in hand, choose correct setting, etc.

:  
Lead convenor: Anders Albäck (Finland)  
Co-convenor: Pirkka Vikatmaa (Finland)  
Co-convenor: Alexander Meyer (Germany)
Friday, 27. September 2019

Symposia
08:00 - 09:00
Hall 4, Room 1

S13, ESVS/EVF Joint Session - Acute Vein Thrombosis Guidelines

Chair: Stavros Kakkos (Patras, Greece)
Chair: Athanasios Giannoukas (Greece)
Chair: Manj Gohel (United Kingdom)

- Background and introduction to guidelines
  08:00 - 08:05
- Treatment of provoked & unprovoked DVT with anticoagulation
  Rupert Bauersachs (Germany)
  08:05 - 08:13
- IVC filters and early thrombus removal/stenting for iliofemoral DVT
  Stephen Black (United Kingdom)
  08:13 - 08:21
- Compression therapy for DVT
  08:21 - 08:29
- Calf vein thrombosis & superficial vein thrombosis
  Stavros Kakkos (Patras, Greece)
  08:29 - 08:37
- Upper extremity DVT
  Manj Gohel (United Kingdom)
  08:37 - 08:42
- Thrombophilia testing and DVT in patients with thrombophilia
  08:42 - 08:50
- Discussion
  08:50 - 09:00

Symposia
08:00 - 10:00
Hall 4, Room 2

S14, Interactive Session with Cases

Chair: Maarit Venermo (Helsinki, Finland)

- ENDOVASCULAR REPAIR OF A COMPLICATED ACUTE TYPE B AORTIC DISSECTION USING A COMBINATION OF THE STABILISE AND CERAB TECHNIQUES
  Ryan Melo (Lisbon, Portugal)
  08:00 - 08:12
- STAGED PHARMACOLOGICAL AND SURGICAL TREATMENT OF PULMONARY EMBOLISM AND PARADOXICAL EMBOLISM IN PATIENT WITH ACUTE DEEP VEIN THROMBOSIS OF THE LOWER EXTREMITY
  Aleksei Kebriakov (St. Petersburg, Russian Federation)
  08:12 - 08:24
- RESULTS OF PROVIDING ANGIOSURGICAL CARE OF LOWER EXTREMITY GREAT VASCULAR INJURIES IN CONDITIONS OF WAR IN THE EAST OF UKRAINE
  Yulian Krul (Kyiv, Ukraine)
  08:24 - 08:36
33rd ESVS Annual Meeting,
24 - 27 September 2019,
Hamburg, Germany

ESVS 33rd Annual Meeting Programme

RETROPHARYNGEAL TRANSPOSITION OF THE LEFT COMMON CAROTID ARTERY INTO THE RIGHT COMMON CAROTID ARTERY FOR THE PURPOSE OF HYBRID REPAIR OF THE RUPTURED AORTIC ARCH ANEURYSM AND SYMPTOMATIC DISSECTION
Maciej Zielinski (Poznan, Poland)

INFRA-RENAL AORTIC ANEURYSM WITH A SEVERELY ANGULATED NECK TREATED WITH A THORACIC ENDOGRAFT AND STANDARD EVAR DEVICE
Luís Gamas (Porto, Portugal)

FLOATING THORACIC AND ABDOMINAL AORTIC THROMBUS: ENDOVASCULAR SOLUTIONS TO UNEXPECTED FINDINGS. A MINIMAL INVASIVE TREATMENT WITH A HIGH PRIMARY SUCCESS
Elena García Rivera (Valladolid, Spain)

COVERED STENT GRAFT FOR RELINING OF OCCLUDED FEMORO-POPLITEAL BYPASS
Anna M.J. van Nistelrooij (Delft, Netherlands)

LEIOMYOSARCOMA OF THE VENA CAVA. A CASE REPORT OF RESECTION OF THE INFRAARENAL CAVA WITH AUTO-TRANSPLANTATION OF BOTH KIDNEYS
Gemma Mckevitt (belfast, United Kingdom)

TEVAR FOR A SYMPTOMATIC PERFORATING ULCER IN THE AORTIC ARCH: WHAT IF THREE-OUT-OF-FOUR MAIN SIDE BRANCHES ARE ANATOMICAL ANOMALIES? A CASE REPORT
Laure Arts (Brussels, Belgium)

Scientific Sessions
08:00 - 10:00
Hall 4, Room 3

SS06, SCIENTIFIC SESSION 06 - TAA/ Vascular Imaging

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

Chair: Michael Jacobs (Netherlands)
Chair: Eric Verhoeven (Nürnberg, Germany)
Chair: Matt Eagleton (United States)
Invited Speaker: Stephan Haulon (France)

EVST Sessions
08:00 - 10:00
Hall 3, Room 1

EVST 01, EVST SESSION 01 Case Reports

SINGLE-STAGE TOTAL ENDOVASCULAR THERAPY FOR AN ABERRANT RIGHT SUBCLAVIAN ARTERY ANEURYSM
Satoshi Nishi (Tsukuba, Japan)
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:07</td>
<td>EMBOLISATION OF BILATERAL INTERNAL ILIAC ANEURYSM THROUGH A PERCUTANEOUS ULTRASOUND GUIDED ANTERIOR APPROACH IN A PATIENT PREVIOUSLY TREATED BY PROXIMAL ANEURYSM LIGATION</td>
<td>Flavia Gentile (Luxembourg, Luxembourg)</td>
<td>Hamburg, Germany</td>
</tr>
<tr>
<td>08:14</td>
<td>EVALUATION OF THE EFFECT OF HYPERBARIC OXYGEN THERAPY ON TISSUE PERFUSION IN PATIENTS WITH DELAYED SEVERE FROSTBITE BY MR PERFUSION IMAGING; CASE REPORT</td>
<td>Hakan Çomaklı (Konya, Turkey)</td>
<td>Hamburg, Germany</td>
</tr>
<tr>
<td>08:21</td>
<td>FULLY ROBOTIC RETROPERITONEAL LYMPH NODE DISSECTION- A FUSION OF TECHNOLOGIES</td>
<td>Jasamine Coles-Black (Heidelberg, Australia)</td>
<td>Hamburg, Germany</td>
</tr>
<tr>
<td>08:28</td>
<td>FIRST EXPERIENCES IN THE USE OF NO-REACT® BIOINTEGRAL GRAFT AND NO-REACT® BIOINTEGRAL SURGICAL PATCH IN PTFE PROSTHESIS INFECTION AFTER ARTERIAL RECONSTRUCTION</td>
<td>Peter Metzger (St. Johann in Tirol, Austria)</td>
<td>Hamburg, Germany</td>
</tr>
<tr>
<td>08:35</td>
<td>COMPLEX ENDOVASCULAR AORTIC REPAIR WITH A BRANCH FOR A INTERCOSTAL ARTERY IN MARFAN DISEASE</td>
<td>Ahmed Eleshra (Hamburg, Germany)</td>
<td>Hamburg, Germany</td>
</tr>
<tr>
<td>08:42</td>
<td>TOTAL ENDOVASCULAR MANAGEMENT OF A SYMPTOMATIC POST-DISSECTION THORACOABDOMINAL ANEURYSM WITH THE NEW PHYSICIAN MODIFIED FENESTRATED THORACIC ENDOGRAFT</td>
<td>Flavia Spalla (Turin, Italy)</td>
<td>Turin, Italy</td>
</tr>
<tr>
<td>08:49</td>
<td>SUPERFICIAL VENOUS THROMBOSIS ASSOCIATED WITH EMERGENCY CONTRACEPTIVE PILL USAGE (LEVONORGESTREL) - CASE REPORT AND REVIEW OF LITERATURE</td>
<td>Sahitya Bammidi (Hyderabad, India)</td>
<td>Hyderabad, India</td>
</tr>
<tr>
<td>08:56</td>
<td>RETROPERITONEAL FIBROSIS SECONDARY TO THE PLACEMENT OF AORTO-ILIAC STENTS</td>
<td>Daniel Mendes (Porto, Portugal)</td>
<td>Porto, Portugal</td>
</tr>
<tr>
<td>09:03</td>
<td>POTENTIAL APPLICATION OF DIFFUSION - WEIGHTED WHOLE BODY IMAGING WITH BACKGROUND BODY SIGNAL SUPPRESSION FOR DISEASE ACTIVITY ASSESSMENT IN TAKAYASU ARTERITIS - IN SEARCH OF “GOLDEN MEAN”</td>
<td>Viktoriya Tsay (Tashkent, Uzbekistan)</td>
<td>Tashkent, Uzbekistan</td>
</tr>
<tr>
<td>09:10</td>
<td>AORTIC DISSECTION AFTER FEVAR</td>
<td>Alberto Varriale (Milano, Italy)</td>
<td>Milano, Italy</td>
</tr>
<tr>
<td>09:17</td>
<td>CLINICAL CASE OF SUCCESSFUL ENDOVASCULAR TREATMENT OF OBSTRUCTIVE POST-THROMBOTIC SYNDROME IN THE LOWER EXTREMITY WITH PLAIN BALLOON ANGIOPLASTY AS A STANDALONE METHOD</td>
<td>Aleksei Kebrjakov (St. Petersburg, Russian Federation)</td>
<td>St. Petersburg, Russian Federation</td>
</tr>
</tbody>
</table>
ESVS 33rd Annual Meeting Programme

Symposia
09:00 - 10:00

S15, Drugs in PAD

Chair: Sebastian Debus (Germany)
Chair: Sonia Anand (Canada)

The effectiveness of antithrombotic treatment for PAD - what is the evidence?
William Hiatt (United States)
09:00 - 09:15

Long-Term Survival following Paclitaxel-coated devices in PAD - Analysis of German Health Insurance Claims
Christian-Alexander Behrendt (Hamburg, Germany)
09:15 - 09:27

The Benefit of Rivaroxaban vascular dose to avoid and improve outcome after MALE - A subgroup analysis from COMPASS trial
Sonia Anand (Canada)
09:27 - 09:39

Therapeutic Angiogenesis in PAD Treatment: how can we improve clinical evidence?
Lars Norgren (Sweden)
09:39 - 09:49

Perioperative Management of Clopidogrel at the time of vascular surgery
David H Stone (United States)
09:49 - 09:59

Coffee Break
10:00 - 10:30

S16, Dissection: Update on Aortic Dissection

Chair: Igor Koncar (Serbia)
Chair: Tilo Kolbel (Germany)

Current recommendations on treatment of Type B aortic dissection
10:30 - 10:40

Acute aortic dissection: diagnosis, monitoring and conservative management
10:40 - 10:50

Acute aortic dissection: Which patient should be treated by TEVAR and how?
Bijan Moderai (United Kingdom)
10:50 - 11:00

Acute aortic dissection: the role of STABILISE
Germano Melissano (Italy)
11:00 - 11:10

Chronic aortic dissection: the role of open surgery
Beate Lindberg (Norway)
11:10 - 11:20
ESVS 33rd Annual Meeting Programme

Chronic aortic dissection: the role of branched and fenestrated EVAR 11:20 - 11:30
Eric Verhoeven (Germany)

Chronic aortic dissection: the role of false lumen occlusion techniques 11:30 - 11:40

Aortic dissection in patients with genetic aortic syndromes 11:40 - 11:50

Aortic dissection in pregnancy 11:50 - 12:00

Pannell Discussion 12:00 - 12:30

Symposia
10:30 - 12:30
Hall 4, Room 2

S17, Are we fit for surgery?

Chair: Pirkka Vikatmaa (Finland)
Chair: Samuel Money (United States)
Chair: Alison Halliday (United Kingdom)

Burnout, what is it and how prevalent is it among vascular surgeons? 10:30 - 10:36
Ronald Dalman (United States)

General ESVS questionnaire results 10:36 - 10:42
Pirkka Vikatmaa (Finland)

Do the North American and European results differ? 10:42 - 10:48
Matt Eagleton (United States)

Does gender have an impact-SVS vs ESVS results? 10:48 - 10:54
Cristina Lopez Espada (Spain)

Q/A including electronic questions to the audience 10:54 - 11:09
Samuel Money (United States)

The physical impact of vascular surgery 11:09 - 11:15

How to attract women to vascular surgery and get them to stay in and apply for leading positions 11:15 - 11:21
Rebecca Hultgren (Sweden)

Henrik Sillesen (Denmark)

Philippe Kolh (Belgium)

Summary and techniques - how to improve physician wellness? a) What can the surgeon do to improve wellness? 11:33 - 11:39
Ellen Dillavou (United States)

Summary and techniques - how to improve physician wellness! b)What can society/government/the hospital do to improve wellness? 11:39 - 11:45
Alison Halliday (United Kingdom)
ESVS 33rd Annual Meeting Programme

Discussion 11:45 - 12:00

Scientific Sessions
10:30 - 12:30
Hall 4, Room 3

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

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

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

EVST Sessions 10:30 - 12:00
Hall 3, Room 1

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

Chair: Bahaa Arefai (Spain)
Chair: Sarah Lesche (Dunedin, New Zealand)

- Popliteal Aneurysm - A thin line between suitable treatment and getting sued
  Sebastian Zerwes (Augsburg, Germany) 10:30 - 10:50

- Vascular access and other challenges in treating a teenager
  Helen Rooney (New Zealand) 10:50 - 11:10

- Dissection dilemmas and connective tissue disorders: Type b or not type b that is a dissection
  Tom Aherne (Ireland) 11:10 - 11:30

- Vascular injury of the upper extremity with full disconnection of the neurovascular bundle: a race against the clock
  Elena Domuschieva (Bulgaria) 11:30 - 11:50

General Session 12:30 - 13:00
Hall 4, Room 1

GS5, Closing Ceremony