

04 – 05 Dec 2025 Munich, Germany

14TH MUNICH VASCULAR CONFERENCE 2025

// where doctors meet science

Scientific Director: Univ.-Prof. Dr. Dr. med. Daniela Branzan, Munich

Scientific Program

Thursday, 4 December 2025

08:00–08:30 | Registration and Welcome Coffee

08:30–10:00 – Peripheral Artery Disease in 2025: Precision Interventions for Better Outcomes

- STRIDE into the Future: GLP-1 Receptor Agonist in PAD Care
- Can Artificial Intelligence Optimize Best Medical Therapy in Lower-Extremity PAD?
- Exploring PAD Pathophysiology Through Biobank Insights
- Drug-Eluting Devices in Lower-Limb Peripheral Arterial Disease
- State-of-the-Art Lesion Preparation in Femoropopliteal Disease: A Case-Based Systematic Approach
- Stent-Avoiding Versus Stent-Preferred Strategies in Complex Femoropopliteal Lesions
- Drug-Eluting Stents Versus Bypass Surgery for Femoropopliteal Lesions
- Hybrid Solutions for Advanced Peripheral Artery Disease
- Long-Term Outcomes of Open Surgical Repair for Complex Aortoiliac Occlusive Disease in the Endovascular Era

10:00–10:30 | Coffee Break

10:30–12:00 – Chronic Limb-Threatening Ischemia: Multidisciplinary Strategies from Bench to Bedside

- Towards a Coordinated Global Effort: Improving Awareness, Access, and Survival in Chronic Limb-Threatening Ischemia
- Patient-based Approach in Chronic Limb-Threatening Ischemia: Expedite Revascularization versus Palliation
- Revascularization Strategies and Clinical Outcomes in BEST-CLI: Clinical Failure, Hemodynamic Failure, and CLTI Symptoms
- Using Data to Determine Your Treatment Algorithm for Revascularization of Complex BTK Lesions
- Intravascular Lithotripsy for Treatment of Calcified Popliteal and Infrapopliteal Lesions
- Below-the-Knee Scaffolds in CLTI: Current Status and Future Directions
- Retrievable scaffold therapy before paclitaxel drug-coated balloon angioplasty in infrapopliteal arteries
- Below-the-Ankle Revascularization in Challenging Cases of Chronic Limb-Threatening Ischemia
- Analysis of Dorsalis Pedis Bypass in the Endovascular Era

12:00–13:00 | Lunch Break

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13:00–14:00 – ‘No-Option’ Limb Ischemia: Innovative Therapies for the Most Challenging Cases

- Anatomic Profile of Arterial Occlusive Disease in the BEST-CLI Trial
- The Natural Progression of No-Option Chronic Limb-Threatening Ischemia Patients
- Transcatheter Arterialization of the Deep Veins: An Emerging Modality Worth Pursuing
- What to Do with No-Option CLTI Patients: Deep Vein Arterialization? But the Most Important Part Comes After the Procedure!
- Comparison of Transcatheter Arterialization of Deep Veins to Standard of Care in Patients with No-Option Chronic Limb-Threatening Ischemia
- Very Distal Vein Bypass in Patients with ‘No-Option’ Limb Ischemia

14:00–15:00 – Acute Limb Ischemia: Evolving Surgical and Endovascular Paradigms

- Nationwide Experience with Acute Aortic Occlusion: Temporal Trends and Outcomes from 2009–2020
- Expanding the Role of Rotarex Mechanical Thrombectomy in Acute Limb Ischemia
- Clinical Experience with Computer-Assisted Vacuum Technology
- Defining the Best Strategy: Comparative Outcomes of Open, Hybrid, and Endovascular Revascularization in ALI
- The FOCUS Study: Endovascular Versus Open Bypass for ALI After Occluded Femoropopliteal Stents
- Patient Profiles Matter: Insights from a Prospective Multicentre Study on Acute Lower Limb Ischemia

15:00–15:30 | Coffee Break

15:30–17:30 – Carotid Artery Disease: Imaging, Intervention, and Individualized Risk

- Perspective on Optimized Treatment in Patients with Asymptomatic Carotid Artery Stenosis
- The Relevance of 10-Year ACST-2 Results Today
- Risk Models for the Detection of Severe Asymptomatic Carotid Stenosis and the Prediction of Future Strokes and Cardiovascular Events
- Carotid Revascularization in an Outpatient Setting: Risks and Benefits
- ECST-2 Results and Their Impact on Decision-Making in Symptomatic ICA Stenosis
- State-of-the-Art Cerebral Imaging in the Acute Phase of Ischemic Stroke
- Carotid Artery Stenting: Is Success Driven by Access or Stent Design?
- Roadsaver and C-Guard: Game Changers in Carotid Artery Stenting
- Spatially Resolved Proteomic Signatures of Atherosclerotic Carotid Artery Disease

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- Carotid Plaque Characterization: Current Status in Clinical Practice
- Carotid Artery Dissection: Diagnosis and Management
- Critical Issues in Carotid Artery Disease: Open Questions for Guidelines

19:00–24:00 | Get Together

Parallel Sessions – Lecture Hall B (Thursday)**10:30–11:00 – Digital Vascular Medicine: From Wearables to Workflow**

- Digital Medicine Approaches in Vascular Medicine
- Improving Transparency and Quality: Standards for Vascular Surgical Research Reporting
- Wearable Technology in Vascular Surgery: Current Applications and Future Perspectives
- Implementing Wearable Sensors for Clinical Application at a Surgical Ward
- Prognostic Model for Survival of Patients With Abdominal Aortic Aneurysms Treated by Endovascular Aneurysm Repair
- Wearable Activity Monitors in Home Based Exercise Therapy for Patients with Intermittent Claudication
- Applications of Head-Mounted Displays and Smart Glasses in Vascular Surgery
- Imaging Analysis for Predicting Outcomes After Endovascular Aortic Aneurysm Repair
- Aortic Digital Twins in the Evaluation of Vascular Stentgraft Performance
- Machine Learning Web Application for Predicting Varicose Veins Utilizing Global Prevalence Data

12:00–13:00 | Lunch Break

13:00–15:00 – Advanced Imaging & AI in Vascular Medicine

- Fully Automatic Volume Segmentation Using Deep Learning Approaches to Assess the Aorta and Visceral Vasculature
- Computational Prediction of Aortic Stentgrafts in the Infrarenal Aortic Neck
- Statistical Shape Modeling and 3D Geometric Analysis of the Infrarenal Neck to Predict Post-EVAR Seal
- Ex Vivo Modelling of Cardiovascular Disease
- Robotic Vascular Surgery: Could Robotics Be the Key to the Specialty's Next Great Revolution?
- First in Men Use of Robotic System to Perform Peripheral Interventions
- Impact of Navigation Assistance on Endovascular Interventions for Lower Extremity and Iliac Arteries

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- Non-Invasive Optoacoustic Imaging Biomarker for Detection of Patients with Intermittent Claudication
- Multiscale Optoacoustic Assessment of Skin Microvascular Reactivity in Carotid Artery Disease
- The Benefits of Mixed-Reality Assisted Techniques in Vascular Medicine
- Intelligent Virtual Sonographer (IVS): Enhancing Communication Between Physicians, Robots, and Patients
- The VASCUL-AID Platform: Using Multi-Model AI Prediction Models to Predict Cardiovascular Disease Progression

15:00–15:30 | Coffee Break

15:30–17:30 – Venous Disease in 2025: Debates, Dilemmas, and New Directions

- Implementation of Venous Inflow Classification for Deep Venous Obstruction in Daily Practice
 - Venous Stent Systems for Nonmalignant Iliofemoral Occlusive Disease: Current Evidence and Practice
 - Managing In-Stent Thrombus and Stenosis: Debulking Strategies for Long-Term Stent Maintenance
 - Techniques to Ensure Precise Venous Stent Placement and Overcoming Procedural Challenges
 - Possibilities and Challenges with Ultrasound Artificial Intelligence in Acute DVT Diagnosis
 - Optimal Algorithm for Acute DVT Assessment and Early Thrombus Removal
 - Treating and Managing Pulmonary Embolism: Contemporary Interventional Approaches
 - Novel Anticoagulation and Pharmacomechanical Strategies in Venous Thromboembolism
 - Evidence-Based Approaches to Optimize Treatment Pathways for Pelvic Venous Disorders
 - Ovarian and Internal Iliac Vein Coiling: Indications, Techniques, and Outcomes
 - Venous Thoracic Outlet Syndrome: Modern Concepts in Diagnosis and Management
 - Future Horizons in Endovascular Therapy for Chronic Venous Disease
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Friday, 5 December 2025

08:00–08:30 | Welcome Coffee

08:30–09:00 – Abdominal Aortic Aneurysm Repair: State-of-the-Art and Future Directions

- Declining Aortic Diameter and Reduced Prevalence of Infrarenal Aortic Aneurysms: Insights from Population Screening
- High-Dose Statins in AAA: Benefits Beyond Traditional Risk Factors
- Current ESVS Guidelines for Abdominal Aortic Aneurysm: Influence on Clinical Practice and Future Directions
- Randomized Controlled Trial of the Nectero EAST System for Small- to Mid-Sized AAA Stabilization
- Endovascular AAA Repair and Annual Caseload: Evidence from the German Society for Vascular Surgery Quality Registry
- The ENGAGE Registry: Ten Year Outcomes with the Endurant Stent Graft System for Endovascular AAA Repair
- Urgent Repair of Short Neck / Juxtarenal / Pararenal Aneurysms
- Incidence, Risk Factors, and Management Approaches for Sac Expansion Following Endovascular AAA Repair
- Innovations in Endovascular Aortic Repair and Their Impact on Aneurysm Treatment Paradigms

10:00–10:30 | Coffee Break

10:30–11:00 – Thoraco-Abdominal Aortic Disease: Complex Cases, Cutting-Edge Solutions

- Age Matters for Thoraco-Abdominal Aortic Disease?
- Outcomes Following Fenestrated/Branched Endovascular Aortic Repair for Failed Open Infrarenal Aortic Repair
- Choice of Bridging Covered Stent for Fenestrated Endovascular Aneurysm Repair
- Aneurysm Sac Dynamics and its Prognostic Significance Following Fenestrated and Branched Repair
- Early Outcomes from the Standardised Physician Modified Four Fenestration Endograft Registry
- The Reverse Frozen Elephant Trunk: The Thoracoflo® Hybrid-Graft
- Three Key Randomized Controlled Trials Shaping the Future of Aortic Dissection Management
- Flow-Modulating Stents for Aortic Dissection: What the Evidence Shows—and When to Convert
- Post-Dissection Thoraco-Abdominal Aortic Aneurysm Managed by Fenestrated or Branched Repair

12:00–13:00 | Lunch Break

13:00–14:30 – Ascending Aorta and Aortic Arch Surgery: Multidisciplinary Approaches for Durable Results

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- Reoperations on the Ascending Aorta and Aortic Arch: Outcomes and Risk Factors
- Contemporary Indications & Pathway Choices in Aortic Arch Disease
- Endo-Bentall Prosthesis for Ascending Aortic Aneurysms: Current Evidence and Technical Considerations
- Hybrid Approaches to Aortic Arch Repair: Planning, Imaging, and Intraoperative Navigation
- Totally Endovascular Aortic Arch Repair: Feasibility and Branch Graft Techniques
- Early Outcomes of Endovascular Repair of Aortic Arch Lesions with a Thoracic Branched Endoprosthesis
- Long-Term Evolution After Hybrid/Fenestrated Repairs in Aortic Arch Aneurysms
- Systematic Review of Endovascular Techniques for Aortic Arch Pathology
- Aortic Outcome After Implementation of a Treatment Strategy for Type B Aortic Dissection

14:30–15:00 | Coffee Break

15:00–16:00 – Oncovascular Surgery: Expanding the Limits of Resection and Reconstruction

- Oncovascular Emergencies & Damage-Control Algorithms: From Tumor Bleeds to Unplanned Vascular Reconstructions
- IVC Tumor Thrombus & En-Bloc Resection: Contemporary Techniques and Outcomes
- Retroperitoneal Sarcoma with Vascular Resection: Strategy, Technique, and Patency Outcome
- Portal/Mesenteric Vein Reconstruction in Pancreatic Cancer: Technique Choice and Long-Term Patency
- Multidisciplinary Oncovascular Surgery in High-Volume Centers: Feasibility and Lessons Learned
- Perioperative Antithrombotic Strategies in Oncovascular Procedures: Balancing Patency, PE, and Bleeding

16:00–16:30 – Vascular Access 2025: Technology, Techniques, and Long-Term Success

- Innovations in Vascular Access for Hemodialysis
- Positioning AV Access for Cannulation Success
- Endovascular AV Fistulas: Past Lessons and Future Directions
- Patient-Centered Vascular Access: Balancing Function, Longevity, and Quality of Life
- Vascular Access Management: Lifespan Optimization and Catheter Timing
- AVF/AVG Stenosis Treatment: Algorithms and Practical Approaches

17:00 | Prize Ceremony

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Parallel Sessions – Lecture Hall B (Friday)**08:30–10:00 – Diabetic Foot and Venous Ulcers: Integrated Healing Strategies**

- Approaching Severe Lower-Limb Ulceration: A Practical Framework
- Optimizing Antibiotic Therapy to Prevent Systemic Inflammation After Revascularization
- Plantar Pressure Measurements to Assess the Offloading Effect of Total Contact Softcast Versus Total Contact Cast
- National Trends in Diabetic Foot and Vascular Disease–Related Amputations
- Targeted Sensory Reinnervation to Reduce Phantom Limb Pain After Amputation
- Choosing the Optimal Endovenous Modality for Patients with C6 Venous Disease
- Cyanoacrylate Closure in Superficial Venous Reflux: Evaluating Clinical Outcomes
- Biological Innovations in Chronic Venous Ulcer Management

10:00–10:30 | Coffee Break

10:30–11:15 – Septic Vascular Surgery

- Diagnosing the Undiagnosable: Advances in Detecting Vascular Graft and Endograft Infections
- Physician-Made Bovine Pericardial Tube Grafts for Aortic Infection
- Predictors of Adverse Outcomes After Excision of Infected Abdominal Aortic Grafts
- Managing Secondary Aortoenteric Fistulas After Aortic Aneurysm Repair

11:15–12:00 – Visceral Vessels: Mastering the Unpredictable

- ESVS 2025 Mesenteric & Renal Guidelines: What's New and Practice-Changing
- Building an “Intestinal Stroke” Pathway: Prospective Results
- Revascularization for Renovascular Disease
- Visceral Artery Aneurysms: Natural History, Treatment Selection, and Strategy

12:00–13:00 | Lunch Break

13:00–14:00 – Trauma and Bleeding Control: Rapid-Response Vascular Surgery

- ESVS 2025 Clinical Practice Guidelines on the Management of Vascular Trauma
- Management of Carotid and Vertebral Artery Injuries: Endovascular vs. Open Repair and Stroke Prevention Strategies
- Long-Term Outcomes of Endovascular Repair for Blunt Traumatic Aortic Injury
- Abdominal and Visceral Artery Injuries — Rapid Bleeding Control: Embolization vs. Repair, Hybrid Strategies
- Lower Limb Arterial Injuries — Popliteal and Femoral Artery Trauma, Compartment Syndrome Prevention, Shunt Use, and Limb Salvage Outcomes



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14:00–14:30 – Vascular Malformations: Mapping, Managing, and Mastering Complexity

- Classification, Imaging and Interventional Mapping of Vascular Malformations
- Interdisciplinary Centers and Standardization in Vascular Anomaly Care
- Advanced Embolization Techniques in Vascular Malformations

14:30–15:00 | Coffee Break

15:00–16:00 – Sustainability in Vascular Medicine

- A Greener Vascular Surgery: A Survey of Current Green Practices
- Telemedicine and Remote Monitoring: Reducing Travel and Emissions in Vascular Care
- Sustainable Vascular Surgery: Energy Efficiency and Environmental Practices
- Advancing Vascular Medicine Through Quality, Science, Diversity, and Education
- e-Health and Environmental Sustainability in Vascular Surgery
- Sustainable Device Use and Innovation: Greening Endovascular Practice