

POSTERS 30/05/2025 FRIDAY

8:00–9:30	Poster section I. Varia
	Chairpersons: Imre Bihari, Monika Gloviczki
	Balázs Lengyel, Heart and Vascular Center, Semmelweis University: <i>AI-enhanced Computer Vision Is More Consistent and Accurate in Tracking Operating Room Events Than Manual Documentation</i>
	Dávid Laczkó, Heart and Vascular Center, Semmelweis University: <i>Comparing the effectiveness and safety of particle and liquid embolic agents in bronchial artery embolisation</i>
	Martin Nagy, Semmelweis University: <i>Effect of extreme temperature and air pollution on the incidence of myocardial infarction</i>
	Mr. Patrik Pesti, Budapest University of Technology and Economics: <i>Environmental Determinants of Out-of-Hospital Cardiac Arrest: Temperature and Pressure Extremes as Risk Factors</i>
	Zoltán Jakus, Department of Physiology, Semmelweis University: <i>Nucleoside-modified mRNA mediated modulation of organ-specific lymphatic growth and function in preclinical animal models</i>
	Dániel Pál, Heart and Vascular Center, Semmelweis University: <i>Ruptured aortic aneurysms and the alternation of biometeorological parameters; a new method to forecast rare events</i>
	Gábor Lovas, Jahn Ferenc South Pest Hospital and Outpatient Clinic, Budapest: <i>Synoptic Weather Patterns and Their Relationship to Neurological Vascular Emergencies</i>
	Gabija Žymantaitė, Vilnius University Faculty of Medicine: <i>The Effect of Latency and Force on Performance in an Endovascular Simulation Task: Applications in Robotic Telesurgery</i>
11:15–12:45	Poster section II. Carotis
	Chairpersons: Péter Vince Banga, Peter F. Lawrence
	Samuel Kalina, Mayo Clinic: <i>Association of Bovine Aortic Arch Anatomy with Increased Carotid Stenosis in the Left Carotid Artery</i>
	Andrea Varga, Heart and Vascular Center, Semmelweis University: <i>Brain infarcts correlate with exulcerated plaques and severe incompleteness of the circle of Willis – retrospective analysis of a large cohort of carotid endarterectomy patients</i>
	Akshay Kumar Verma, Grant Government Medical College and Sir JJ Group of Hospitals, Mumbai, India: <i>Carotid Body Tumor; A Pandora's box for Vascular Surgeons</i>
	Henriette Mészáros, Heart and Vascular Center, Semmelweis University: <i>Clinical Predictors of Mortality in Patients with Acute Ischemic Stroke Treated with Mechanical Thrombectomy: A Nonlinear, Internally Validated Model</i>
	Hanga Pál, Semmelweis University - Department of Neurology, János Szentágothai Neurosciences School of PhD Studies, Semmelweis University, Budapest, Hungary: <i>Complex Functional Transcranial Doppler Ultrasound Examinations in Patients with Significant Internal Carotid Artery Stenosis</i>
	Mark Matus, Semmelweis University, Heart and Vascular Centre, Budapest Hungary: <i>Elevated Autoimmune Inflammatory Markers and Perioperative Risks Required Element Number Calculation: Insight into a New Carotid Biobank</i>
	Samuel Kalina, Mayo Clinic: <i>Pericarotid Fat Associated with Major Adverse Cardiovascular Events after Carotid Endarterectomy</i>
	Ádám Pál-Jakab, Heart and Vascular Center, Semmelweis University: <i>Regional Analysis of Environmental Factors Influencing Out-of-Hospital Cardiac Arrest in Hungary</i>
	Julien Sfeir, Lebanese Hospital UMC: <i>Systematic Shunting Under General Anesthesia for Carotid Endarterectomy: A prospective study</i>
	Boldizsár Gyöngyösi, Heart and Vascular Center, Semmelweis University: <i>The impact of contralateral carotid occlusion on circle of Willis completeness</i>
13:30–15:00	Poster section III. Lower extremity
	Chairpersons: Zsolt Garami, Balázs Nemes
	Judit Csöre, Heart and Vascular Center, Semmelweis University: <i>A Novel Human Amputated Limb Model for Advancing Peripheral Artery Disease Research and Device Testing</i>
	István Góg, North-Pest Central Hospital - Military Hospital: <i>Combined CERAB and open surgical approach for the treatment of kidney allograft failure and claudication – a case presentation.</i>
	Judit Csöre, Heart and Vascular Center, Semmelweis University: <i>Enhancing Chronic Limb-Threatening Ischemia Management through Pre-procedural Magnetic Resonance Histology in Peripheral Vascular Interventions</i>
	Jacek Poniewierski, Department of Vascular Surgery and Angiology, Collegium Medicum, University of Nicolai Copernicus: <i>Feasibility of the Direct Intraluminal Vision (DIV) by Use of Angioscopy in Endovascular Treatment of Short Femoral Lesions</i>
	Gergely Imre Kovács, Heart and Vascular Center, Semmelweis University: <i>Mechanical and Nanomechanical Properties of Cryopreserved Human Arterial Allografts: A Six-Month Follow-Up Study</i>
	Judit Csöre, Heart and Vascular Center, Semmelweis University: <i>Validation of a custom variational autoencoder artificial intelligence algorithm through histology for classifying ex vivo MRI images of peripheral artery disease lesions</i>
15:30–17:00	Poster section IV. Aortic
	Chairpersons: Alan Lumsden, Zoltán Szeberin
	Sarolta Borzsák, Department of Interventional Radiology, Semmelweis University: <i>AI-Powered Thoracic Aortic Measurements: A Step Toward Standardization</i>
	Péter Tamás Legeza, Heart and Vascular Center, Semmelweis University: <i>Complex Endovascular Aortic Repair of Mycotic Aortic Aneurysms</i>
	András Szentiványi, Department of Interventional Radiology, Semmelweis University: <i>Initial experience of physician modified endograft implantation on a bifurcation platform</i>
	Tímea Hevér, North-Pest Central Hospital - Military Hospital: <i>Penetrating aortic ulcer requiring unique treatment</i>
	Ákos Bérczi, Heart and Vascular Center, Semmelweis University: <i>Perioperative and short-term results of standardized PMEG workflow to treat complex abdominal aortic aneurysms</i>
	Nabashru Gupta, Semmelweis University: <i>Prostate Cancer Diagnosis: A Retrospective Analysis of MRI Results and Anamnesis in 6000 Patients</i>
	Lilla Luciné Teráz, North-Pest Central Hospital - Military Hospital: <i>Pushing Boundaries in the Aorta: Innovative Solutions for PAU Surgery</i>
	Anna Luca Szily, Semmelweis University, Heart and Vascular Center, Department of Vascular and Endovascular Surgery: <i>Role of Inflammatory and Autoimmune Processes in the Development of Abdominal Aortic Aneurysms</i>
	Erő Remsey-Semmelweis, Philipps University of Marburg: <i>The Role & Kinetic Effect of the Supra-Endothelial Vortical Turbulent Blood Flow Sheet, inside The Aortic Arch</i>
	Martin Orbán, Semmelweis University, Faculty of Medicine: <i>The Role of the Vascular Wall, Thrombus, Blood, and Gut Microbiome in the Development of Abdominal Aortic Aneurysms</i>