Station A: Superficial Venous Ablation  |  Chair: Ngoh Chin Liew (Malaysia), Saroj Das (UK)

A1  A novel surgical technique for deep venous reflux suppression in femoral vein duplication.  
*S Gianesini, E Menegatti, M Tessari, MG Sibilla, P Spath, P Zamboni.* Vascular Diseases Center and Unit of Translational Surgery, University of Ferrara, Ferrara, Italy

A2  How do we prevent tributary vein recurrence near the sapheno-femoral junction after endovenous ablation of the great saphenous vein.  
*H Kusagawa.* Matsusaka Ohta Clinic, Matsusaka, Japan

A3  Risk factors of endovenous heat induced thrombosis after endovenous laser ablation.  
*I Kawase.* Chiba Clinic for Varicose Veins, Chiba, Japan

A4  Edoxaban in the prevention of endovenous heat induced thrombosis after endovenous laser ablation for varicose veins.  
*T Shimizu*, A* Shirashi*. Department of Cardiovascular Surgery¹, Department of Clinical Laboratory and Pathology², Nagano Matsushiro General Hospital, Nagano, Japan

A5  Evaluation for occlusion rate of a great saphenous vein and its tributaries by ultrasound scan after varicose veins treatment with radiofrequency ablation.  
*T Imai.* Department of Vascular Surgery, Nishinokyo Hospital, Nara, Japan

*R Bootun, TRA Lane, AH Davies.* Section of Vascular Surgery, Imperial College London, Charing Cross Hospital, London, UK

A7  A more comfortable method for tumescent anesthesia.  
*GR Coates.* Vein Therapies of Chattanooga, PPLC, Chattanooga, Tennessee, USA

A8  Clinical trial comparing endovenous radiofrequency thermal ablation and crossectomy with stripping for great saphenous varicose veins.  
*NS Abushov, EJ Zakirjayev, MM Karimov, ZM Aliyev, FE Abbasov, FJ Hasanov, GN Abushova.* Scientific Centre of Surgery named after M.A. Topchubashov, Azerbaijan Medical University, Baku, Azerbaijan

A9  Sclerotherapy and vein gluing combined as a single procedure for saphenous veins.  
*JC Ragg.* Angioclinc® vein Centers - Interventional Phlebology, Berlin - Munich – Zurich, Switzerland

A10  Sclerofoam assisted laser therapy (SFALT) for saphenous refluxes: an innovative tumescence-free technique.  
*F Zini.* Surgical Department Private Hospital Città di Parma, Parma, Italy

*MM Karimov NS Abushov, EJ Zakirjayev, AB Hasanov, FE Abbasov, GT Tagizade, SM Karimli.* Azerbaijan Medical University, Scientific Centre of Surgery named after M.A. Topchubashov, Baku, Azerbaijan
**The new steam ablation of saphenous vein.** U Bengisun, A Cetinkaya, O Bozdemir. Department of Peripheral Vascular Surgery, Ankara University, Ankara, Turkey

**Station B: Superficial Venous Ablation, Lymphoedema, Perforators, Deep Venous, Other**

**Chair: Giovanni Mosti (Italy), Tristan Lane (UK)**

**B1** Prediction of radiofrequency ablation treatment outcome using plethysmography in great saphenous vein insufficiency. O Nelzén, J Skoog, C Lassvik, T Lånne, H Zachrisson. Department of Thoracic and Vascular Surgery and Department of Medical and Health Sciences, Linköping University, Linköping, Sweden; Department of Medical and Health Sciences, Linköping University, Linköping, Sweden; Department of Clinical Physiology and Department of Medical and Health Sciences, Linköping University, Linköping, Sweden

**B2** Isolated EVLA as a first stage treatment of varicose veins. A Kadiss, A Vanags, S Prave, R Vigants, J Rits, U Maurin. Dr. Maurins Vein Clinic, Riga, Latvia

**B3** Early outcomes after radiofrequency ablation and mecanochemical ablation in the treatment of great saphenous vein incompetence. C Leung, Daniel Carrodice, Ian Chetter. Hull York Medical School, Hull Royal Infirmary, Hull, UK

**B4** Surgical procedure for incompetent perforators – VANST technique. V Ciubotaru. Flebestet Medical Clinic, Bucharest, Romania

**B5** A specifically designed aquatic exercise protocol to reduce chronic lower limb oedema. S Gianesini1, M Tessari2, P Bacciglieri2, AM Malagoni1, E Menegatti1, S Occhionorelli1, N Basaglia2, P Zamboni2. 1Vascular Diseases Center - Unit of Translational Surgery, University of Ferrara, Italy 2Idrokinetik Clinic, Ferrara, Italy

**B6** How to prevent lymphatic injuries in venous surgery. S Dessalvi, F Boccardo, CC Campisi, L Molinari, S Spinaci, C Cornacchia, C Campisi. Department of Surgery, Unit of Lymphatic Surgery IRCCS S.Martino – IST Institute for Cancer Research; University of Genoa, Genoa, Italy

**B7** Lympha technique to prevent extremity lymphedema following cancer treatment. F Boccardo, M Valenzano3, S Costantini3, F Casabona3, M Morotti3, P Sala3, F De Cian3, L Molinari3, S Spinaci3, S Dessalvi1, CC Campisi1, G Villa2, C Campisi1. 1Department of Surgery, Unit of Lymphatic Surgery, S. Martino Hospital, National Cancer Institute, University of Genoa, Italy; 2Department of Surgery, Unit of Nuclear Medicine, S. Martino Hospital, National Cancer Institute, University of Genoa, Italy; 3Department of Obstetrics and Gynecology, S. Martino Hospital, National Cancer Institute, University of Genoa, Italy; 4Department of Surgery, Unit of Oncologic Surgery, S. Martino Hospital, National Cancer Institute, University of Genoa, Italy

**B8** Our simplified SEPS (Subfascial Endoscopic Perforator Surgery) have considerable advantage in treatment of severe refractory stasis ulcers. N Haruta1, R Shinhara2, M Kouchi1, T Yano1. 1Departments of Vascular Surgery & Endoscopic Surgery, Takano-bashi Central Hospital, Jinyoukai Medical Corporation, Hiroshima, Japan; 2Department of Surgery, Mitsubishi Mihara Hospital, Mihara, Japan

**B9** Measurement of blood flow in the deep veins of the lower limb using the Geko™ neuromuscular electrostimulation device. M Griffin1, Down Bond2, AN Nicolaides1,2,1. 1The Vascular Noninvasive
B10 WITHDRAWN

B11 Recurrent pulmonary emboli from popliteal vein aneurysm. A Thapar, A Shepherd, P Jasani, V Gadhvi. Basildon Hospital, Basildon, Essex, UK

Station C: Thrombosis, Basic Science | Chair: Mark Vuylsteke (Belgium), Dan Carradice (UK)

C1 The results of treatment of patients with inferior vena cava thrombosis. V Khryshchanovich, I Klimchuk, S Kalinin. Belarusian State Medical University, Minsk, Republic of Belarus

C2 Retrospective analysis of deep vein thrombosis incidence in patients with superficial vein thrombosis of the lower extremities. V Khryshchanovich. Belarusian State Medical University, Minsk, Republic of Belarus

C3 Long-term results of standard treatment of deep vein thrombosis. V Khryshchanovich, S Kalinin. Belarusian State Medical University, Minsk, Republic of Belarus

C4 Inferior vena cava (ivc) filters: current district general hospital practice. T Ghatwary, C Bather, R Coppack, S Dimitri. The Countess of Chester Vascular unit and VTE exemplar Centre, Chester, UK

C5 Catheter directed thrombolysis for acute ilio-femoral deep vein thrombosis: a retrospective single center observational study. M Karouki1, F Torella1, U Shaikh2, TY Chan2, JRH Scurr1. 1Liverpool Vascular and Endovascular Service (LiVES), Royal Liverpool University Hospital, Liverpool, UK. 2Interventional Radiology, Royal Liverpool University Hospital, Liverpool, UK

C6 Recurrent thrombosis secondary to heparin-induced thrombocytopenia following venous recanalisation and stenting. A Wigham. Oxford University Hospitals NHS Foundation Trust, Oxford, UK

C7 Venous thromboembolism risk assessment model proposal for surgical patients. L Lee1, NC Liew1, M Griffin2, A Nicolaidis2. 1Department of Surgery, University Putra Malaysia, Serdang, Malaysia; 2Vascular Diagnostic and Screening Center, Nicosia, Cyprus and Imperial College, London, UK

C8 A tri-block polymer vepoloxamer-188 potentiates action of heparin and tissue plasminogen activator in animal models. E Kalodiki1, D Dansdill1, J Beverly1, W Jeske1, D Happensteadt1, M Emanuele1, J Fareed1, S Jae1, JS Cho1. Thrombosis and Hemostasis Research Laboratories and Department of Surgery, Loyola University Centre, Maywood, IL, USA

C9 Inflammatory and metabolic syndrome biomarker analysis of vascular outcomes in end-stage renal disease. E Kalodiki, V Bansal, PV Sweigert, D Happensteadt, J Saluk, D Syed, J Fareed. Depts of Nephrology and Pathology, Loyola University Medical Center, Maywood, IL, USA

C10 New insights into structure and pathogenetic reactivity of the human saphenous vein wall: focus on pericytes and influence of venotropic flavonoids. S Nees1, T Fischlein1, S Milz3, G Juchem4. 1,4University of Munich (LMU), Departments of Physiology, Anatomy and Cardiac Surgery, 2Paracelsus University Nuremberg, Department of Cardiac Surgery, Munich, Germany
C11 Venous intima reconstructed in vitro: influence of simultaneously activated platelets and polymorphonuclear leukocytes (PMN) in absence and presence of polyphenols from red wine leaves. G Juchem¹, T Fischlein², S Milz³, S Nees²
¹University of Munich (LMU), departments of cardiac surgery, anatomy and physiology, ²University of Munich, Department of Cardiac Surgery, Munich, Germany

C12 Transdermal application of therapeutic compounds targeting venous endothelial and smooth cells attenuates varicose and spider vein development. H Kuk¹, M Hecker, T Korff. ¹Institute of Physiology and Pathophysiology, Division of Cardiovascular Physiology, University of Heidelberg, Germany, ²Institute of Physiology and Pathophysiology, Heidelberg University, Germany

C13 Wound circulation speeds up immediately after a hyperbaric oxygen treatment. T Lundh¹, SC Sorice², GC Gurtner², S Meyer², S Sen², R Robertson², J Parsley², V Chandra². ¹Chalmers University of Technology, Gothenburg, Sweden, ²Stanford University School of Medicine, Stanford, USA

C14 In vivo and in vitro effects of *ruscus* extract are mediated by muscarinic receptors. E Bouskela², P Heusler¹, D Cussac¹, F Lantoine-Adam¹, F Zely G de Almeida Cyrino², I Rauly-Lestienne¹. ¹Centre de Recherches Pierre Fabre, Castres, France, ²Laboratory for Clinical and Experimental Research on Vascular Biology (BioVasc), Biomedical Center, State University of Rio de Janeiro, Rio de Janeiro, Brazil