

# 23rd Meeting of the European Venous Forum

Bolle Festsaele/Berlin, Germany, 22-24 June 2023

## SCIENTIFIC PROGRAMME (provisional)

THURSDAY 22 JUNE 2023

08.00-08.30		<b>ePoster Presentations in Lecture Hall</b> Chairs: Oscar Maleti (Italy)
08.30-10.30		<b>Abstract Session 1: Venous Thromboembolism</b> (10 minute presentation, 10 minute discussion) Chairs: Andrew Nicolaidis (Cyprus), Erika Mendoza (Germany)
08.30-08.50	1.1	Interim One-year Safety And Effectiveness Outcomes Of A Mechanical Thrombectomy System For Treating Deep Vein Thrombosis: Results From The Real-world CLOUT Registry. <i>Gerd Grözinger*</i> . University of Tübingen, Tübingen, Germany
08.50-09.10	1.2	Sulodexide and endothelial repair, a promising target for the acute approach of deep venous thrombosis management. <i>Erasto Aldrett*<sup>1</sup>; Erasto Aldrett<sup>2</sup>; Nora Enid Lecuona<sup>1</sup>; Marisol Aldrett Alvarez<sup>2</sup></i> . <sup>1</sup> Grupo de Atención Vascul ar Integral, San Luis Potosí, Mexico; <sup>2</sup> Grupo Dd Atencion Vascul ar Integral, San Luis Potosí, Mexico
09.10-09.30	1.3	Long-term results of tinzaparin for the treatment of superficial vein thrombosis of the lower limbs. <i>Chrysanthi Papageorgopoulou*</i> ;Konstantinos Nikolakopoulos;Spyros Papadoulas;Stavros Kakkos. University Hospital of Patras, Patras, Greece
09.30-09.50	1.4	Cancer-associated upregulation of thrombo-inflammatory markers, and endothelial marker among patients with pulmonary embolism. <i>Fakiha Siddiqui*<sup>1</sup>; Amir Darki<sup>2</sup>; Manuel Monreal<sup>3</sup>; Dilany Aliaga<sup>2</sup>; Debra Hoppensteadt<sup>2</sup>; Eduardo Ramacciotti<sup>2</sup>; Grigoris Gerotziapas<sup>4</sup>; Bulent Kantarcioglu<sup>2</sup>; Jawed Fareed<sup>2</sup>; Alfonso Tafur<sup>5</sup></i> . <sup>1</sup> Loyola Univeristy Medical center, Maywood, USA; <sup>2</sup> Loyola University Medical Center, Maywood, USA; <sup>3</sup> Universidad Católica San Antonio de Murcia., Murcia, Spain; <sup>4</sup> Univeristy of Paris, Paris, France; <sup>5</sup> NorthShore University Health Systems, Skokie, USA Submitted for the EVF Prize
09.50-10.10	1.5	Novel oral anticoagulants (NOACs) versus low molecular weight heparin (LMW) in prevention of venous thromboembolism (VTE) recurrence in cancer patients: a systematic review and meta-analysis. <i>Patricia Noreen Bueno*</i> ; William Bernard Ong; Frinz Moey Rubio; Lea Arceli Gonzales-Porciuncula. St. Luke's Medical Center, Quezon City, Philippines Submitted for the EVF Prize
10.10-10.30	1.6	Fit To Fly? A systematic review and meta-analysis of venous thromboembolism risk in surgical patients with recent air travel. <i>Jessie Shea*<sup>1</sup>; Avik Ghosh<sup>2</sup>; Benedict RH Turner<sup>2</sup>; Alun H Davies<sup>2</sup>; Sarah Onida<sup>2</sup></i> . <sup>1</sup> London North West University Healthcare NHS Trust, London, UK; <sup>2</sup> Imperial College London, London, UK Submitted for the EVF Prize
10.30-11.00		Refreshments. Visit Exhibition
11.00-13.00		<b>Abstract Session 2: Varicose Veins I</b> (10 minute presentation, 10 minute discussion) Chairs: Alun Davies (UK), Tobias Hirsch (Germany)
11.00-11.20	2.1	5-year follow-up of a randomised controlled trial of endovenous laser ablation versus mechanochemical ablation for superficial venous incompetence (LAMA Trial). <i>Arthur JM Lim*<sup>1</sup>; Abduraheem Mohamed; Louise Hitchman; Misha Sidapra; Bharadhwaj Ravindhran; Ross Lathan; George Smith; Ian Chetter; Daniel Carradice</i> . Hull York Medical School, Hull, UK Submitted for the EVF Prize
11.20-11.40	2.2	Saphenous vein mechano-chemical ablation by flebogrif catheter: mid - term (18 months). Results of the prospective multicentre trial (POLFLEB Study). <i>Tomasz Zubilewicz<sup>1</sup>; Tomasz Urbanek*<sup>2</sup>; Aleksandra Jaworucka-Kaczorowska<sup>3</sup>; Dariusz Janczak<sup>4</sup>; Piotr Terlecki<sup>1</sup>; Maciej Juško<sup>5</sup></i> . <sup>1</sup> Medical University Lublin, Lublin, Poland; <sup>2</sup> Medical University of Silesia, Katowice, Poland; <sup>3</sup> Jaworuccy Surgery and Gynecology Center, Gorzów Wielkopolski, Poland; <sup>4</sup> Wroclaw Medical Univeristy, Wroclaw, Poland; <sup>5</sup> Wroclaw Medical University, Wroclaw, Poland

11.40-12.00	2.3	Comparison of radiofrequency ablation (RFITT) and glue chemical ablation (GCA) for incompetence of vena saphena magna et parva: A single center experience. <i>Maria Rosa Dassatti; Daniele Misuri; Stefan Haumer*</i> . Krankenhaus Schlanders, Schlanders (Bz), Italy
12.00-12.20	2.4	Reflux origin of the insufficient small saphenous vein by duplex ultrasound determination and consequences for therapy. <i>Hans-Jürgen Veltman*<sup>1</sup>; Philipp Zollmann<sup>1</sup>; Maria Zollmann<sup>1</sup>; Christine Zollmann<sup>1</sup>; Ivonne Berger<sup>1</sup>; Anja Preller<sup>1</sup>; Erika Mendoza<sup>2</sup></i> . <sup>1</sup> Vein Office, Jena, Germany; <sup>2</sup> Vein Office, Wunstorf, Germany
12.20-12.40	2.5	Variations of the saphenopopliteal junction: An ultrasonography study in young population and a meta-analysis. <i>Michaela Vesela*<sup>1</sup>; Michal Benes<sup>2</sup>; Gabriela Dostálová<sup>1</sup>; Ales Linhart<sup>1</sup>; David Kachlík<sup>2</sup></i> . <sup>1</sup> General University Hospital in Prague, <sup>1</sup> . LF Charles University, Prague, Czech Republic; <sup>2</sup> . faculty of medicine, Charles University, Prague, Czech Republic
12.40-13.00	2.6	Results of a prospective observational study evaluating the effectiveness and tolerability of venoactive drugs combined with compression therapy in the treatment of venous disease CEAP Class C6: VAP-PRO-C6 study. <i>Vadim Yu Bogachev*<sup>1</sup>; Boris V Boldin<sup>1</sup>; Pavel Yu Turkin<sup>1</sup>; Alexandr Samenkov<sup>1</sup>; Olga Jenina<sup>1</sup>; Olga Linnik<sup>2</sup></i> . <sup>1</sup> Pirogov Russian National Research Medical University, Moscow, Russia; <sup>2</sup> Servier, Moscow, Russia
13.00-13.05		Special Announcement by the Chair Alun Davies. VEIN: the Venous Ulcer Platform Study
13.05-14.00		Lunch
		Visit Exhibition
14.00-15.00		<b>Industry Session 1</b>
15.00-16.00		<b>Didactic Session 1: Prevention and Management of Thrombosis</b> <i>Chairs: Efthymios Avgerinos (Greece), Houman Jalaie (Germany),</i>
15.00-15.15		Management of superficial vein thrombosis. Consequences from the INSIGHT Registry. <i>Eberhard Rabe (Germany)</i>
15.15-15.30		Deep dive into the Caprini score. Andrew Nicolaidis (Cyprus)/Joe Caprini (USA)
15.30-15.45		Combined modalities in the prevention of VTE. Cochrane meta-analysis 2022. <i>Stavros Kakkos (Greece)</i>
15.45-16.00		Update on the management of deep vein thrombosis with anticoagulation. <i>Rupert Bauersachs (Germany)</i>
16.00-16.30		Refreshments Visit Exhibition
16.30-17.30		<b>Industry Session 2</b>
17.30-18.30		<b>Didactic Session 2: Chronic Venous and Lymphatic Disease and PTS</b> <i>Chairs: Marzia Lugli (Italy), Rupert Bauersachs (Germany),</i>
17.30-17.45		Cost-effectiveness of different international modalities and its new update. <i>Armando Mansilha (Portugal)</i>
17.45-18.00		CVD as an occupational disease. <i>Tobias Hirsch (Germany)</i>
18.00-18.15		Intervention of PTS: Who, when and how. <i>Houman Jalaie (Germany)</i>
18.15-18.30		Acute DVT intervention: Shifting from catheter thrombolytics to mechanical thrombectomy for prevention of PTS. <i>Efthymios Avgerinos (Greece)</i>
18.30-19.30		<b>Welcome Reception</b>

## FRIDAY 23 JUNE 2023

08.00-08.30		<b>ePoster Presentations in Lecture Hall</b> <i>Chairs: Dominik Heim (Switzerland)</i>
08.30-10.30		<b>Abstract Session 3: Varicose Veins II</b> (10 minute presentation, 10 minute discussion) <i>Chairs: Tomasz Urbaneck (Poland), Felizitas Pannier (Germany)</i>
08.30-08.50	3.1	The epidemiology and risk factors of chronic venous disease and superficial vein reflux in a general population in the Netherlands -- results from the Rotterdam study. <i>Eveline Scheerders*</i> . Erasmus MC, Rotterdam, Netherlands Submitted for the EVF Prize
08.50-09.10	3.2	Endovenous thermal ablation outcomes in relation to the diameter of incompetent great saphenous trunk.

	<i>Christos Karathanos*</i> ; <i>Konstantinos Spanos</i> ; <i>Konstantinos Batzalexis</i> ; <i>Alexandros Barbatis</i> ; <i>Konstantinos Tzimas- Dakis</i> ; <i>Georgios Volakakis</i> ; <i>Athanasios Chaidoulis</i> ; <i>Georgios Kouvelos</i> ; <i>Athanasios Giannoukas</i> <i>Department of Vascular Surgery, University General Hospital of Larissa, University of Thessaly, Larissa, Greece</i>
09.10-09.30 3.3	The safety of cyanoacrylate in varicose vein treatment: A review of type IV hypersensitivity and phlebitis-like reactions. <i>Eduardo Silva*</i> ; <i>Helena Pereira</i> ; <i>Vânia Constâncio-Oliveira</i> ; <i>Celso Nunes</i> ; <i>Leonor Baldaia</i> ; <i>Miguel Silva</i> ; <i>Luís Orelhas</i> ; <i>Manuel Fonseca</i> <i>Coimbra Hospital and University Centre, Coimbra, Portugal</i> Submitted for the EVF Prize
09.30-09.50 3.4	A novel screening tool for pelvic venous disorders. <i>Matthew Tan*<sup>1</sup></i> ; <i>Adam Gwozdz<sup>1</sup></i> ; <i>Tasneem Pope<sup>1</sup></i> ; <i>Alun Davies<sup>1</sup></i> ; <i>Sriram Narayanan<sup>2</sup></i> . <sup>1</sup> <i>Imperial College London, London, UK</i> ; <sup>2</sup> <i>The Venus Clinic Singapore and The Harley Street Heart &amp; Vascular Centre, Singapore, Singapore</i> Submitted for the EVF Prize
09.50-10.10 3.5	Intra-individual comparison of 1470 nm and 1940 nm endovenous laser systems and biomatrix sclerosing foam. <i>Estephany Sifuentes Escobar*</i> . <i>Angioclinic Vein Centers, Berlin, Germany</i> Submitted for the EVF Prize
10.10-10.30 3.6	Results of numerical simulations of blood flow in the models of popliteal vein with elastic valves and with the leaflets of an increased stiffness. <i>Anas Rashid<sup>1</sup></i> ; <i>Syed Atif Iqar<sup>2</sup></i> ; <i>Aiman Rashid<sup>3</sup></i> ; <i>Marian Simka*<sup>4</sup></i> <sup>1</sup> <i>University of Torino, Torino, Italy</i> ; <sup>2</sup> <i>Aston University, Birmingham, UK</i> ; <sup>3</sup> <i>University of Cagliari, Cagliari, Italy</i> ; <sup>4</sup> <i>University of Opole, Opole, Poland</i>
10.30-11.00	Refreshments. Visit Exhibition
11.00-12.00	<b>Industry Session 3</b>
12.00-12.30	<b>Abstract Session 4: CVI and Diabetes, Venous Malformations</b> (10 minute presentation, 5 minute discussion) <i>Chairs: Niels Baekgaard (Denmark), Dominic Muhlberger (Germany)</i>
12.00-12.15 4.1	Identification and treatment of patients with concomitant chronic venous insufficiency and diabetes mellitus: A management algorithm using a modified Delph method. <i>Marie Josee van Tongerlo - van Rijn*<sup>1</sup></i> ; <i>Ahmet Kürşat Bozkurt<sup>2</sup></i> ; <i>Eliete Bouskela<sup>3</sup></i> ; <i>Giacomo Gastaldi<sup>4</sup></i> ; <i>Frederic Glauser<sup>5</sup></i> ; <i>Hermann Haller<sup>6</sup></i> ; <i>Juan Rosas-Saucedo<sup>7</sup></i> ; <i>Eberhard Rabe<sup>8</sup></i> ; <i>Armando Mansilha<sup>9</sup></i> . <sup>1</sup> <i>Erasmus Medical Center, Rotterdam, Netherlands</i> ; <sup>2</sup> <i>Istanbul University-Cerrahpasa Medical Faculty, Istanbul, Turkey</i> ; <sup>3</sup> <i>State University of Rio de Janeiro, Rio de Janeiro, Brazil</i> ; <sup>4</sup> <i>Geneva University Hospitals, Geneva, Switzerland</i> ; <sup>5</sup> <i>Geneva University Hospitals and Faculty of Medicine, Geneva, Switzerland</i> ; <sup>6</sup> <i>Hannover Medical School, Hannover, Germany</i> ; <sup>7</sup> <i>Instituto de Diabetes de Celaya, AC. Celaya, Mexico</i> ; <sup>8</sup> <i>University of Bonn, Bonn, Germany</i> ; <sup>9</sup> <i>University of Porto and Hospital de S. João, Porto, Portugal</i>
12.15-12.30 4.2	Endovascular laser treatment of marginal vein in patients with venous malformations. <i>Sergey Sapelkin*</i> ; <i>Natalia Druzhinina</i> ; <i>Alexander Kharazov</i> ; <i>Irina Timina</i> ; <i>Andrey Chupin</i> , <i>Niyazov N.N.</i> <i>The National Medical Research Center of Surgery n.a. A.V. Vishnevsky, Moscow, Russia</i>
12.30-13.00	<b>EVF Invited Lecture</b> Chair: Erika Mendoza (Germany) Introduction by Erika Mendoza
	Lipoedema-Syndrome - a paradigm shift. <i>Tobias Bertsch (Germany)</i>
13.00-14.00	Lunch
	Visit Exhibition
14.00-15.00	<b>Prize winning papers from the Japanese Society of Phlebology, American Venous Form and American Vein and Lymphatic Society</b> (10 minute presentation, 5 minute discussion) <i>Chairs: Armando Mansilha (Portugal), Athanasios Giannoukas (Greece)</i>
14.00-14.20 Pr1	Time-restricted salutary effects of blood flow restoration on venous thrombosis and vein wall injury in mouse and human subjects. <i>Wenzhu Li*<sup>1</sup></i> ; <i>Chase Kessinger<sup>2</sup></i> ; <i>Makoto Orii<sup>3</sup></i> ; <i>Hang Lee<sup>4</sup></i> ; <i>Lang Wang<sup>5</sup></i> ; <i>Ido Weinberg<sup>4</sup></i> ; <i>Michael Jaff<sup>4</sup></i> ; <i>Guy Reed<sup>6</sup></i> ; <i>Peter Libby<sup>7</sup></i> ; <i>Ahmed Tawakol<sup>4</sup></i> ; <i>Peter Henke<sup>8</sup></i> ; <i>Farouc Jaffer<sup>4</sup></i> <sup>1</sup> <i>Shanghai Institute of Hypertension, Ruijin Hospital, Shanghai, China</i> ; <sup>2</sup> <i>Masonic Medical Research Institute, Utica, NY, USA</i> ; <sup>3</sup> <i>Iwate Medical University Hospital, Morioka, Japan</i> ; <sup>4</sup> <i>Massachusetts General Hospital, Boston, USA</i> ; <sup>5</sup> <i>Hubei Renmin Hospital, Wuhan, China</i> ; <sup>6</sup> <i>University of Arizona, Phoenix, USA</i> ; <sup>7</sup> <i>Brigham and Women's Hospital, Boston, USA</i> ; <sup>8</sup> <i>Section of</i>

	<i>Vascular Surgery, Ann Arbor, USA</i> <b>Winning abstract from Japanese Society of Phlebology</b>
14.20-14.40 Pr2	The impact of venous outflow obstruction on venous return to the heart: preload, cardiac function and exercise tolerance before and after endovascular reconstruction. <i>R Morris, King's College London, London, UK.</i> <b>Winning abstract from American Venous Forum</b>
<b>15.00-16.00</b>	<b>Industry Session 4</b>
16.00-16.30	Refreshments Visit Exhibition
<b>16.30-17.30</b>	<b>Joint EVF/AVF Session:</b> <i>Chairs: (EVF), (Ruth Bush (USA) (AVF)</i>
	<b>Is all renal vein compression clinically relevant?</b>
	<b>AVF Leadership:</b>
16.30-16.40	When renal vein compression is clinically relevant? <i>Kathleen Ozsvath (USA)</i>
16.40-16.50	When is renal vein compression clinically irrelevant? <i>Julianne Stoughton (USA)</i>
16.50-17.00	Discussion
	<b>Documentation and measurements relevant to GSV</b>
	<b>EVF Leadership:</b>
17.00-17.10	Standardised preoperative documentation as a basis for future evaluation of GSV treatment options in studies. <i>Erika Mendoza (Germany)</i>
17.10-17.20	Great saphenous vein diameter as factor for selection of thermal and non-thermal ablation. <i>Athanasios Giannoukas (Greece)</i>
17.20-17.30	Discussion
<b>17.30-18.30</b>	<b>Annual General Meeting (members only)</b>
<b>20.00</b>	<b>Congress Dinner</b>

## SATURDAY 24 JUNE 2023

08.00-08.30	<b>ePoster Presentations in Lecture Hall</b> <i>Chairs: Stavros Kakkos</i>
08.30-10.30	<b>Abstract Session 5: Varicose Veins III, The ABRE Study</b> (10 minute presentation, 10 minute discussion) <i>Chairs: Imre Bihari (Hungary), Eberhard Rabe (Germany)</i>
08.30-08.50 5.1	Anatomy-adapted endovenous therapy of the saphenous-femoral junction. <i>Tatjana Belyavskaya*</i> . <i>Angiodiagnostic Vein Centers, Berlin, Germany</i>
08.50-09.10 5.2	Contact time of sodium tetradecyl sulphate and venous endothelium for more than 5 seconds does not increase vein wall damage. Results of an ex-vivo vein study using immunohistochemistry. <i>Simon Muschamp; Melissa Kiely*; Simon Cheung; Danny Nguyen; Emma Moore; Anjali Bachetta; Mark Whiteley. The Whiteley Clinic, Guildford, UK</i>
09.10-09.30 5.3	Glue embolization of perforator veins with direct puncture-technique. A moncentric experience. <i>Pier Giovanni Bianchi*; Luca Palombi; Fabio Martinelli. Fondazione Villa Salus, Ospedale Villa Salus, Mestre Venezia, Italy</i>
09.30-09.50 5.4	The importance of breathing during exercise in chronic venous disease. <i>Rebeca Reachi-Lugo*. Hospital de Beneficencia Española, San Luis Potosi, Mexico</i>
09.50-10.10	Invited Presentation. The ABRE Study. Three year results. Stephen Black, UK
10.10-10.30 5.5	Effects of micronized purified flavonoid fraction on inflammatory markers in patients undergoing minimally invasive treatment for varicose veins. A prospective cohort study. <i>Igor A Suchkov; Roman E. Kalinin; Aleksey A Kamaev; Nina D Mzhavanadze*</i> <i>Ryazan State Medical University, Ryazan, Russia</i>
10.30-11.00	Refreshments Visit Exhibition
11.00-12.20	<b>Abstract Session 6: Venous Wall</b> (10 minute presentation, 10 minute discussion) <i>Chairs: Marianne Vandendriessche (Belgium), Mark Malouf (Australia)</i>
11.00-11.20 6.1	Comparative histological analysis in venous wall performed in patients with symptomatic chronic venous disease treated with a venotonic drug or without it.

	<i>Gerardo Estrada*<sup>1</sup>; Karla Garcia<sup>1</sup>; Amelia Estrada<sup>2</sup>; Irma Lopez<sup>3</sup>; Alejandro Loera<sup>1</sup>. <sup>1</sup>Beneficencia Española de Tampico, Tampico, Mexico; <sup>2</sup>Hospital General Carlos Canseco, Tampico, Mexico; <sup>3</sup>Provascular Tampico, Tampico, Mexico</i>
11.20-11.40 6.2	Action of HIFU (High Intensity Focused Ultrasound) on the venous wall: Histopathological analysis. <i>Paolo Casoni*<sup>1</sup>; Emanuele Nanni<sup>2</sup>; Matteo Pizzamiglio<sup>2</sup>; Luigi Serra<sup>3</sup>. <sup>1</sup>Ippocrate Vein Academy, Parma, Italy; <sup>2</sup>Ippocrate Vein Academy, Parma, Italy; <sup>3</sup>Centro Emiliano Ricerche Biomediche, Parma, Italy</i>
11.40-12.00 6.3	FIRST REGISTRY OF 185 CONSECUTIVE PATIENTS TREATED WITH FOAM SCLEROTHERAPY PREPARED WITH A AUTOMATED MICROFOAM PREPARATION SYSTEM. <i>Enric Roche*<sup>1</sup>; Cristina Marqués<sup>2</sup> <sup>1</sup>Hospital Universitari Sagrat Cor, Barcelona, Spain; <sup>2</sup>Clinica Vascular Barcelona, Barcelona, Spain</i>
12.00-12.20 6.4	Ultrasound is a reliable and an accurate method to detect increased histological venous wall thickness among patients with chronic venous disease. <i>Sammi Zerrouk*<sup>1</sup>; Frederic Pamoukdjian<sup>2</sup>; Christophe Leboeuf<sup>3</sup>; Anne Janin<sup>3</sup>. <sup>1</sup>Naborvein, St Avold, France; <sup>2</sup>Université Paris Cité, Inserm, Bobigny, France; <sup>3</sup>Université Paris Cité, Inserm, Paris, France</i>
12.20-13.00	<b>Industry Session 5</b>
13.00-14.00	<b>Didactic Session 3: Varicose Vein Surgery and Epidemiology Superficial Vein Disease</b> Chairs: Erika Mendoza, Albert Claude Benhamou
13.00-13.15	Surgery of superficial veins. A forgotten task in phlebology? <i>Dominic Muhlberger (Germany)</i>
13.15-13.30	How much Great Saphenous vein do we have to treat? Results of the SAPTAP Trial (isolated ambulatory phlebectomy with or saphenous thermal ablation) <i>Renate van den Bos (Netherlands)</i>
13.30-13.45	Bonn Vein Study. New results and implications of the revised CEAP classification. <i>Felizitas Pannier (Germany)</i>
13.45-14.00	Study on focal dilatations on GSV and its influence on the success of laser ablation. <i>Imre Bihari (Hungary)</i>
14.00	Presentation of 2024 Meeting. End of meeting