

# 21<sup>st</sup> Meeting of the European Venous Forum

**VIRTUAL**

24-26 June 2021 (Time zone: BST)

## PROVISIONAL SCIENTIFIC PROGRAMME

Recordings will be available to all registered delegates for one year post conference.

### THURSDAY 24 JUNE 2021

08.30-10.30	<b>Abstract Session 1:</b> (10 minute presentation, 10 minute discussion) <b>Venous Thromboembolism, Anticoagulation, Iliac Stenting, Villalta Scale</b> Chair: I Bihari (Hungary), A Nicolaidis (Cyprus)
08.30 1.1	<b>Comparison of thrombus regression between direct oral anticoagulants and warfarin in patients with deep vein thrombosis.</b> Hosoi Yutaka; Nunokawa Masao; Mochizuki Yasuaki; Ichikawa Yohei; Sasajima Hiroshi; Fujimaki Keisuke; Kubota, Hiroshi. Cardiovascular Surgery, Kyorin University, Tokyo, Japan
08.50 1.2	<b>Gender-related hemorrhagic events during rivaroxaban therapy.</b> Dzhenina Olga; Bogachev Vadim. First Phlebological Centre, Moscow, Russia
09.10 1.3	<b>Sulodexide may accelerate and promote deep vein thrombosis resolution</b> <u>Aldrett Lee, Erasto<sup>1</sup>; Fratti Munari, Alberto<sup>2</sup></u> <sup>1</sup> Grupo de Atención Vascular Integral, San Luis Potosi, Mexico; <sup>2</sup> Grupo de Atención Vascular Integral, Mexico City, Mexico;
09.30 1.4	<b>Risk factors and frequency of recurrent long-term venous thromboembolism after superficial vein thrombosis of the lower limbs.</b> Papageorgopoulou Chrysanthi P; Kakkos Stavros; Nikolakopoulos Konstantinos M; Ntouvas Ioannis; Papadoulas Spyros; Kouri Anastasia; Tsantrizos Polyzois. Vascular Surgery, University Hospital of Patras, Patras, Greece
09.50 1.5	<b>Quality of life outcomes after iliac vein stenting for chronic deep venous obstruction: a tertiary centre experience using the VEINES-QoL/SYM.</b> Morris Rachael; Pouncey Anna; Khan Taha; Gwozdz, Adam; Quintana, Belen; Saha Prakash; Black Stephen. Academic Department of Vascular Surgery, School of Cardiovascular Medicine and Sciences, St Thomas' Hospital, London, UK <i>Submitted for the EVF Prize</i>
10.10 1.6	<b>Assessment of the Villalta tool in a population with primary chronic venous disease.</b> Kemal Kemal; Onida Sarah; Davies Alun. Imperial College London, London, UK <i>Submitted for the EVF Prize</i>
10.30-11.00	View ePoster Presentations and visit Virtual Exhibition
11.00-13.00	<b>Abstract Session 2:</b> (10 minute presentation, 10 minute discussion) <b>Thermal ablation, Cyanoacrylate, Sclerotherapy, Haemodynamics</b> Chair: D Heim (Switzerland), A Szabo (Hungary)
11.00 2.1	<b>Randomised clinical trial of mechanochemical ablation versus cyanoacrylate adhesive for the treatment of varicose veins (MOCCA).</b> Belramman Amjad <sup>1</sup> ; Lane Tristan R A <sup>1</sup> ; Bootun Roshan <sup>1</sup> ; Tang Tjun Yip <sup>2</sup> ; Davies Alun H <sup>1</sup> <sup>1</sup> Imperial College London, London, London, UK; <sup>2</sup> Singapore General Hospital and Sengkang General Hospital, Singapore., Singapore, Singapore <i>Submitted for the EVF Prize</i>
11.20 2.2	<b>Mid-term results of cyanoacrylate embolization for saphenous veins: efficacy, complications and their treatment.</b> Murzina Elena <sup>1</sup> ; Lobastov Kirill <sup>2</sup> ; Bargandzhiya Astanda <sup>2</sup> ; Laberko Leonid <sup>2</sup> ; Popov Ivan <sup>3</sup> <sup>1</sup> Hospital «Neftyanik», Tyumen, Russia; <sup>2</sup> Pirogov Russian National Research Medical University, Moscow,

Russia; <sup>3</sup>Tyumen State Medical University, Tyumen, Russia

11.40 2.3	<b>Mechanisms of damage to the venous wall and dissolving venaseal glue in an animal experiment.</b> Markin SM. <sup>1</sup> ; Mazayshvili KV. <sup>2</sup> ; Agalarov RM. <sup>2</sup> ; Gustelev YuA. <sup>2</sup> ; Gitsuk YaV. <sup>1</sup> ; Mordovin, A.I. <sup>1</sup> <sup>1</sup> Federal State Budgetary Health Institution "St. Petersburg Clinical Hospital of the Russian Academy of Sciences, Saint-Petersburg, Russia; <sup>2</sup> Department of Faculty Surgery, Surgical University, Surgut State University, Surgut, Russia <i>Submitted for the EVF Prize</i>
12.00 2.4	<b>Efficacy and safety of radiofrequency thermal ablation of great saphenous vein compared to saphenous-femoral junction ligation and stripping. A randomized exploratory study.</b> Reina-Gutierrez Lourdes <sup>1</sup> ; Fernández-Solares Jose Ignacio <sup>1</sup> ; Nowak-Tarnawska, Agnieszka <sup>1</sup> ; Barrio-Rodriguez, Carlos <sup>1</sup> ; Florez-Gonzalez, Aurora <sup>1</sup> ; Laime-Alvarez, Ilsem <sup>1</sup> ; Fernández-Pérez, Cristina <sup>2</sup> ; Sanjuanbenito-Reina, Alfonso <sup>3</sup> . <sup>1</sup> Vascular Department, Hospital Central de la Cruz Roja, Madrid, Spain; <sup>2</sup> Epidemiology Unit, Hospital Clinico San Carlos, Madrid, Spain; <sup>3</sup> Grade of Medicine, Autonoma University, Madrid, Spain
12.20 2.5	<b>The study of systemic hemodynamic disorders in patients with varicose veins and post-thrombotic syndrome.</b> Suchkov Igor; Kalinin Roman; Mzhavanadze Nina; Shanaev Ivan Ryazan State Medical University, Ryazan, Russia <i>Submitted for the EVF Prize</i>
12.40 2.6	<b>Ultrasound-guided foam sclerotherapy on larges great saphenous veins (over 8 mm diameter) with 1% vs 2% vs 3% polidocanol: A randomised trial.</b> Amorim Cláudia; Virgini-Magalhães Carlos Eduardo; Bandeira Julia. Vascular and Endovascular Surgery, University Hospital Pedro Ernesto, Rio de Janeiro, Brazil <i>Submitted for the EVF Prize</i>
13.00-14.00	<b>View ePoster Presentations</b> (4 minute presentations) See separate page for programme.
13.00-14.00	Visit Virtual Exhibition
14.00-15.00	<b>Industry Session 1: Servier Symposium</b> <b>Chronic or not. A long-life disorder?</b> Chair: M de Maeseneer (Belgium), I Bihari (Hungary)
14.00	Introduction
14.05	At the heart of the microcirculation. E Bouskela (Brazil)
14.20	Reflux pattern in microvalves of tributaries. M Lugli (Italy)
14.35	New haemodynamic effects. Their contribution to MPFF efficacy. A Nicolaidis (Cyprus)
14.50	Questions and Answers
15.00-16.00	<b>Didactic Session 1</b> (10 minute presentation, 5 minute discussion) <b>Messages from New Guidelines, Laser Crossectomy</b> Chair: Marianne De Maeseneer (Belgium), F Zernovicky (Slovakia)
15.00	Highlights of Guidelines of DVT management. Stavros Kakkos (Greece)
15.15	Laser ablation, radiofrequency ablation, surgery and ultrasound guided foam sclerotherapy: what do the new guidelines say and how do we apply it in practice? A Giannoukas (Greece)
15.30	Compression: Messages from the International Guidelines. G Szolnoky (Hungary)
15.45	Laser crossectomy. Twelve years and 2,300 cases. I Bihari (Hungary)
16.00-16.30	View ePoster Presentations Visit Virtual Exhibition
16.30-17.50	<b>Didactic Session 2</b> (10 minute presentation, 10 minute discussion) <b>Advanced CVD, MOCA, Cyanoacrylate, New devices</b> Chair: Alun Davies (UK), G Szolnoky (Hungary)
16.30	Endovenous procedures in patients with venous ulcers. G Menyhei (Hungary)
16.50	Cost-benefit of venous stenting. C Rognoni (Italy)
17.10	MOCA: is it here to stay? A Szabó (Hungary)
17.30	Cyanoacrylate: Efficacy and Risks. T Proebstle (Germany)
17.50	Outlook into the future of VV therapy and the promise of new devices for telangiectasia. Dominik Heim (Switzerland)

FRIDAY 25 JUNE 2021

08.30-10.30	<b>Abstract Session 3:</b> (10 minute presentation, 10 minute discussion) <b>Miscellaneous</b> Chair: Mark Malouf (Australia), Armando Mansilha (Portugal)
08.30 3.1	<b>The evolution of venous symptoms after interventional treatment for varicose veins.</b> Lobastov Kirill; Bargandzhiya Astanda; Laberko Leonid; Dvornikov Anton. Pirogov Russian National Research Medical University, Moscow, Russia
08.50 3.2	<b>V-move 2 v-care project: veines-QOL questionnaire was a valuable tool in assessing quality of life for patients presenting with venous ulcer in India over a 2-year period.</b> Jindal Ravul <sup>1</sup> ; Gupta P <sup>2</sup> ; Dekiwadia Devendra <sup>3</sup> . <sup>1</sup> Fortis Hospital, Mohali, India; <sup>2</sup> Private, Mumbai, India; <sup>3</sup> Dekiwadia Hospital, Rajkot, India
09.10 3.3	<b>Evaluation of microvalve alteration and assessment of MPFF treatment in an experimental model of venous hypertension.</b> Bouskela, Eliete <sup>1</sup> ; Garcia de Almeida Cyrino, Fatima Zely <sup>1</sup> ; Blanc-Guillemaud, Vanessa <sup>2</sup> ; Cardiovascular and Metabolic Diseases Center for Therapeutic Innovation; Lucien, Arnaud <sup>2</sup> ; Cardiovascular and Metabolic Diseases Center for Therapeutic Inn <sup>1</sup> Laboratory for Clinical and Experimental Research on Vascular Biology, Biomedical Center, State University of Rio de Janeiro, Rio de Janeiro, Brazil; <sup>2</sup> Institut de Recherches Internationales Servier (I.R.I.S.), Suresnes Cedex, France
09.30 3.4	<b>The impact of lower body compression garment on left ventricular rotational mechanics in patients with secondary leg lymphedema and lipedema.</b> Szolnok, Gyoza <sup>1</sup> ; Kormányos, Árpád <sup>2</sup> ; Domsik, Péter <sup>2</sup> ; Kalapos, Anita <sup>2</sup> ; Kemény, Lajos <sup>1</sup> ; Forster, Tamás <sup>2</sup> ; Nemes, Attila <sup>2</sup> ; <sup>1</sup> Department of Dermatology and Allergology; <sup>2</sup> 2nd Department of Medicine and Cardiology Centre, University of Szeged, Szeged, Hungary
09.50 3.5	<b>Factors, which are secreted by the venous endothelium upon exposure to oscillatory shear stress, affect adjacent cell layers of the vein wall.</b> Smetanina Mariia <sup>1</sup> ; Shirshova Arina <sup>2</sup> ; Zolotukhin Igor <sup>3</sup> ; Shevela Andrey <sup>1</sup> Filipenko Maxim <sup>1</sup> . <sup>1</sup> Laboratory of Pharmacogenomics, Institute of Chemical Biology and Fundamental Medicine (ICBFM); Novosibirsk State University (NSU), Novosibirsk, Russia; <sup>2</sup> Institute of Chemical Biology and Fundamental Medicine (ICBFM), Novosibirsk, Russia; <sup>3</sup> Faculty of Surgery, Medical Department, Pirogov Russian National Research Medical University (RNRMU); Institute of Chemical Biology and Fundamental Medicine (ICBFM), Moscow, Russia <b>Submitted for the EVF Prize</b>
10.10 3.6	<b>Could it be effective? Non-inferiority randomised trial of new type of compression stockings</b> Demekhova, Marina <sup>1</sup> ; Zolotukhin, Igor <sup>2</sup> ; Ilyukhin, Evgeny <sup>1</sup> ; Sonkin, Igor <sup>3</sup> ; Zakharova, Elena <sup>2</sup> ; Kiseleva, Ekaterina <sup>3</sup> ; Efremova, Oksana <sup>2</sup> ; Gavrilov, Evgenii <sup>4</sup> <sup>1</sup> Medalp clinic, Saint Petersburg, Russia; <sup>2</sup> Pirogov Russian National Research Medical University, Moscow, Russia; <sup>3</sup> Road Clinical Hospital of Russian Railways, Saint Petersburg, Russia; <sup>4</sup> Military Medical Academy, Saint Petersburg, Russia <b>Submitted for the EVF Prize</b>
10.30-11.00	View ePoster Presentations and visit Virtual Exhibition
11.00-12.00	<b>Industry Session 2: Pierre Fabre</b> Oedema in CVD: Clinical Perspectives and Management Chair: Imre Bihari (Hungary), Jean-Jérôme Guex (France)
11.00	Pathophysiology of oedema. Gyoza Szolnok (Hungary)
11.15	Oedema from a clinical perspective: prevalence, level of risk of developing oedema, risk factors, differences/overlaps between sensation of swelling and oedema, signs/symptoms. Arkadiusz Jawien (Poland)
11.30	Benefits of Ruscus on oedema. Jean-Jérôme Guex (France)
11.45	Questions and Answers
12.00-12.30	<b>EVF Invited Lecture</b> Chair: I Bihari (Hungary) Introduction by Imre Bihari
12.00-12.30	The Best Vein Care is the Only Vein Care to be Considered. P Gloviczki (USA)
12.30-13.00	<b>Didactic Session 3</b> (10 minute presentation, 5 minute discussion) <b>New Messages on VTE</b> Chair: Stavros Kakkos (Greece), Athanasios Giannoukas (Greece)
12.30-12.45	Efficacy of adjunctive IPC to standard prophylaxis of post-operative VTE in patients at extremely high risk. Kirill Lobastov (Russia)

12.45-13.00	Adverse vascular effects of COVID-19 and VTE. Andrew Nicolaides (Cyprus)
13.00-14.00	<b>View ePoster Presentations</b> (4 minute presentations) See separate page for programme.
13.00-14.00	Visit Virtual Exhibition
14.00-15.00	<b>EVF Annual General Meeting (Members Only)</b> <b>Joint EVF/AVF Session</b> (10 minute presentations, 5 minute discussion)
15.00-16.00	<b>Current Controversies</b> Chair: Peter Gloviczki (USA), Z Pecsvarady (Hungary)
15.00	Iliac vein stenting for patients with the PTS. S Black (UK)
15.15	Thrombolysis in the prevention of PTS. N Baekgaard (Denmark)
15.30	How can infra-inguinal duplex be optimized to detect proximal iliac vein obstruction? Elna Masuda (USA)
15.45	Physician, Heal Thyself. Brajesh Lal (USA)
16.00-16.30	Visit ePoster Presentations Visit Virtual Exhibition
16.30-17.30	<b>Industry Session 3: Alfasigma</b> <b>Venous patients: Facing the current clinical challenges</b> Chair: A Nicolaides, S Kakkos
16.30	New perspectives on pathophysiology and investigation. A Nicolaides (Cyprus)
16.50	Sulodexide in early stages of COVID-19 patients: A randomised controlled trial. A Gonzales Ochoa (Mexico)
17.10	Challenges in the treatment of symptomatic CVD patients in our daily practice. A Mansilha (Portugal)
17.30-18.00	<b>Prize winning papers from the Japanese Society of Phlebology and American Venous Forum</b> (10 minute presentation, 5 minute discussion) Chair: Bo Eklof (Sweden), Brajesh Lal (USA)
17.30-17.45 Pr1	<b>Definite diagnosis of lymphedema using lymphatic echography.</b> Hisako Hara, Makoto Mihara. Department of Lymphatic and Reconstructive Surgery, JR Tokyo General Hospital, Tokyo, Japan
17.45-18.00 Pr2	<b>Investigating a role for platelets in venous in-stent stenosis in patients with post-thrombotic syndrome</b> <sup>1</sup> Gwozdz AM, <sup>1</sup> Black SA, <sup>1</sup> Morris R, <sup>1</sup> Messiha S, <sup>1</sup> Ikram M, <sup>2</sup> Bye AP, <sup>2</sup> Gibbins JM, <sup>3</sup> Rand ML, <sup>1</sup> Patel AS, <sup>1</sup> Modarai BM, <sup>1</sup> Smith A, <sup>1</sup> Saha P. <sup>1</sup> Academic Department of Vascular Surgery, Section of Vascular Risk and Surgery, School of Cardiovascular Medicine and Science, St Thomas' Hospital, King's College London, UK, <sup>2</sup> Institute for Cardiovascular and Metabolic Research, School of Biological Sciences, University of Reading, UK, <sup>3</sup> Division of Hematology/Oncology, The Hospital for Sick Children, Toronto, Canada
18.00	<b>Awards Ceremony</b> Join us to find out the winners of the EVF Prizes and the EVF Poster Prize. Two Honorary Memberships of the EVF will also be announced.

## SATURDAY 26 JUNE 2021

08.30-10.30	<b>Abstract Session 4:</b> (10 minute presentation, 10 minute discussion) <b>Sclerotherapy, laser, Glue</b> Chair: Jean-Jerome Guex (France), I Rozsos (Hungary)
08.30 4.1	<b>The effect of the length and caliber of the needle on the stability of sclerosant foam.</b> Simka Marian; Hobot Jacek; Skuła Marcin Department of Anatomy, University of Opole, Opole, Poland
08.50 4.2	<b>Endovenous laser ablation (EVLT) with simultaneous sclerotherapy as a comprehensive approach to superficial venous pathology treatment.</b> Jaworucka- Kaczorowska Aleksandra. Center of Phlebology and Aesthetic Medicine, Gorzów Wlkp., Poland
09.10 4.3	<b>Incidence of nerve injury after endovenous laser ablation for incompetent great saphenous veins.</b> Utoh Junichi <sup>1</sup> ; Utoh Mei <sup>1</sup> ; Tsukamoto, Yoshiharu <sup>2</sup> <sup>1</sup> Kumamoto Vascular Clinic, Kumamoto, Japan; <sup>2</sup> Kikuchi Central Hospital, Kikuchi, Japan
09.30 4.4	<b>Relevance of systematic vascular ultrasound evaluation post foam sclerotherapy procedures.</b> Heil Arostegui Pacheco Carolina; Arêas Marques Marcos; de Matos Milhomens Ana Leticia; Lascasas

Porto Carmen Lucia; Santos Miller Cintia; de Oliveira Chimeli Luisa; Tiemi Kano Silva Aline; Souza de Oliveira Lais; de Miranda Vieira Juliana.

State University of Rio de Janeiro, Rio de Janeiro, Brazil

09.50 4.5	<b>Comparison of laser and glue in perforator vein treatment.</b> Bihari, Peter <sup>1</sup> ; Ayoub, George <sup>1</sup> ; Bihari, Imre <sup>2</sup> <sup>1</sup> A+B Clinic, Budapest, Hungary; <sup>2</sup> A and B Clinic, Budapest, Hungary
10.10 4.6	<b>Reducing hyperpigmentation after sclerotherapy (RHYAS) study: results of a multicenter, controlled, randomized clinical trial.</b> Gonzalez Ochoa, Alejandro <sup>1</sup> ; Carrillo Joaquin <sup>2</sup> ; Manriquez Diana <sup>2</sup> ; Nuricumbo Alejandro <sup>3</sup> <sup>1</sup> Hospital General Zona #12 Instituto Mexicano Seguro Social, San Luis Rio Colorado, Mexico; <sup>2</sup> Vascular Surgery, Instituto Seguridad Social al Servicio de Trabajadores del Estado, Mexicali, Mexico; <sup>3</sup> Vascular Surgery, Instituto Seguridad Social al Servicio de Trabajadores del Estado de Baja California, Mexicali, Mexico
10.30-11.00	View ePoster Presentations and visit Virtual Exhibition
11.00-12.00	<b>Didactic Session 4.</b> (10 minute presentation, 5 minute discussion) <b>Varicose vein recurrence, Compression, DOAC</b> Chair: Marzia Lugli (Italy), G Menyhei (Hungary)
11.00	A score system to predict varicose vein recurrence. I Bihari (Hungary)
11.15	Small saphenous vein treatment issues. F Zernovicky (Slovakia)
11.30	UEMS European Board of Phlebology. JJ Guex (France)
11.45	Phlebology training: instructions for trainers and trainees. O Maleti (Italy)
12.00-13.00	<b>Abstract Session 5: 4 papers</b> (10 minute presentation, 5 minute discussion) <b>Laser, Pathophysiology of CVD; Villalta Scale</b> Chairmen: Marianne Vandendriessche (Belgium), Eberhard Rabe (Germany)
12.00 5.1	<b>Russian sulfacrylate glue (Venoglue<sup>rus</sup>). History, present and future</b> E.V.Shaydakov <sup>1</sup> , A.B.Sannikov <sup>2</sup> , D.S. Sergeevichev <sup>3</sup> <sup>1</sup> PetroState University, Petrozavodsk, Saint-Petersburg, Russia <sup>2</sup> Medical Center "Palitra", Vladimir, Russia <sup>3</sup> National medical research center for Circulation Pathology n. E. N. Meshalkin, Novosibirsk, Russia
12.15 5.2	<b>Will padding the leg to a perfect circular shape give an even pressure during compression treatment?</b> Lundh Torbjörn <sup>1</sup> ; Baaz, Marcus <sup>2</sup> ; Nilsson Andreas <sup>3</sup> <sup>1</sup> Mathematical Sciences, Chalmers University of Technology and University of Gothenburg, Gothenburg, Sweden; <sup>2</sup> University of Gothenburg, Gothenburg, Sweden; <sup>3</sup> PressCise, Herrljunga, Sweden
12.30 5.3	<b>Post-thrombotic syndrome in patients with double popliteal vein.</b> Minkova Boryana <sup>1</sup> ; Dimitrov Svetoslav <sup>2</sup> ; Daskalov Alexandar <sup>1</sup> ; Vassil, Chervenkov <sup>1</sup> . <sup>1</sup> Vascular Surgery, Acibadem City Clinic Tokuda Hospital, Sofia, Bulgaria; <sup>2</sup> Vascular and Endovascular Surgery, Saint Ekaterina University Hospital, Sofia, Bulgaria
12.45 5.4	<b>Mathematical modeling of the venous walls' and valves' deformations.</b> Goranova Elena <sup>1</sup> ; Nikolov Nikola <sup>2</sup> . <sup>1</sup> Medical institute, Sofia, Bulgaria; <sup>2</sup> Fluids Mechanic Department, Bulgarian Academy of Sciences, Sofia, Bulgaria
13.00-14.15	<b>Joint EVF/BVF Session</b> (10 minute presentation, 5 minute discussion) Chair: Elena Goranova (Bulgaria), Athanasios Giannoukas (Greece)
13.00	Update on the use of DOACs in cancer patients. Larisa Chernukha (Ukraine)
13.15	Haemodynamic assessment of outflow obstruction. Andrew Nicolaides (Cyprus)
13.30	Optimizing outcomes in acute DVT intervention. Efthymios Avgerinos (Greece & USA)
13.45	The ideal treatment of iliofemoral DVT. Mehmet Kurtoglu (Turkey)
14.00	Discussion
14.15	End of meeting. Winners of the Venous Masters Golf Scavenger Hunt and Winner Venous Exhibition Quiz will be announced. Presentation of 2022 Meeting