

## 13:00 - 14:00 ePOSTERS

### Room: B, C, E, F – first floor

Chairperson(s): Andrew Nicolaides (Cyprus), Efthymios Avgerinos (Greece), Erika Mendoza (Germany), Attilio Cavezzi (Italy)

#### eP01

Minimally Invasive Procedures for Pelvic Origin Varicose Veins  
Aleksandra Jaworucka- Kaczorowska\*  
Jaworuccy Surgery and Gynecology Center, Gorzów Wlkp., Poland

#### eP02

TIME DRIVEN ACTIVITY BASED COSTING FOR CAPTURING THE COMPLEXITY OF HEALTHCARE PROCESSES: THE CASE OF MANAGEMENT OF PATIENTS WITH DEEP VEIN THROMBOSIS AND LEG ULCERS  
Carla Rognoni\*<sup>1</sup>; Alessandro Furnari<sup>1</sup>; Marzia Lugli<sup>2</sup>; Oscar Maletti<sup>2</sup>; Alessandro Greco<sup>3</sup>; Rosanna Tarricone<sup>4</sup>  
<sup>1</sup>SDA Bocconi School of Management, Milan, Italy; <sup>2</sup>National Reference Training Center in Phlebology (NRTCP), Vascular Surgery - Cardiovascular Dept., H, Modena, Italy; <sup>3</sup>Centro Ulcere Cutanee, ASL Frosinone, Frosinone, Italy, Frosinone, Italy; <sup>4</sup>Department of Policy Analysis and Public Management, Bocconi University, Milan, Italy, Milan, Italy

#### eP03

Risk of Recurrent Thromboembolic Events in Patients with Superficial Vein Thrombosis Treated with Intermediate Doses of Tinzaparin  
Christos Karathanos\*<sup>1</sup>; Konstantinos Spanos<sup>1</sup>; Vasilios Saleptsis<sup>1</sup>; Christos Ioannou<sup>2</sup>; Spiridon Vasdekis<sup>3</sup>; Stavros Kakkos<sup>4</sup>; Athanasios Giannoukas<sup>1</sup>  
<sup>1</sup>University General Hospital of Larissa, Larissa, Greece; <sup>2</sup>University Hospital of Heraklion, Heraklion, Greece; <sup>3</sup>University Hospital Attikon, Athens, Greece; <sup>4</sup>University Hospital of Patra, Patra, Greece

#### eP04

Effectiveness of Cryo-Laser and Cryo-Sclerotherapy (CLACS) Compared with Micro Sclerotherapy for Telangiectasia  
Dmitrii Rosukhovskij\*  
FSBSO Institute of Experimental Medicine, St Petersburg, Russia

#### eP05

Radiofrequency Ablation for Axial Reflux Associated with Foam Sclerotherapy for Varicosities in One-step Approach: A Prospective Cohort Study Comprising Large Diameters Saphenous Veins  
Douglas Poschinger-Figueiredo\*<sup>1</sup>; Monica Rochedo Mayall; Clovis Bordini Racy Filho; Yanna Thomaz; Eduardo de Oliveira Rodrigues Neto; Lívia Ramos Carvalho Marchon; Cristiane Ferreira Araujo-Gomes; Carlos Eduardo Virgini-Magalhães  
Rio de Janeiro State University (UERJ - HUPE), Rio de Janeiro, Brazil

#### eP06

THE NATURE OF THE VARICOSE VEIN DISEASE RECURRENCE AFTER ENDOVASAL THERMAL ABLATION INTERVENTIONS.  
Elena Burleva\*<sup>1</sup>; Sergey Belentsov<sup>2</sup>; Maria Onokhina<sup>1</sup>; Sergey Tyurin<sup>3</sup>  
<sup>1</sup>Ural State Medical University, Yekaterinburg, Russia; <sup>2</sup>Angioline Medical Center, Yekaterinburg, Russia; <sup>3</sup>OLMED Medical Center, Yekaterinburg, Russia

#### eP07

Endovenous Thermal Ablation For Treatment Of Symptomatic Varicose Veins During Summer Time: Hot Or Not  
Elisa Teruzzi\*<sup>1</sup>; Patricia Boesch<sup>2</sup>; Manuel Hofer<sup>3</sup>; Daniel Staub<sup>4</sup>; Hak Hong Keo<sup>5</sup>; Heiko Uthoff<sup>3</sup>  
<sup>1</sup>Gefaesspraxis am See - Lakeside Vascular Center Lucerne, Lucerne, Switzerland; <sup>2</sup>Gefässspraxis am See - Lakeside Vascular Center, Lucerne, Switzerland; <sup>3</sup>Gefaesspraxis am See - Lakeside Vascular Center, Lucerne, Switzerland; <sup>4</sup>University Hospital Basel, Basel, Switzerland; <sup>5</sup>Vascular Institute Central Switzerland, Aarau, Switzerland

#### eP08

9-YEAR-LONG ANALYSIS OF ADVERSE EVENTS OF SCLEROTHERAPY IN A SINGLE CENTER (2013-2022).  
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

#### eP09

The Simulator for Elastic Bandage Applying Skills Development  
Ernest Shcheglov\*<sup>1</sup>; Natalia Alontseva<sup>2</sup>  
<sup>1</sup>Petrozavodsk State University, Petrozavodsk, Russia; <sup>2</sup>First Aid Hospital, Petrozavodsk, Russia

### eP10

The Single Center Investigation of Knee Phleboarthritis Patients Quality of Life

Ernest Shcheglov\*<sup>1</sup>; Natalia Alontseva<sup>2</sup>

<sup>1</sup>Petrozavodsk State University, Petrozavodsk, Russia; <sup>2</sup>First Aid Hospital, Petrozavodsk, Russia

### eP11

Utilization of Glue Adhesives for Obliteration of The Principal Protuberant Varicosities. The Multicenter Comparative Investigation

Evgeny Shaidakov\*<sup>1</sup>; Alexander Sannikov<sup>2</sup>; Sergey Belentsov<sup>3</sup>

<sup>1</sup>National Investigation Center, Saint Petersburg, Russia; <sup>2</sup>University, Vladimir, Russia; <sup>3</sup>MC Angio Line, Ekaterinburg, Russia

### eP12

Emerging Mechanisms of Sulodexide as Anti-ETosis Agent In Vascular Biology: A Modulator of The Thrombotic, Inflammatory and Proteolytic Processes

Ferdinando Mannello\*; Rosanna Maniscalco; Sabrina Burattini; Chiara Della Franca; Daniela Ligi

University of Urbino Carlo Bo, Urbino, Italy

### eP13

Endovenous Thermal Ablation for Treatment of Symptomatic Varicose Veins -- Occupational Effects on Procedure Outcomes

Manuel Hofer\*<sup>1</sup>; Patricia Boesch<sup>1</sup>; Elisa Teruzzi<sup>1</sup>; Daniel Staub<sup>2</sup>; Hak Hong Keo<sup>3</sup>; Heiko Uthoff<sup>1</sup>

<sup>1</sup>Gefaesspraxis am See - Lakeside Vascular Center, Lucerne, Switzerland; <sup>2</sup>University Hospital Basel, Basel, Switzerland; <sup>3</sup>Vascular Institute Central Switzerland, Aarau, Switzerland

### eP14

Long-term Results of Minimally Invasive Deep Venous Reflux Correction in Patients with Post-thrombotic Syndrome

Igor Suchkov\*; Roman Kalinin; Nina Mzhavanadze; Ruslan Khashumov; Ivan Shanaev

Ryazan State Medical University, Ryazan, Russia

### eP15

Duplex Ultrasound Parameters Associated with The Severity of Clinical Manifestations in Patients with Varicose Veins

Igor Suchkov\*<sup>1</sup>; Roman Kalinin<sup>1</sup>; Nina Mzhavanadze<sup>1</sup>; Victor Korbut<sup>2</sup>; Ivan Shanaev<sup>1</sup>

<sup>1</sup>Ryazan State Medical University, Ryazan, Russia; <sup>2</sup>Ryazan Regional Clinical Cardiological Dispensary, Ryazan, Russia

### eP16

THE EFFECT OF PREGNANCY ON LASER CROSSECTOMY RESULTS

Imre Bihari\*

Semmelweis University St Rokus Clinical Block, Budapest, Hungary

### eP17

The Association Between Duration of Anticoagulation Therapy and The Risk of Venous Thromboembolism in Patients with Lower Limb Superficial Venous Thrombosis: A Systematic Review and Meta-analysis

Kirill Lobastov\*; Ilya Schastliltsev; Astanda Bargandzhiya

Pirogov Russian National Research Medical University, Moscow, Russia

### eP18

Caprini Score Predicts Endothermal Heat-induced Thrombosis, But Not Symptomatic Venous Thromboembolism After Superficial Vein Ablation

Maria Shaldina\*<sup>1</sup>; Athena Matveeva<sup>2</sup>; Anna Kovalchuk<sup>2</sup>; Denis Borsuk<sup>3</sup>; Ilya Schastliltsev<sup>2</sup>; Leonid Laberko<sup>2</sup>; Alexey Fokin<sup>1</sup>; Kirill Lobastov<sup>2</sup>

<sup>1</sup>South Ural State Medical University, Chelyabinsk, Russia; <sup>2</sup>Pirogov Russian National Research Medical University, Moscow, Russia; <sup>3</sup>Clinic of phlebology "VenoClinica", Chelyabinsk, Russia

### eP19

Development of End-to-end Vein Anastomosis Technology with High-frequency Electric Current

Victor Chernyak\*<sup>1</sup>; Kostiantyn Karpenko<sup>2</sup>

<sup>1</sup>Taras Shevchenko National University, Kyiv, Ukraine; <sup>2</sup>National Military Medical Center, Kyiv, Ukraine

### eP20

Technique, Safety, And Early Efficacy of Endovenous Laser Ablation for Morphologically Complex Recurrences of The Small Saphenous Vein (SSV)

Lars Müller\*; Syrus Karsai; Jens Alm

Dermatologikum Hamburg GmbH, Hamburg, Germany

### eP21

Characteristics And Outcomes Of Catheter-directed Thrombolysis Protocols For Deep Venous Thrombosis Of The Lower Extremities -- A Systematic Review And Meta-analysis

Luís Duarte-Gamas\*<sup>1</sup>; Filipa Jácome<sup>1</sup>; Lara Dias<sup>1</sup>; João Rocha-Neves<sup>1</sup>; Kak K. Yeung<sup>2</sup>; Niels Baekgaard<sup>3</sup>; Marina Dias-Neto<sup>4</sup>

<sup>1</sup>Centro Hospitalar Universitário São João, Porto, Portugal; <sup>2</sup>Amsterdam University Medical Center, Amsterdam, Netherlands; <sup>3</sup>Gentofte Hospital and Rigshospitalet, Copenhagen, Denmark; <sup>4</sup>Faculty of Medicine of Porto, Porto, Portugal

### eP22

Comparison of Radiofrequency Ablation (RFITT) And Glue Chemical Ablation (GCA) For Incompetence of Vena Saphena Magna Et Parva: A Single Center Experience.

Maria Rosa Dassatti; David Mazzoni; Stefan Haumer\*  
Krankenhaus Schlanders, Schlanders (Bz), Italy

### eP23

Epigenome-wide Changes in The Cell Layers of The Vein Wall, When Exposing the Venous Endothelium to Oscillatory Shear Stress

Mariya A. Smetanina\*<sup>1</sup>; Valeria A. Korolenya<sup>1</sup>; Alexander E. Kel<sup>2</sup>; Ksenia S. Sevostyanova<sup>1</sup>; Konstantin A. Gavrilov<sup>1</sup>; Andrey I. Shevela<sup>1</sup>; Maxim L. Filipenko<sup>1</sup>

<sup>1</sup>Institute of Chemical Biology and Fundamental Medicine (ICBFM) SB RAS; Novosibirsk State University, Novosibirsk, Russia; <sup>2</sup>geneXplain GmbH, Wolfenbu"ttel, Germany

### eP24

Patients' And Physicians' Perspectives About The Impact Of Chronic Venous Disease (CVD) On Quality Of Life

Fabricio Rodrigues Santiago\*<sup>1</sup>; Jorge Ulloa<sup>2</sup>; Catherine Régnier<sup>3</sup>; Emilie Braund<sup>4</sup>; Sergio Giancesini<sup>5</sup>

<sup>1</sup>Federal University of Goiás, Goiás, Brazil; <sup>2</sup>Vascular Foundation, Santa Fé of Bogota, Bogota, Colombia; <sup>3</sup>Servier International, Suresnes, France; <sup>4</sup>Research Partnership Ltd, London, UK; <sup>5</sup>University of Ferrara, Ferrara, Italy

### eP25

A Clinical Trial in Chronic Venous Disease Comparing MPFF 500 Mg Twice Daily to A New Once Daily Chewable Tablet. The CHEWY Study.

Armando Mansilha\*<sup>1</sup>; Arnaud Lucien<sup>2</sup>; Alexandr Kirienko<sup>3</sup>

<sup>1</sup>University of Porto - Faculty of Medicine, Porto, Portugal; <sup>2</sup>Institut de Recherches Internationales Servier, Suresnes, France; <sup>3</sup>N.I. Pirogov's Russian National Research Medical University, Moscow, Russia

### eP26

EFFECT OF DIFFERENT TREATMENT OPTIONS ON BIOMARKERS OF VENOUS INFLAMMATION IN PATIENTS WITH VARICOSE VEINS

Igor A Suchkov; Roman E Kalinin; Aleksey A Kamaev; Nina Mzhavanadze\*

Ryazan State Medical University, Ryazan, Russia

### eP27

Beneficial Effect of Micronized Purified Flavonoid Fraction (MPFF) In an Experimental Model of Chronic Venous Disease Associated with Reduction in Vein Wall Tension

Eliete Bouskela\*<sup>1</sup>; Vanessa Blanc-Guillemaud<sup>2</sup>; Fatima Z.G.A. Cyrino<sup>1</sup>; Eric Mayoux<sup>2</sup>

<sup>1</sup>Universidade do Estado do Rio de Janeiro (UERJ), Rio de Janeiro, Brazil; <sup>2</sup>Institut de Recherches Internationales Servier, Suresnes, France

### eP28

SULODEXIDE IMPROVES CAPILLARY BLOOD FLOW AND THE QUALITY OF LIFE IN PATIENTS WITH RAYNAUD SYNDROME.

Michal Juszynski\*; Grzegorz Madycki; Piotr Glinicki

Centre of Postgraduate Medical Education, Warsaw, Poland

### eP29

Segmental Occlusion After Cyanoacrylate Adhesive Closure for Saphenous Vein Reflux Prevents the Recurrence of Symptoms

Naoki Sakakibara\*<sup>1</sup>; Rie Yagi<sup>2</sup>; Tomohiro Imai<sup>3</sup>; Minoru Tabata<sup>2</sup>

<sup>1</sup>Edogawa Hospital, Tokyo, Japan; <sup>2</sup>Juntendo University graduate school of Medicine, Tokyo, Japan; <sup>3</sup>Tokyo Vascular & Vein Clinic, Tokyo, Japan

### eP30

Impact of Surgical Deprogramming and Containment on The Outcome of Chronic Venous Disease During The COVID-19 Containment Period in The Year 2020.

Nicolas Néaume\*<sup>1</sup>; Matthieu Josnin<sup>2</sup>

<sup>1</sup>Société Française de Phlébologie, Toulouse, France; <sup>2</sup>Société Française de Phlébologie, La Roche sur Yon, France

### eP31

The Use Of Parnaparin Sodium For Treatment Of Superficial Vein Thrombosis During Pregnancy.

Olga Dzhenina\*<sup>1</sup>; Vadim Bogachev<sup>2</sup>

<sup>1</sup>First Phlebological Centre, Moscow, Russia; <sup>2</sup>Russian National Research Medical University Named After N.I.Pirogov, Moscow, Russia

### eP32

Perforator Veins Cyanoacrylate Obliteration in The Mesofascial Segment in The Treatment of Long Standing Venous Ulcers.

Pavel Turkin\*; Boris Boldin; Vadim Bogachev; Anna Slesareva

Pirogov Russian National Research Medical University (Pirogov Medical University), Moscow, Russia

### eP33

Minimally Invasive Techniques for The Treatment of Venous Malformation  
Sergey Sapelkin\*; Natalya Druzhinina; Andrey Chupin; Irina Timina  
The National Medical Research Center of Surgery n.a. A.V. Vishnevsky, Moscow, Russia

### eP34

Features of The Clinical Course of Chronic Venous Insufficiency in Patients With Morbid Obesity (BMI>40kg/m<sup>2</sup>)  
Alexander Khitaryan\*<sup>1</sup>; SS Burtsev<sup>2</sup>; AA Orekhov<sup>2</sup>; KS Veliev<sup>2</sup>; AA Ledenev<sup>2</sup>  
<sup>1</sup>Rostov State Medical University, Rostov-on-Don, Russia; <sup>2</sup>Clinical Hospital Railway-Medicine, Rostov-on-Don, Russia

### eP35

Radial Laser Therapy With 1940 Nm Compared To 1470 Nm - What Makes the Difference?  
Thomas Weiler\*  
Venenzentrum Pforzheim, Pforzheim, Germany

### eP36

Venous Disorders as An Occupational Disease: Data, Pathophysiology, And Modification Strategies  
Tobias Hirsch\*<sup>1</sup>; Uwe Wahl<sup>2</sup>  
<sup>1</sup>Practice for Internal Medicine and Vascular Diseases, Halle, Germany; <sup>2</sup>BG Hospital Bergmannstrost Halle, Halle, Germany

### eP37

Angioscopic Evaluation After Venous Stents.  
Yuji Hoshino\*; Hiroyoshi Yokoi  
Fukuoka Sanno Hospital, Fukuoka, Japan

### eP38

Prevalence of Deep Vein Disease in Patients with Chronic Venous Insufficiency: A Pragmatic Clinical Study  
Viswanath Atreyapurapu\*; Rahul Agarwal; Pradeep Burli; Prem chand Gupta; Gnaneswar Atturu  
Care Hospitals, Hyderabad, India, Hyderabad, India

### eP39

Diagnosis and Treatment of Pelvic Venous Disorders as Manifestations of Gonadal Vein Anomalies  
Olena Vlasenko; Larisa Chernukha\*  
National Institute of surgery and transplantation, Kiev, Ukraine

### eP40

BULL-HORN VENOUS INJURIES IN POPULAR CELEBRATIONS: A 40-YEARS RETROSPECTIVE ANALYSIS  
Enrique San Norberto\*<sup>1</sup>; Álvaro Revilla<sup>1</sup>; José-Antonio Brizuela<sup>1</sup>; Manuel Diez<sup>1</sup>; James Taylor<sup>2</sup>; Carlos Vaquero<sup>1</sup>  
<sup>1</sup>Valladolid University Hospital, Valladolid, Spain; <sup>2</sup>Valencia General Hospital, Valencia, Spain