39th BIANNUAL CONGRESS
BRIDGING PHLEBOLOGICAL ADVANCES TO CLINICAL PRACTICE
APRIL 26-27, 2014 — Metropolitan Hotel, Vancouver, Canada

PROGRAM CO-CHAIRMEN

Janna Bentley, Kelowna, Canada
Registered Vascular Technologist
Diplomate of the American Board of Venous and Lymphatic Medicine
Fellow of the Canadian Society of Phlebology

Pauline Raymond-Martimbeau, Dallas, USA
President of the Canadian Society of Phlebology
Board member of the American College of Phlebology Foundation
Diplomate of the American Board of Venous and Lymphatic Medicine
Fellow of the American College of Phlebology
Honorary member of the French Society of Phlebology
Honorary member of the French College of Vascular Pathology
UIP Committee of Honor

INTERNATIONAL FACULTY

Rénald Bernard, Morrison, USA
Past Director and Member of the Canadian Society of Phlebology
Member and Diplomate of the American Board of Venous and Lymphatic Medicine
Member Affiliate of California Stem cell treatment center
Medical director of Colorado Stem cell treatment center

Jean-François Uhl, Paris, France
Vascular surgeon
Special interest: Vein disease
Member of the French Academy of Surgery
Past Vice President of the French Society of Phlebology
URDIA Research unit – Anatomy – University Paris Descartes
Research director of the chair of Digital Anatomy (Unesco)
**David Wright, Camberley, United Kingdom**

Surgeon  
Special interest: Vein disease  
Fellow of Royal College of Surgeons, England  
Fellow of the Royal Society of Medicine  
Member of American College of Phlebology

**CANADIAN FACULTY**

**Joel Gagnon, Vancouver, Canada**

Vascular surgeon  
Special interest: Endovascular surgery  
Clinical Associate Professor, Vancouver General Hospital, British Columbia

**Louis Grondin, Calgary, Canada**

Diplomate of the American Board of Venous and Lymphatic disorders  
Fellow of the American College of Phlebology  
Fellow Emeritus of the Australasian Society of Phlebology  
He held the offices of president of the Canadian Society of Phlebology, and Vice-President of the International Union of Phlebology  
He serves currently as the Medical Director of the Santé Group in Calgary  
Tutor to Masters candidate in Practical Dermatology at the University of Cardiff in Wales

**Douglas Hill, Calgary, Canada**

Treasurer of the Canadian Society of Phlebology  
Diplomate of the Canadian Society of Phlebology  
Diplomate of the American Board of Venous and Lymphatic Medicine  
Fellow of the American College of Phlebology  
Member of the American Venous Forum

**David Liu, Vancouver, Canada**

Radiologist  
American Board of Radiology CAQ/MOC: Vascular/Interventional  
Clinical Associate Professor, Vancouver General Hospital, British Columbia
Pierre Malo, Vancouver, Canada
Fellow of Canadian Society of Phlebology
Exclusive Phlebologist Practitioner
Ultrasound guided surgery for varicose vein

Jeannette Soriano, Calgary, Canada
Founding Member and Past President of the Canadian Complementary Medical Association
Board Member and Vice President for ICIM International College of Integrative Medicine

Mandy Wong, Kelowna, Canada
Diplomate of the American Board of Venous & Lymphatic Medicine
Fellow of the Canadian Society of Phlebology
Diplomate of the American Board of Laser Surgery

Michel Zummo, Montreal, Canada
Member of the Advisory Board of the Canadian Society of Phlebology
Fellow Member of the Canadian Society of Phlebology
Member of the French Society of Phlebology
Diplomate of the American Board of Venous and Lymphatic Medicine

CORPORATE FACULTY

Jean-François Milot, Montreal, Canada
Ultrasound specialist
Regional Director at Esaote Canada
### Overall learning objectives:
Upon completion of this 2-day meeting, participants will be able to review and interpret basic knowledge and skills in phlebology; update and improve their ability about recent advances in the diagnosis, management, and treatment of venous disorders; and integrate new principles to improve their everyday practice of phlebology.

**Moderator:** Pauline Raymond-Martimbeau

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30</td>
<td>Registration</td>
</tr>
<tr>
<td>7:45</td>
<td>Welcome Pauline Raymond-Martimbeau</td>
</tr>
</tbody>
</table>

**Master class of venous anatomy of the lower limbs**
Jean-François Uhl

<table>
<thead>
<tr>
<th>Time</th>
<th>Module</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00</td>
<td>1</td>
<td>Embryology of the venous system of the lower limbs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Embryogenesis of the venous system and reconstructed embryos of 14 &amp; 15 W with 3D modeling</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Objectives: To review embryology of venous system and learn about 3D modeling</td>
</tr>
<tr>
<td>8:30</td>
<td>2</td>
<td>General purpose and investigation techniques</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Objectives: To learn the terminology of the veins of the lower limb, the 3 venous compartments, CT venography and 3D modeling color duplex and venous hemodynamical mapping</td>
</tr>
<tr>
<td>9:00</td>
<td>3</td>
<td>Anatomy of the superficial venous system</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Objectives: To determine the great saphenous vein territory, small saphenous vein territory and anatomy of the perforator veins</td>
</tr>
<tr>
<td>9:30</td>
<td>4</td>
<td>Anatomy of the veno-muscular pumps</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Objectives: To be able to recognize the functional anatomy of the venous return, foot, calf and thigh pumps</td>
</tr>
<tr>
<td>10:00</td>
<td>Refreshment break and exhibit</td>
<td></td>
</tr>
<tr>
<td>10:30</td>
<td>Treatment of periorbital vessels</td>
<td>Mandy Wong</td>
</tr>
<tr>
<td></td>
<td>Objectives: To learn the alternative treatment for periorbital vessels</td>
<td></td>
</tr>
<tr>
<td>10:45</td>
<td>Review of executive summary:</td>
<td>Pierre Malo</td>
</tr>
<tr>
<td></td>
<td>Antithrombotic therapy and prevention of thrombosis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Objectives: To review antithrombotic therapies and be able to prevent thrombosis</td>
<td></td>
</tr>
<tr>
<td>11:00</td>
<td>Case presentation round table</td>
<td>Jean-François Uhl, Mandy Wong, Michel Zummo</td>
</tr>
<tr>
<td></td>
<td>Pierre Malo, Jeannette Soriano</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Objectives: To recognize vein patterns and be able to choose appropriate treatment</td>
<td></td>
</tr>
<tr>
<td>11:30</td>
<td>Is there an interest in phlebology for stem cells?</td>
<td>Rénauld Bernard</td>
</tr>
<tr>
<td></td>
<td>Objectives: To learn about new advancements in medicine and see if they can be applied to phlebology</td>
<td></td>
</tr>
<tr>
<td>12:15</td>
<td>Lunch</td>
<td></td>
</tr>
</tbody>
</table>
1:30 Basic ultrasound and appropriate documentation  
Objectives: To review the basics of ultrasound and learn documentation  
Douglas Hill

1:50 Technical Ultrasound  
Objectives: To identify the functioning of ultrasound equipment and understand its limitations  
Jean-François Milot

2:25 Update on Varithena™ foam and clinical data  
Objectives: To familiarize with a new foam preparation and analyze clinical data  
David Wright

2:40 Questions and answers

3:00 Refreshment break and exhibit

3:30 How to be recognized in Canada as a “specialist” by your College and do endovenous procedures  
Objectives: To know the requirements and recommendations of your College for endovenous procedures  
Pierre Malo

3:45 From Aspirin to Xarelto: a review of antiplatelets, old anticoagulants and new anticoagulants  
Objectives: To familiarize with the mechanism of action of the newer anticoagulants, its dosage and identify the contraindications to the use of direct thrombin inhibitors  
Jeannette Soriano

4:00 Efficacy of maneuvers to restrict foam migration  
Objectives: To perform the necessary maneuvers to avoid foam migration and be aware of published data and expert opinions  
Douglas Hill

4:15 Questions and answers

4:30 Adjourn
BRIDGING PHLEBOLOGICAL ADVANCES TO CLINICAL PRACTICE

7:45 Welcome Pauline Raymond-Martimbeau

Overall learning objectives:
Upon completion of this 2-day meeting, participants will be able to review and interpret basic knowledge and skills in phlebology; update and improve their ability about recent advances in the diagnosis, management, and treatment of venous disorders; and integrate new principles to improve their everyday practice of phlebology

Moderator: Michel Zummo

Master class of venous anatomy of the lower limbs Jean-François Uhl

8:00 Module 5: The deep venous axis of the lower limb
Objectives: To identify leg veins, popliteal vein, Hunter’s canal, femoral vein and its variations and be familiar with anatomical intricacies

8:45 Module 6: Anatomy of the pelvic veins
Objectives: To recognize the anatomy of hypogastric veins and tributaries, ovarian veins and Nutcracker syndrome, connections between pelvis and lower limbs and derivation routes of the iliac veins

9:45 Module 7: The lesson of anatomy by Claude Gillot (video)
Objectives: To review the anatomy by Dr. Gillot and understand its complexity

10:00 Refreshment break

10:15 Venous hemodynamical mapping
Objectives: To be able to recognize vein patterns with the ultrasound

Moderator: Pauline Raymond-Martimbeau

10:45 Embolization of great saphenous veins with cyanoacrylate adhesive
Objectives: To present a new technique, the cyanoacrylate adhesive and discuss clinical data

11:05 Cyanoacrylate adhesive for treating venous reflux disease: a tumescentless approach Joel Gagnon
Objectives: To familiarize with a new technique and evaluate its advantages and disadvantages

11:25 Video on VenaSeal™ procedure
Objectives: To visualize the different steps of a new technique

Moderator: Michel Zummo

11:40 Case presentation round table Joel Gagnon, Louis Grondin, Douglas Hill, Dave Liu
Jean-François Uhl, Mandy Wong

12:00 Fellowship ceremony

12:10 Lunch
BRIDGING PHLEBOLOGICAL ADVANCES TO CLINICAL PRACTICE

Moderator: Louis Grondin

1:30  Best practice in treatment of the short saphenous vein  Mandy Wong
Objectives: To identify the treatment options for short saphenous vein incompetence

1:50  Update on endovenous laser  Louis Grondin
Objectives: To be informed on the latest developments of endovenous laser

2:10  A complex case of venous obstruction  Douglas Hill
Objectives: To familiarize with a rare case of vein obstruction

2:25  Nocturnal leg cramps  Jeannette Soriano
Objectives: To identify the factors contributing to nocturnal leg cramps and review the differential diagnosis and treatment options

2:45  Differential diagnoses to consider - not everything is caused by veins  Mandy Wong
Objectives: To identify differential diagnoses of symptoms and signs of leg disorders

3:05  Retrospective on truncal great saphenous vein sclerosis in Canada  Michel Zummo
Objectives: To review the evolution of truncal great saphenous vein sclerosis in Canada over the years

3:25  Questions and answers

3:45  Adjourn
CME CREDIT

This program has been accredited by The College of Family Physicians of Canada and the BC Chapter for up to **12.5 Mainpro-M1 credits**

ORGANIZATION

CANADIAN SOCIETY OF PHLEBOLOGY
424 du Domaine Street, St-Bruno, QC, Canada  J3V 2S4
Phone: (001) 514-990-8346   Fax: (001) 450-653-2534
Email: phlebology@sympatico.ca
Website: [www.canadiansocietyofphlebology.org](http://www.canadiansocietyofphlebology.org)

LOCATION

The Metropolitan Hotel Vancouver
645 Howe Street, Vancouver, BC, Canada  V6C 2Y9

FELLOWSHIP PROGRAM

The 2-day meeting attendance is mandatory toward credits for fellowship program and maintenance

HOTEL RESERVATION

The Metropolitan Hotel Vancouver
645 Howe Street, Vancouver, BC, Canada  V6C 2Y9

Reservations will be made directly on an individual basis. In order to facilitate reservations, attendees may contact the hotel directly at Metropolitan Hotel
604-687-1122    Toll free 800-667-2300    Fax 604-643-7267
Email reservations@van.metropolitan.com
It is imperative that individuals indicate their group affiliation of “**Canadian Society of Phlebology**” when making reservations.

At the time of booking, the reservation must be guaranteed with a valid credit card. If the reservation is cancelled within five days of arrival, the one night room and tax will be forfeited and charged to the credit card on file.

All reservations must be made by **Monday, March 24, 2014**. All rooms will be released after this date.