



WORLD CONGRESS OF PHLEBOLOGY

**4-8 FEBRUARY 2018
MELBOURNE**

 THE AUSTRALASIAN
COLLEGE OF PHLEBOLOGY

ULTRASOUND IN PHLEBOLOGY CERTIFICATE PROGRAM

Monday 5th – Thursday 8th February 2018

**Room 212, 216 and 220
Melbourne Convention and Exhibition Centre
Melbourne, Australia**

Faculty: Dr Stephen Black (UK), Carolynne Cormack (AUS), Dr Jason Chuen (AUS), Debbie Coghlan (AUS), Dr Paul Gagne (USA), Dr Antonios Gasparis (USA), Prof. Nicos Labropoulos (USA), Dr Luis Leon (USA), Warren Lewis (AUS), Dr Darryl Lim (Singapore), Lyndal Macpherson (AUS), Virginia Makeham (AUS), Dr Sriram Narayanan (Singapore), Jenny Parkes (AUS), Yana Parsi (AUS), Prof. Fausto Passariello (ITA), Jacqueline Robinson (AUS), Dr Prakash Saha (UK), Michelle Short (AUS), Dr George Somjen (AUS), Prof. Ian Spark (AUS), Dr Paul Thibault (AUS), Dr Laurencia Villalba (AUS), Anthony Wald (AUS), Louise Worley (AUS)

The UIP 2018 Ultrasound in Phlebology Certificate Program provides an interesting, comprehensive and practical experience for medical practitioners as well as sonographers using ultrasound in their daily practice.

The UIP 2018 Ultrasound in Phlebology Certificate Program will include workshops, symposia, Masterclasses as well as Hands-on Training Sessions (HOTS) spanning over 4 days. At the completion of the 4-day Program a **Certificate of Completion: Applications of Ultrasound in Phlebology** will be awarded. Attendance at 10 out of 12 programmed sessions is required for the certificate to be awarded.

Monday program covers all you need to know about intravascular ultrasound (IVUS). The IVUS Program is proudly sponsored by Philips Volcano and the teaching will be provided by an expert international faculty including Prof. Nicos Labropoulos (USA), Dr Stephen Black (UK) and Dr Paul Gagne (USA).

Tuesday program will include an accredited course on IVUS aimed at doctors with experience of or wanting to build a deep venous service. This is followed by workshops covering all aspects of venous ultrasound. The Program Chair is Prof. Nicos Labropoulos joined by an expert international faculty including Dr Luis Leon (USA) and Dr Tony Gasparis (USA).

Wednesday program starts with a Masterclass on Vascular Access and continues with an exciting program put together by our sister societies, the **Australasian Society for Ultrasound in Medicine (ASUM)** and the **Australasian Sonographers Association (ASA)**. This program covers an interesting range of topics such as vascular access, MSK, 'funky' soft tissue masses and point of care ultrasound.

Thursday program includes four Hands-on Training Sessions (HOTS) dedicated to practical applications of duplex ultrasound in phlebology. The number of participants is limited to allow direct interaction with the instructors. Given the limited available spots, HOTS allocations will be made on a first-in first-served basis.

** Program is subject to change*

DAY 1 – MONDAY 5 FEBRUARY 2018

SYMPOSIUM

Intravascular Ultrasound (IVUS)

Room 212

Proudly sponsored by Philips Volcano

Chair: Prof. Nicos Labropoulos (USA)

Moderators: Dr Stephen Black (UK), Dr Laurencia Villalba (AUS)

Faculty Members: Dr Stephen Black (UK), Dr Paul Gagne (USA), Dr Antonios Gasparis (USA), Dr Sriram Narayanan (Singapore), Prof. Ian Spark (AUS), Dr Luis Leon (USA), Dr Laurencia Villalba (AUS)

Session 1 Intravascular Ultrasound (IVUS)– Diving deep at UIP

1400–1600

1400–1410	Patterns of chronic venous obstruction	Prof. Nicos Labropoulos
1410–1420	Lessons learned from the VIDIO trial and what is next	Dr Paul Gagne
1420–1430	Clinical case presentation on IVUS	Dr Sriram Narayanan
1430–1440	Interpreting venous pathology with IVUS	Dr Stephen Black
1440–1450	Using IVUS for stent sizing and placement	Dr Antonios Gasparis
1450–1500	Clinical case presentation on IVUS	Prof. Ian Spark
1500–1510	IVC Obstruction	Dr Luis Leon
1510–1520	Tips and tricks for getting the best of IVUS	Dr Paul Gagne & Dr Stephen Black
1520–1530	Revalidation of Transabdominal Duplex Criteria for the Detection of Iliac Vein Lesions	Dr Laurencia Villalba
1530–1540	Clinical quiz – Test your knowledge on deep veins	Prof. Nicos Labropoulos
1540–1600	Panel Discussion	

DAY 2 – TUESDAY 6 FEBRUARY 2018

MASTERCLASS

Room 220

0700–0800 Interpreting Venous Mapping for CHIVA

Faculty Member: Dr Massimo Capelli (Italy)

Description:

- Cure Conservatrice et Hemodynamique de l'Insuffisance Veineuse en Ambulatoire (**C.H.I.V.A**) is a surgical method that aims to achieve haemodynamic correction of primary varicose veins
- This Masterclass will review CHIVA, its history and treatment strategies as it relates to duplex ultrasound findings

ACCREDITED COURSE

Room 214

1640–1840 IVUS Peripheral Venous Accredited Course

Course Directors: Dr Stephen Black and Dr Paul Gagne

Description:

- Intravascular Ultra Sound (IVUS) is an essential part of a comprehensive venous service.
- This course will cover all aspects of the use of IVUS – when, where, how.
- This course is aimed at doctors with experience of or wanting to build a deep venous service.

DAY 2 – TUESDAY 6 FEBRUARY 2018

SYMPOSIUM AND LIVE SCANNING WORKSHOP

Duplex Ultrasound in Phlebology

Room 220

Proudly sponsored by Canon Medical Systems

Canon

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Course Director: Prof. Nicos Labropoulos (USA)

Chair: Dr George Somjen (AUS)

Program Coordinator: Yana Parsi (AUS)

Patient Coordinator: Parvane Aghajani (AUS)

Session 1 Iliac Veins

0800–1000 *Proudly sponsored by Canon Medical Systems*

Sonographer: Prof. Nicos Labropoulos

Application Specialist: Donna Jones

Ultrasound System: Aplio I Series

Description:

- How to investigate for May-Thurner syndrome
- Anatomical variations
- Scanning techniques

Pelvic Veins

Proudly sponsored by Canon Medical Systems

Sonographer: Prof. Nicos Labropoulos

Application Specialist: Donna Jones

Ultrasound System: Aplio I Series

Description:

- How to investigate Pelvic Congestion Syndrome
- Ovarian and vulvar veins anatomy
- Scanning techniques

Session 2 Venous Incompetence Studies and Venous Mapping

1400–1600 *Proudly sponsored by Canon Medical Systems*

Sonographer: Yana Parsi

Application Specialist: Brett Ayres

Ultrasound System: Aplio I Series

Description:

- Secrets to an accurate comprehensive venous map
- Common pathways of reflux.
- Documentation and graphic presentation

Venous Miscellaneous

Proudly sponsored by Canon Medical Systems

Sonographer: Debbie Coghlan

Application Specialist: Brett Ayres

Ultrasound System: Xario 200

Description:

- How to investigate popliteal vein compression
- Nerves: Sural, saphenous and sciatic
- Small saphenous artery

DAY 2 – TUESDAY 6 FEBRUARY 2018

SYMPOSIUM AND LIVE SCANNING WORKSHOP

Duplex Ultrasound in Phlebology

Room 220

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Course Director: Prof. Nicos Labropoulos (USA)

Chair: Dr George Somjen (AUS)

Program Coordinator: Yana Parsi (AUS)

Patient Coordinator: Parvane Aghajani (AUS)

Session 3 Arm and Neck Veins

1640–1840 *Proudly sponsored by Canon Medical Systems*

Sonographer: Virginia Makeham

Application Specialist: Brett Ayres

Ultrasound System: Xario 200

Description:

- Normal arm, axillary and neck vein anatomy
- Paget-Schroetter and subclavian vein thrombosis
- Thoracic outlet syndromes

Venous Thrombosis Studies

Proudly sponsored by Canon Medical Systems

Faculty Member: Jacqueline Robinson

Application Specialist: Brett Ayres

Ultrasound System: Aplio I Series

Description:

- B-mode and Doppler identification of venous thrombosis
- Deep veins anatomy
- DVT vs post-sclerotherapy DVS

DAY 3 – WEDNESDAY 7 FEBRUARY 2018

MASTERCLASS

Room 220

VASCULAR
INSIGHTS

0700–0800 Vascular Access

Proudly sponsored by Vascular Insights

Faculty Member: Dr Darryl Lim (Singapore)

Description:

- Vascular access overview
- Occlusion
- Clarivein use in Vascular Access

DAY 3 – WEDNESDAY 7 FEBRUARY 2018

SYMPOSIUM AND WORKSHOP

BEYOND VEINS: Duplex Ultrasound in Other Body Parts

Room 220

Proudly sponsored by Life Healthcare



Course Coordinator: Lyndal Macpherson (USA), Michelle Short (AUS)

Program Chair: Dr Jason Chuen (AUS)

Session 1

0800–1000

ASUM: Vascular Access

Proudly sponsored by Life Healthcare

Faculty Member: Dr Jason Chuen

Application Specialist: Jule Bradbury

Ultrasound System: Epiq

Description:

- Identification of normal structures including muscles, tendons and nerves.
- How to use ultrasound to place lines, both central and peripheral.
- Principles of needle guidance

SYMPOSIUM AND WORKSHOP

BEYOND VEINS: Duplex Ultrasound in Other Body Parts

Room 220

Proudly sponsored by Life Healthcare



Course Coordinator and Program Chair: Jodie Long

Faculty Members: Carolynne Cormack, Jenny Parkes, Anthony Wald, Louise Worley

Session 2

1400–1600

ASA: Funky Masses and POCUS (without HOCUS)

1400–1430	Masses & incidental pathology encountered in vascular scanning – interesting cases	Louise Worley
1430–1500	Neck pathology – overview & interesting cases	Jenny Parkes
1500–1530	Point of Care Ultrasound (cardiac) – overview & interesting cases	Anthony Wald
1530–1600	Point of Care Ultrasound (eFAST & lung) – overview & interesting cases	Carolynne Cormack

DAY 3 – WEDNESDAY 7 FEBRUARY 2018

DUPLEX ULTRASOUND

Oral Communications

Room 220

Proudly sponsored by Life Healthcare



Chair: Prof. Fausto Passariello

Moderator: Prof. Fausto Passariello

Session 3

1640–1840

1640–1650	Patterns of Sartorial Vein Plexus Pathology and Clinical Outcomes of Treatment	Nicos Labropoulos
1650–1700	Transabdominal Ultrasound can be a Reliable Screening Tool for May-Thurner Syndrome and Other Iliac Vein Lesions Using a Dedicated Criteria	Laurencia Villalba
1700–1710	The Inter-saphenous Vein - an Ultrasound Description	Peter Paraskevas
1710–1720	Ultrasound Appearances Following Cyanoacrylate Adhesive Closure of Incompetent Veins	Luke Matar
1720–1730	Ultrasonic Vein Angiography in Complicated CVI Cases	Alexander Albitskiy
1730–1740	Ultrasound Estimates of the Ejected Volume in the Calf Muscle Pump	Fausto Passariello
1740–1750	Duplex Ultrasound, Clinical and Quality of Life Correlates in Chronic Venous Disease	Sarah Onida
1750–1800	New Ultrasound Criterion for Differentiation Between GSV and AASV	Oksana Riabinska R
1800–1810	Ultrasound Evaluation of Distance Variation In Tributaries at The Saphenofemoral Junction	Rodrigo Bono Fukushima
1810–1820	The Non-Dimensional Flow-Length Number In Ultrasound Venous Hemodynamics	Fausto Passariello
1820–1830	Perforators are Unidirectional and Valved – The Evidence	Brigid Geraldine Hill
1830–1840	Panel Discussion	

DAY 4 – THURSDAY 8 FEBRUARY 2018

MASTERCLASS

Room 214

0700–0800 **Duplex Evaluation of Cerebrovascular Occlusion**

Faculty Member: Dr Paul Thibault

Description:

- Duplex techniques to evaluate neck vein occlusion

DAY 4 – THURSDAY 8 FEBRUARY 2018

HANDS-ON TRAINING SESSIONS (HOTS)

Room 220

Program Coordinator: Yana Parsi

Patient Coordinator: Parvane Aghajani (AUS)

Delegate and Time Coordinator: Diana Bafi

4 Stations per session. Each station is 25 minutes, repeated 4 times.

Session 1 **Ultrasound in Phlebology 1**

0800–1000

Station 1 **Duplex Ultrasound: Neck Veins**

Proudly sponsored by Canon Medical Systems

Faculty Member: Dr Paul Thibault

Sonographer: Warren Lewis

Application Specialist: Donna Jones

Ultrasound System: Aplio I series

Description:

- Neck vein venous anatomy
- Assessment of neck vein flow and occlusion
- Correlation with clinical findings of patients with CCSVI

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Station 2 **Venous Mapping for Ablation**

Proudly sponsored by Canon Medical Systems

Sonographer: Yana Parsi

Application Specialist: Donna Jones

Ultrasound System: Aplio I series

Description:

- Superficial venous anatomy- do you know your veins?
- The three superficial venous systems
- Mapping techniques

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Station 3 **Doppler Studies**

Proudly sponsored by Siemens Healthineers

Sonographer: Jacqueline Robinson

Application Specialist: Paul Jackson

Ultrasound System: P500

Description:

- Colour, Power, Specialised Doppler packages
- Spectral analysis and waveforms
- Doppler angles, PRF, sample area

SIEMENS
Healthineers

Station 4 **Venous Thrombosis Studies**

Proudly sponsored by Siemens Healthineers

Sonographer: Virginia Makeham

Application Specialist: Julie Bartholomew

Ultrasound System: S3000

Description:

- B-mode and Doppler identification of venous thrombosis
- How to detect ileo-femoral vein thrombosis

SIEMENS
Healthineers

DAY 4 – THURSDAY 8 FEBRUARY 2018

HANDS-ON TRAINING SESSIONS (HOTS)

Room 220

Program Coordinator: Yana Parsi

Patient Coordinator: Parvane Aghajani (AUS)

Delegate and Time Coordinator: Diana Bafi

4 Stations per session. Each station is 25 minutes, repeated 4 times.

Session 2 **Ultrasound in Phlebology 2**

1400–1600

Station 1 **Venous Mapping for ASVAL and CHIVA**

Proudly sponsored by Philips

Faculty Member: Dr Massimo Cappelli

Application Specialist: Julie Bradbury

Ultrasound System: Epiq

Description:

- Venous haemodynamic mapping for ASVAL and CHIVA

PHILIPS

Station 2 **IVUS Intravascular Ultrasound**

Proudly sponsored by Philips Volcano

Faculty Member: Dr Prakash Saha

Product Specialist: Fiona Cassani

IVUS System: CORE Mobile System and CORE M2

Description:

- Clinical indications and potential limitations of use
- Identify necessary equipment required
- Practice performing IVUS

PHILIPS

Station 3 **Tips and Tricks for Image Optimisation**

Proudly sponsored by Siemens Healthineers

Application Specialist: Paul Jackson

Ultrasound System: P500

Description:

- Knobology: gain, TGC, depth, focus
- Tissue harmonics, compounding, dynamic range
- Pre-sets: vascular vs soft tissue

SIEMENS
Healthineers

Station 4 **Assessment of the Calf Muscle Pump**

Proudly sponsored by Siemens Healthineers

Faculty Member: Dr Massimo Cappelli

Application Specialist: Julie Bartholomew

Ultrasound System: S3000

Description:

- How to use duplex ultrasound to assess the calf muscle pump

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